
PHYSICAL MODEL

FOR PROJECT

MODEL

Projekt Pigment

MySQL 5.6

Version

Created: 15.07.2017
Last Modified: 14.11.2017

Model Description

Entity Report

Full Name	Primary Key	# Attributes
FotoMereni	idFotoMereni, idUzivatel, idMereni	10
FotoSpektrum	idFotoSpektrum, idUzivatel, idSpektrum	10
FotoVzorek	idFotoVzorek, idUzivatel, idVzorek, idTypFoto	12
Hodnoty	idHodnoty, idSpektrum, idUzivatel	6
Mereni	idMereni, idUzivatel, idVzorek, idMereniOdkud, idPodminky, idPristroje, idMetody	13
MereniOdkud	idMereniOdkud, idUzivatel	6
Metody	idMetody, idUzivatel	10
Opraveneni	idOpraveneni, idUzivatel	6
Pasy	idPasy, idUzivatel, idSpektrum	6
PeriodickaTabulka	idPrvek, idUzivatel	11
Podminky	idPodminky, idUzivatel, idPristroje	7
Prilohy	idPrilohy, idUzivatel, idVzorek	9
PrilohyMereni	idPrilohyMereni, idMereni, idUzivatel	10
Pristroje	idPristroje, idMetody, idUzivatel	7
Slozeni	idSlozeni, idUzivatel, idPrvek, idSpektrum	6
Spektrum	idSpektrum, idUzivatel, idMereni	7
SpojeniUzivatelOpraveneni	idUzivatel, idOpraveneni, idUzivatelAutor	5
TypFotoVzorek	idTypFotoVzorek, idUzivatel	6
Uzivatele	idUzivatel	7
Vzorek	idVzorek, idUzivatel	12

Entity 'FotoMereni'

Caption	FotoMereni
---------	------------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key9'

Attribute		Type	Parent Entity					
idFotoMereni		PK	-----					
idUzivatel		PFK	Uzivatele					
idMereni		PFK	Mereni					
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idFotoMereni		Int(11)	YES	YES	NO	NO	
	poznamka		Text	NO	NO	NO	NO	
	platnost		Bool	YES	NO	NO	YES	
	datum		Datetime	YES	NO	NO	YES	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
PFK	idMereni		Int(11)	YES	NO	NO	NO	
	nazevSoubor		Varchar(100)	YES	NO	NO	NO	
	typSoubor		Varchar(100)	YES	NO	NO	NO	
	velikostSoubor		Int(11)	YES	NO	NO	NO	
	obsahSoubor		Longblob	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorFotoMereni	Identifying	Uzivatele	FotoMereni	1:N
maFotoMereni	Identifying	Mereni	FotoMereni	1:N

Keys

Type	Full Name	Attributes
PK	Key9	idFotoMereni, idUzivatel, idMereni
AK	idFoto	idFotoMereni

Entity 'FotoSpektrum'

Caption	FotoSpektrum
---------	--------------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key9'

Attribute		Type	Parent Entity					
idFotoSpektrum		PK	-----					
idUzivatel		PFK	Uzivatele					
idSpektrum		PFK	Spektrum					
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idFotoSpektrum		Int(11)	YES	YES	NO	NO	
	poznamka		Text	NO	NO	NO	NO	
	platnost		Bool	YES	NO	NO	YES	
	datum		Datetime	YES	NO	NO	YES	
	nazevSoubor		Varchar(100)	YES	NO	NO	NO	
	typSoubor		Varchar(100)	YES	NO	NO	NO	
	velikostSoubor		Int(11)	YES	NO	NO	NO	
	obsahSoubor		Longblob	YES	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
PFK	idSpektrum		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorFotoSpektrum	Identifying	Uzivatele	FotoSpektrum	1:N
maFotoSpektrum	Identifying	Spektrum	FotoSpektrum	1:N

Keys

Type	Full Name	Attributes
PK	Key9	idFotoSpektrum, idUzivatel, idSpektrum
AK	idFoto	idFotoSpektrum

Entity 'FotoVzorek'

Caption	FotoVzorek
---------	------------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key9'

Attribute	Type	Parent Entity
idFotoVzorek	PK	-----
idUzivatel	PFK	Uzivatele
idVzorek	PFK	Vzorek
idTypFoto	PFK	TypFotoVzorek

Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idFotoVzor ek		Int(11)	YES	YES	NO	NO	
	nazev		Varchar(10 0)	YES	NO	NO	NO	
	poznamka		Text	NO	NO	NO	NO	
	platnost		Bool	YES	NO	NO	YES	
	datum		Datetime	YES	NO	NO	YES	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
	nazevSou bor		Varchar(10 0)	YES	NO	NO	NO	
	typSoubor		Varchar(10 0)	YES	NO	NO	NO	
	velikostSo ubor		Int(11)	YES	NO	NO	NO	
	obsahSou bor		Longblob	YES	NO	NO	NO	
PFK	idVzorek		Int(11)	YES	NO	NO	NO	
PFK	idTypFoto		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
maTypFotoVzorek	Identifying	TypFotoVzorek	FotoVzorek	1:N
maFotoVzorek	Identifying	Vzorek	FotoVzorek	1:N
autorFotoVzorek	Identifying	Uzivatele	FotoVzorek	1:N

Keys

Type	Full Name	Attributes
PK	Key9	idFotoVzorek, idUzivatel, idVzorek, idTypFoto
AK	idFoto	idFotoVzorek

Entity 'Hodnoty'

Caption	Hodnoty
---------	---------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key12'

Attribute	Type	Parent Entity
idHodnoty	PK	-----
idSpektrum	PFK	Spektrum
idUzivatel	PFK	Uzivatele

Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idHodnoty		Int(11)	YES	YES	NO	NO	
	x		Float	YES	NO	NO	NO	
	y		Float	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
PFK	idSpektrum		Int(11)	YES	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorHodnoty	Identifying	Uzivatele	Hodnoty	1:N
maHodnoty	Identifying	Spektrum	Hodnoty	1:N

Keys

Type	Full Name	Attributes
PK	Key12	idHodnoty, idSpektrum, idUzivatel
AK	idHodnoty	idHodnoty

Entity 'Mereni'

Caption	Mereni
----------------	--------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key8'

Attribute	Type	Parent Entity
idMereni	PK	-----
idUzivatel	PFK	Uzivatele
idVzorek	PFK	Vzorek
idMereniOdkud	PFK	MereniOdkud
idPodminky	PFK	Podminky
idPristroje	PFK	Pristroje
idMetody	PFK	Metody

Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idMereni		Int(11)	YES	YES	NO	NO	
	platnost		Bool	YES	NO	NO	YES	
	poznamka		Text	NO	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
	datumMereni		Date	NO	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
PFK	idVzorek		Int(11)	YES	NO	NO	NO	
	vlnovaDelka		Int(11)	NO	NO	NO	NO	
	vykonLaseruW		Int(11)	NO	NO	NO	NO	
PFK	idMereniOdkud		Int(11)	YES	NO	NO	NO	
PFK	idPodminky		Int(11)	YES	NO	NO	NO	
PFK	idPristroje		Int(11)	YES	NO	NO	NO	
PFK	idMetody		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorMereni	Identifying	Uzivatele	Mereni	1:N
maSpektrum	Identifying	Mereni	Spektrum	1:N
maFotoMereni	Identifying	Mereni	FotoMereni	1:N
maMereni	Identifying	Vzorek	Mereni	1:N
mereniKde	Identifying	MereniOdkud	Mereni	1:N
maPrilohuMereni	Identifying	Mereni	PrilohyMereni	1:N
pouzityPodminky	Identifying	Podminky	Mereni	1:N
pouzitiPristroj	Identifying	Pristroje	Mereni	1:N
pouzitaMetoda	Identifying	Metody	Mereni	1:N

Keys

Type	Full Name	Attributes
PK	Key8	idMereni, idUzivatel, idVzorek, idMereniOdkud, idPodminky, idPristroje, idMetody
AK	idMereni	idMereni

Entity 'MereniOdkud'

Caption	MereniOdkud
---------	-------------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key24'

Attribute	Type	Parent Entity
idMereniOdkud	PK	-----
idUzivatel	PFK	Uzivatele

Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idMereniOdkud		Int(11)	YES	NO	NO	NO	
	nazev		Varchar(50)	YES	NO	NO	NO	
	poznamka		Text	YES	NO	NO	NO	
	platnost		Bool	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
mereniKde	Identifying	MereniOdkud	Mereni	1:N
autorMereniOdkud	Identifying	Uzivatele	MereniOdkud	1:N

Keys

Type	Full Name	Attributes
PK	Key24	idMereniOdkud, idUzivatel
AK	Key25	idMereniOdkud

Entity 'Metody'

Caption	Metody
---------	--------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key7'

Attribute	Type	Parent Entity
idMetody	PK	-----
idUzivatel	PFK	Uzivatele

Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idMetody		Int(11)	YES	YES	NO	NO	
	nazev		Varchar(50)	YES	YES	NO	NO	
	poznamka		Text	NO	NO	NO	NO	
	platnost		Bool	YES	NO	NO	YES	
	datum		Datetime	YES	NO	NO	YES	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
	pasy		Bool	YES	NO	NO	NO	
	slozeni		Bool	YES	NO	NO	NO	
	fotoSpektrum		Bool	YES	NO	NO	NO	
	hodnoty		Bool	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorTypMereni	Identifying	Uzivatele	Metody	1:N
maPristroj	Identifying	Metody	Pristroje	1:N
pouzitaMetoda	Identifying	Metody	Mereni	1:N

Keys

Type	Full Name	Attributes
PK	Key7	idMetody, idUzivatel
AK	idKraj	idMetody
AK	nazev	nazev

Entity 'Opravneni'

Caption	Opravneni
---------	-----------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key19'

Attribute		Type	Parent Entity					
idOpravneni		PK	-----					
idUzivatel		PFK	Uzivatele					
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idOpravneni		Int(11)	YES	YES	NO	NO	
	nazev		Varchar(100)	YES	YES	NO	NO	
	poznamka		Text	NO	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
	platnost		Bool	YES	NO	NO	YES	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorOpravneni	Identifying	Uzivatele	Opravneni	1:N
maOpravneni2	Identifying	Opravneni	SpojeniUzivatelOpravneni	1:N

Keys

Type	Full Name	Attributes
PK	Key19	idOpravneni, idUzivatel
AK	idOpravneni	idOpravneni
AK	nazev	nazev

Entity 'Pasy'

Caption	Pasy
---------	------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key12'

Attribute		Type	Parent Entity					
idPasy		PK	-----					
idUzivatel		PFK	Uzivatele					
idSpektrum		PFK	Spektrum					
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idPasy		Int(11)	YES	YES	NO	NO	
	hodnota		Int(11)	YES	NO	NO	NO	
	silnySlaby Pas		Bool	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
PFK	idSpektru m		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorPas	Identifying	Uzivatele	Pasy	1:N
maPasy	Identifying	Spektrum	Pasy	1:N

Keys

Type	Full Name	Attributes
PK	Key12	idPasy, idUzivatel, idSpektrum
AK	idHodnoty	idPasy

Entity 'PeriodickaTabulka'

Caption	PeriodickaTabulka
---------	-------------------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key22'

Attribute	Type	Parent Entity
idPrvek	PK	-----
idUzivatel	PFK	Uzivatele

Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idPrvek		Int(11)	YES	YES	NO	NO	
	nazev		Varchar(30)	YES	NO	NO	NO	
	poznámka		Text	NO	NO	NO	NO	
	datum		Datetime	YES	NO	NO	NO	
	znacka		Varchar(20)	YES	NO	NO	NO	
	latinsky		Varchar(100)	NO	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
	protonove Cislo		Int(11)	YES	NO	NO	NO	
	relativniAtomovaHmotnost		Varchar(100)	NO	NO	NO	NO	
	skupina		Int(10)	NO	NO	NO	NO	
	perioda		Int(10)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
poskytujePrvky	Identifying	PeriodickaTabulka	Slozeni	1:N
autorPeriodickaTabulka	Identifying	Uzivatele	PeriodickaTabulka	1:N

Keys

Type	Full Name	Attributes
PK	Key22	idPrvek, idUzivatel
AK	idPrvek	idPrvek

Entity 'Podminky'

Caption	Podminky
---------	----------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key24'

Attribute	Type	Parent Entity
idPodminky	PK	-----
idUzivatel	PFK	Uzivatele
idPristroje	PFK	Pristroje

Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idPodminky		Int(11)	YES	NO	NO	NO	
	nazev		Varchar(50)	YES	NO	NO	NO	
	poznámka		Text	YES	NO	NO	NO	
	platnost		Bool	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
PFK	idPristroje		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorPodminky	Identifying	Uzivatele	Podminky	1:N
maPodminku	Identifying	Pristroje	Podminky	1:N
pouzityPodminky	Identifying	Podminky	Mereni	1:N

Keys

Type	Full Name	Attributes
PK	Key24	idPodminky, idUzivatel, idPristroje
AK	Key25	idPodminky

Entity 'Prilohy'

Caption	Prilohy
---------	---------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key15'

Attribute		Type	Parent Entity					
idPrilohy		PK	-----					
idUzivatel		PFK	Uzivatele					
idVzorek		PFK	Vzorek					
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idPrilohy		Int(11)	YES	YES	NO	NO	
	nazev		Varchar(100)	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
	nazevSoubor		Varchar(100)	YES	NO	NO	NO	
	typSoubor		Varchar(100)	YES	NO	NO	NO	
	velikostSoubor		Int(11)	YES	NO	NO	NO	
	obsahSoubor		Longblob	YES	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
PFK	idVzorek		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorPrilohy	Identifying	Uzivatele	Prilohy	1:N
maPrilohy	Identifying	Vzorek	Prilohy	1:N

Keys

Type	Full Name	Attributes
PK	Key15	idPrilohy, idUzivatel, idVzorek
AK	idPrilohy	idPrilohy

Entity 'PrilohyMereni'

Caption	PrilohyMereni
----------------	---------------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key15'

Attribute		Type	Parent Entity					
idPrilohyMereni		PK	-----					
idMereni		PFK	Mereni					
idUzivatel		PFK	Uzivatele					
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idPrilohyMereni		Int(11)	YES	YES	NO	NO	
	nazev		Varchar(100)	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
	nazevSoubor		Varchar(100)	YES	NO	NO	NO	
	typSoubor		Varchar(100)	YES	NO	NO	NO	
	velikostSoubor		Int(11)	YES	NO	NO	NO	
	obsahSoubor		Longblob	YES	NO	NO	NO	
	poznamka		Text	NO	NO	NO	NO	
PFK	idMereni		Int(11)	YES	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
maPrilohuMereni	Identifying	Mereni	PrilohyMereni	1:N
autorMereniPriloha	Identifying	Uzivatele	PrilohyMereni	1:N

Keys

Type	Full Name	Attributes
PK	Key15	idPrilohyMereni, idMereni, idUzivatel
AK	idPrilohy	idPrilohyMereni

Entity 'Pristroje'

Caption	Pristroje
----------------	-----------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key24'

Attribute				Type	Parent Entity			
idPristroje				PK	-----			
idMetody				PFK	Metody			
idUzivatel				PFK	Uzivatele			
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idPristroje		Int(11)	YES	NO	NO	NO	
	nazev		Varchar(50)	YES	NO	NO	NO	
	poznámka		Text	YES	NO	NO	NO	
	platnost		Bool	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	NO	
PFK	idMetody		Int(11)	YES	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
maPristroj	Identifying	Metody	Pristroje	1:N
autorPristroje	Identifying	Uzivatele	Pristroje	1:N
maPodminku	Identifying	Pristroje	Podminky	1:N
pouzitPristroj	Identifying	Pristroje	Mereni	1:N

Keys

Type	Full Name	Attributes
PK	Key24	idPristroje, idMetody, idUzivatel
AK	Key25	idPristroje

Entity 'Slozeni'

Caption	Slozeni
---------	---------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key23'

Attribute				Type	Parent Entity			
idSlozeni				PK	-----			
idUzivatel				PFK	Uzivatele			
idPrvek				PFK	PeriodickaTabulka			
idSpektrum				PFK	Spektrum			
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idSlozeni		Int(11)	YES	NO	NO	NO	
	hlavniVedl ejsiPrvek		Bool	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
PFK	idPrvek		Int(11)	YES	NO	NO	NO	
PFK	idSpektru m		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorSlozeni	Identifying	Uzivatele	Slozeni	1:N
poskytujePrvky	Identifying	PeriodickaTabulka	Slozeni	1:N
maSlozeni	Identifying	Spektrum	Slozeni	1:N

Entity 'Spektrum'

Caption	Spektrum
----------------	----------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key8'

Attribute		Type	Parent Entity					
idSpektrum		PK	-----					
idUzivatel		PFK	Uzivatele					
idMereni		PFK	Mereni					
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idSpektrum		Int(11)	YES	YES	NO	NO	
	platnost		Bool	YES	NO	NO	YES	
	poznamka		Text	NO	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
	datumMereni		Date	NO	NO	NO	NO	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
PFK	idMereni		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorSpektrum	Identifying	Uzivatele	Spektrum	1:N
maHodnoty	Identifying	Spektrum	Hodnoty	1:N
maSpektrum	Identifying	Mereni	Spektrum	1:N
maSlozeni	Identifying	Spektrum	Slozeni	1:N
maFotoSpektrum	Identifying	Spektrum	FotoSpektrum	1:N
maPasy	Identifying	Spektrum	Pasy	1:N

Keys

Type	Full Name	Attributes
PK	Key8	idSpektrum, idUzivatel, idMereni
AK	idMereni	idSpektrum

Entity 'SpojeniUzivatelOpraveni'

Caption	SpojeniUzivatelOpraveni
----------------	-------------------------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key20'

Attribute				Type	Parent Entity			
idUzivatel				PFK	Uzivatele			
idOpravneni				PFK	Opravneni			
idUzivatelAutor				PFK	Uzivatele			
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
	platnost		Bool	YES	NO	NO	YES	
PFK	idOpravneni		Int(11)	YES	NO	NO	NO	
PFK	idUzivatelAutor		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
maOpravneni1	Identifying	Uzivatele	SpojениUzivatelOpravneni	1:N
maOpravneni2	Identifying	Opravneni	SpojениUzivatelOpravneni	1:N
autorSpojeniUzivatelOpravneni	Identifying	Uzivatele	SpojениUzivatelOpravneni	1:N

Entity 'TypFotoVzorek'

Caption	TypFotoVzorek
----------------	---------------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key7'

Attribute				Type	Parent Entity			
idTypFotoVzorek				PK	-----			
idUzivatel				PFK	Uzivatele			
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idTypFotoVzorek		Int(11)	YES	YES	NO	NO	
	nazev		Varchar(50)	YES	YES	NO	NO	
	poznámka		Text	NO	NO	NO	NO	
	platnost		Bool	YES	NO	NO	YES	
	datum		Datetime	YES	NO	NO	YES	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
maTypFotoVzorek	Identifying	TypFotoVzorek	FotoVzorek	1:N
autorTypFotoVzorek	Identifying	Uzivatele	TypFotoVzorek	1:N

Keys

Type	Full Name	Attributes
PK	Key7	idTypFotoVzorek, idUzivatel
AK	idKraj	idTypFotoVzorek
AK	nazev	nazev

Entity 'Uzivatele'

Caption	Uzivatele
---------	-----------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key18'

Attribute				Type	Parent Entity			
idUzivatel				PK	-----			
Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idUzivatel		Int(11)	YES	YES	NO	NO	
	jmeno		Varchar(100)	YES	NO	NO	NO	
	heslo		Varchar(100)	YES	NO	NO	NO	
	datumZalozeni		Datetime	YES	NO	NO	NO	
	datumPrihlaseni		Datetime	NO	NO	NO	NO	
	platnost		Bool	YES	NO	NO	YES	
FK	FK_idUzivatel		Int(11)	NO	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
autorSpektrum	Identifying	Uzivatele	Spektrum	1:N
autorMereni	Identifying	Uzivatele	Mereni	1:N
autorFotoMereni	Identifying	Uzivatele	FotoMereni	1:N
autorSlozeni	Identifying	Uzivatele	Slozeni	1:N
autorTypMereni	Identifying	Uzivatele	Metody	1:N
autorHodnoty	Identifying	Uzivatele	Hodnoty	1:N
autorTypFotoVzorek	Identifying	Uzivatele	TypFotoVzorek	1:N
autorPrilohy	Identifying	Uzivatele	Prilohy	1:N
autorPeriodickaTabulka	Identifying	Uzivatele	PeriodickaTabulka	1:N
maOpravneni1	Identifying	Uzivatele	SpojениUzivatelOpravneni	1:N
autorOpravneni	Identifying	Uzivatele	Opravneni	1:N
autorUzivatele	Non-identifying	Uzivatele	Uzivatele	1:N
autorVzorek	Identifying	Uzivatele	Vzorek	1:N
autorFotoVzorek	Identifying	Uzivatele	FotoVzorek	1:N
autorSpojeniUzivatelOpravneni	Identifying	Uzivatele	SpojениUzivatelOpravneni	1:N
autorMereniOdkud	Identifying	Uzivatele	MereniOdkud	1:N
autorMereniPriloha	Identifying	Uzivatele	PrilohyMereni	1:N
autorFotoSpektrum	Identifying	Uzivatele	FotoSpektrum	1:N
autorPas	Identifying	Uzivatele	Pasy	1:N
autorPristroje	Identifying	Uzivatele	Pristroje	1:N
autorPodminky	Identifying	Uzivatele	Podminky	1:N

Keys

Type	Full Name	Attributes
PK	Key18	idUzivatel
AK	idUzivatel	idUzivatel

Indexes

Full Name	Attributes	Unique
IX_Relationship8	FK_idUzivatel	NO

Entity 'Vzorek'

Caption	Vzorek
---------	--------

Entity Properties

Table Type	Default
Row Format	Default

Primary Key 'Key6'

Attribute	Type	Parent Entity
idVzorek	PK	----
idUzivatel	PFK	Uzivatele

Key	Full Name	Domain	Data Type	N ¹⁾	U ²⁾	C ³⁾	D ⁴⁾	Comments
PK	idVzorek		Int(11)	YES	YES	NO	NO	
	nazevCZ		Text	YES	NO	NO	NO	
	nazevEN		Text	NO	NO	NO	NO	
	poznamka		Text	NO	NO	NO	NO	
	colorIndex		Int(11)	NO	NO	NO	NO	
	vyrobce		Text	NO	NO	NO	NO	
	chemickaZnacka		Text	YES	NO	NO	NO	
	obchodniNazev		Text	NO	NO	NO	NO	
	kas		Text	NO	NO	NO	NO	
	datum		Datetime	YES	NO	NO	YES	
	platnost		Bool	YES	NO	NO	YES	
PFK	idUzivatel		Int(11)	YES	NO	NO	NO	

Relationships

Full Name	Type	Parent Entity	Child Entity	Card.
maPrilohy	Identifying	Vzorek	Prilohy	1:N
maFotoVzorek	Identifying	Vzorek	FotoVzorek	1:N
autorVzorek	Identifying	Uzivatele	Vzorek	1:N
maMereni	Identifying	Vzorek	Mereni	1:N

Keys

Type	Full Name	Attributes
PK	Key6	idVzorek, idUzivatel
AK	idVzorek	idVzorek

¹⁾Not Null

²⁾Unique

³⁾Check

⁴⁾Default

Attribute Report

Full Name	Entity	Domain	Data Type	PK	FK
datum	FotoMereni		Datetime	NO	NO
idFotoMereni	FotoMereni		Int(11)	YES	NO
idMereni	FotoMereni		Int(11)	YES	YES
idUzivatel	FotoMereni		Int(11)	YES	YES
nazevSoubor	FotoMereni		Varchar(100)	NO	NO
obsahSoubor	FotoMereni		Longblob	NO	NO
platnost	FotoMereni		Bool	NO	NO
poznamka	FotoMereni		Text	NO	NO
typSoubor	FotoMereni		Varchar(100)	NO	NO
velikostSoubor	FotoMereni		Int(11)	NO	NO
datum	FotoSpektrum		Datetime	NO	NO
idFotoSpektrum	FotoSpektrum		Int(11)	YES	NO
idSpektrum	FotoSpektrum		Int(11)	YES	YES
idUzivatel	FotoSpektrum		Int(11)	YES	YES
nazevSoubor	FotoSpektrum		Varchar(100)	NO	NO
obsahSoubor	FotoSpektrum		Longblob	NO	NO
platnost	FotoSpektrum		Bool	NO	NO
poznamka	FotoSpektrum		Text	NO	NO
typSoubor	FotoSpektrum		Varchar(100)	NO	NO
velikostSoubor	FotoSpektrum		Int(11)	NO	NO
datum	FotoVzorek		Datetime	NO	NO
idFotoVzorek	FotoVzorek		Int(11)	YES	NO
idTypFoto	FotoVzorek		Int(11)	YES	YES
idUzivatel	FotoVzorek		Int(11)	YES	YES
idVzorek	FotoVzorek		Int(11)	YES	YES
nazev	FotoVzorek		Varchar(100)	NO	NO
nazevSoubor	FotoVzorek		Varchar(100)	NO	NO
obsahSoubor	FotoVzorek		Longblob	NO	NO
platnost	FotoVzorek		Bool	NO	NO
poznamka	FotoVzorek		Text	NO	NO
typSoubor	FotoVzorek		Varchar(100)	NO	NO
velikostSoubor	FotoVzorek		Int(11)	NO	NO
datum	Hodnoty		Datetime	NO	NO
idHodnoty	Hodnoty		Int(11)	YES	NO
idSpektrum	Hodnoty		Int(11)	YES	YES
idUzivatel	Hodnoty		Int(11)	YES	YES
x	Hodnoty		Float	NO	NO
y	Hodnoty		Float	NO	NO
datum	Mereni		Datetime	NO	NO
datumMereni	Mereni		Date	NO	NO
idMereni	Mereni		Int(11)	YES	NO
idMereniOdkud	Mereni		Int(11)	YES	YES
idMetody	Mereni		Int(11)	YES	YES
idPodminky	Mereni		Int(11)	YES	YES
idPristroje	Mereni		Int(11)	YES	YES
idUzivatel	Mereni		Int(11)	YES	YES
idVzorek	Mereni		Int(11)	YES	YES
platnost	Mereni		Bool	NO	NO
poznamka	Mereni		Text	NO	NO

vlnovaDelka	Mereni		Int(11)	NO	NO
vykonLaserumW	Mereni		Int(11)	NO	NO
datum	MereniOdkud		Datetime	NO	NO
idMereniOdkud	MereniOdkud		Int(11)	YES	NO
idUzivatel	MereniOdkud		Int(11)	YES	YES
nazev	MereniOdkud		Varchar(50)	NO	NO
platnost	MereniOdkud		Bool	NO	NO
poznamka	MereniOdkud		Text	NO	NO
datum	Metody		Datetime	NO	NO
fotoSpektrum	Metody		Bool	NO	NO
hodnoty	Metody		Bool	NO	NO
idMetody	Metody		Int(11)	YES	NO
idUzivatel	Metody		Int(11)	YES	YES
nazev	Metody		Varchar(50)	NO	NO
pasy	Metody		Bool	NO	NO
platnost	Metody		Bool	NO	NO
poznamka	Metody		Text	NO	NO
slozeni	Metody		Bool	NO	NO
datum	Opraveneni		Datetime	NO	NO
idOpraveneni	Opraveneni		Int(11)	YES	NO
idUzivatel	Opraveneni		Int(11)	YES	YES
nazev	Opraveneni		Varchar(100)	NO	NO
platnost	Opraveneni		Bool	NO	NO
poznamka	Opraveneni		Text	NO	NO
datum	Pasy		Datetime	NO	NO
hodnota	Pasy		Int(11)	NO	NO
idPasy	Pasy		Int(11)	YES	NO
idSpektrum	Pasy		Int(11)	YES	YES
idUzivatel	Pasy		Int(11)	YES	YES
silnySlabyPas	Pasy		Bool	NO	NO
datum	PeriodickaTabulka		Datetime	NO	NO
idPrvek	PeriodickaTabulka		Int(11)	YES	NO
idUzivatel	PeriodickaTabulka		Int(11)	YES	YES
latinsky	PeriodickaTabulka		Varchar(100)	NO	NO
nazev	PeriodickaTabulka		Varchar(30)	NO	NO
perioda	PeriodickaTabulka		Int(10)	NO	NO
poznamka	PeriodickaTabulka		Text	NO	NO
protonoveCislo	PeriodickaTabulka		Int(11)	NO	NO
relativniAtomovaHmotnost	PeriodickaTabulka		Varchar(100)	NO	NO
skupina	PeriodickaTabulka		Int(10)	NO	NO
znacka	PeriodickaTabulka		Varchar(20)	NO	NO
datum	Podminky		Datetime	NO	NO
idPodminky	Podminky		Int(11)	YES	NO
idPristroje	Podminky		Int(11)	YES	YES
idUzivatel	Podminky		Int(11)	YES	YES
nazev	Podminky		Varchar(50)	NO	NO
platnost	Podminky		Bool	NO	NO
poznamka	Podminky		Text	NO	NO
datum	Prilohy		Datetime	NO	NO
idPrilohy	Prilohy		Int(11)	YES	NO
idUzivatel	Prilohy		Int(11)	YES	YES
idVzorek	Prilohy		Int(11)	YES	YES
nazev	Prilohy		Varchar(100)	NO	NO

nazevSoubor	Prilohy	Varchar(100)	NO	NO
obsahSoubor	Prilohy	Longblob	NO	NO
typSoubor	Prilohy	Varchar(100)	NO	NO
velikostSoubor	Prilohy	Int(11)	NO	NO
datum	PrilohyMereni	Datetime	NO	NO
idMereni	PrilohyMereni	Int(11)	YES	YES
idPrilohyMereni	PrilohyMereni	Int(11)	YES	NO
idUzivatel	PrilohyMereni	Int(11)	YES	YES
nazev	PrilohyMereni	Varchar(100)	NO	NO
nazevSoubor	PrilohyMereni	Varchar(100)	NO	NO
obsahSoubor	PrilohyMereni	Longblob	NO	NO
poznamka	PrilohyMereni	Text	NO	NO
typSoubor	PrilohyMereni	Varchar(100)	NO	NO
velikostSoubor	PrilohyMereni	Int(11)	NO	NO
datum	Pristroje	Datetime	NO	NO
idMetody	Pristroje	Int(11)	YES	YES
idPristroje	Pristroje	Int(11)	YES	NO
idUzivatel	Pristroje	Int(11)	YES	YES
nazev	Pristroje	Varchar(50)	NO	NO
platnost	Pristroje	Bool	NO	NO
poznamka	Pristroje	Text	NO	NO
datum	Slozeni	Datetime	NO	NO
hlavniVedlejsiPrvek	Slozeni	Bool	NO	NO
idPrvek	Slozeni	Int(11)	YES	YES
idSlozeni	Slozeni	Int(11)	YES	NO
idSpektrum	Slozeni	Int(11)	YES	YES
idUzivatel	Slozeni	Int(11)	YES	YES
datum	Spektrum	Datetime	NO	NO
datumMereni	Spektrum	Date	NO	NO
idMereni	Spektrum	Int(11)	YES	YES
idSpektrum	Spektrum	Int(11)	YES	NO
idUzivatel	Spektrum	Int(11)	YES	YES
platnost	Spektrum	Bool	NO	NO
poznamka	Spektrum	Text	NO	NO
datum	SpojениUzivatelOpravne ni	Datetime	NO	NO
idOpravneni	SpojениUzivatelOpravne ni	Int(11)	YES	YES
idUzivatel	SpojениUzivatelOpravne ni	Int(11)	YES	YES
idUzivatelAutor	SpojениUzivatelOpravne ni	Int(11)	YES	YES
platnost	SpojениUzivatelOpravne ni	Bool	NO	NO
datum	TypFotoVzorek	Datetime	NO	NO
idTypFotoVzorek	TypFotoVzorek	Int(11)	YES	NO
idUzivatel	TypFotoVzorek	Int(11)	YES	YES
nazev	TypFotoVzorek	Varchar(50)	NO	NO
platnost	TypFotoVzorek	Bool	NO	NO
poznamka	TypFotoVzorek	Text	NO	NO
datumPrihlaseni	Uzivatele	Datetime	NO	NO
datumZalozeni	Uzivatele	Datetime	NO	NO
FK_idUzivatel	Uzivatele	Int(11)	NO	YES

heslo	Uzivatele		Varchar(100)	NO	NO
idUzivatel	Uzivatele		Int(11)	YES	NO
jmeno	Uzivatele		Varchar(100)	NO	NO
platnost	Uzivatele		Bool	NO	NO
chemickaZnacka	Vzorek		Text	NO	NO
colorIndex	Vzorek		Int(11)	NO	NO
datum	Vzorek		Datetime	NO	NO
idUzivatel	Vzorek		Int(11)	YES	YES
idVzorek	Vzorek		Int(11)	YES	NO
kas	Vzorek		Text	NO	NO
nazevCZ	Vzorek		Text	NO	NO
nazevEN	Vzorek		Text	NO	NO
obchodniNazev	Vzorek		Text	NO	NO
platnost	Vzorek		Bool	NO	NO
poznamka	Vzorek		Text	NO	NO
vyrobce	Vzorek		Text	NO	NO

Attribute 'datum'

Caption	datum
Entity	FotoMereni
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idFotoMereni'

Caption	idFotoMereni
Entity	FotoMereni
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idMereni'

Caption	idMereni		
Entity	FotoMereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Mereni
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	FotoMereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazevSoubor'

Caption	nazevSoubor
Entity	FotoMereni
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'obsahSoubor'

Caption	obsahSoubor
Entity	FotoMereni
Primary Key	NO
Foreign Key	NO
Data Type	Longblob
Not Null	YES
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	FotoMereni
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'poznamka'

Caption	poznamka
Entity	FotoMereni
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'typSoubor'

Caption	typSoubor
Entity	FotoMereni
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'velikostSoubor'

Caption	velikostSoubor
Entity	FotoMereni
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	FotoSpektrum
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idFotoSpektrum'

Caption	idFotoSpektrum
Entity	FotoSpektrum
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idSpektrum'

Caption	idSpektrum		
Entity	FotoSpektrum		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Spektrum
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	FotoSpektrum		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazevSoubor'

Caption	nazevSoubor
Entity	FotoSpektrum
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'obsahSoubor'

Caption	obsahSoubor
Entity	FotoSpektrum
Primary Key	NO
Foreign Key	NO
Data Type	Longblob
Not Null	YES
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	FotoSpektrum
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'poznamka'

Caption	poznamka
Entity	FotoSpektrum
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'typSoubor'

Caption	typSoubor
Entity	FotoSpektrum
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'velikostSoubor'

Caption	velikostSoubor
Entity	FotoSpektrum
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	FotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idFotoVzorek'

Caption	idFotoVzorek
Entity	FotoVzorek
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idTypFoto'

Caption	idTypFotoVzorek		
Entity	FotoVzorek		
Primary Key	YES		
Foreign Key	YES	Parent Entity	TypFotoVzorek
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	FotoVzorek		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idVzorek'

Caption	idVzorek		
Entity	FotoVzorek		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Vzorek
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	FotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'nazevSoubor'

Caption	nazevSoubor
Entity	FotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'obsahSoubor'

Caption	obsahSoubor
Entity	FotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Longblob
Not Null	YES
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	FotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'poznámka'

Caption	poznámka
Entity	FotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'typSoubor'

Caption	typSoubor
Entity	FotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'velikostSoubor'

Caption	velikostSoubor
Entity	FotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Hodnoty
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idHodnoty'

Caption	idHodnoty
Entity	Hodnoty
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idSpektrum'

Caption	idSpektrum		
Entity	Hodnoty		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Spektrum
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Hodnoty		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'x'

Caption	x		
Entity	Hodnoty		
Primary Key	NO		
Foreign Key	NO		
Data Type	Float		
Not Null	YES		
Unique	NO		

Attribute 'y'

Caption	y		
Entity	Hodnoty		
Primary Key	NO		
Foreign Key	NO		
Data Type	Float		
Not Null	YES		
Unique	NO		

Attribute 'datum'

Caption	datum		
Entity	Mereni		
Primary Key	NO		
Foreign Key	NO		
Data Type	Datetime		
Not Null	YES		
Unique	NO		
Default	CURRENT_TIMESTAMP		

Attribute 'datumMereni'

Caption	datumMereni		
Entity	Mereni		
Primary Key	NO		
Foreign Key	NO		
Data Type	Date		
Not Null	NO		
Unique	NO		

Attribute 'idMereni'

Caption	idMereni
Entity	Mereni
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idMereniOdkud'

Caption	idMereniOdkud		
Entity	Mereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	MereniOdkud
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idMetody'

Caption	idMetody		
Entity	Mereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Metody
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idPodminky'

Caption	idPodminky		
Entity	Mereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Podminky
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idPristroje'

Caption	idPristroje		
Entity	Mereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Pristroje
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Mereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idVzorek'

Caption	idVzorek		
Entity	Mereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Vzorek
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'platnost'

Caption	platnost		
Entity	Mereni		
Primary Key	NO		
Foreign Key	NO		
Data Type	Bool		
Not Null	YES		
Unique	NO		
Default	1		

Attribute 'poznamka'

Caption	poznamka		
Entity	Mereni		
Primary Key	NO		
Foreign Key	NO		
Data Type	Text		
Not Null	NO		
Unique	NO		

Attribute 'vlnovaDelka'

Caption	vlnovaDelka		
Entity	Mereni		
Primary Key	NO		
Foreign Key	NO		
Data Type	Int(11)		
Not Null	NO		
Unique	NO		

Attribute 'vykonLaserumW'

Caption	vykonLaserumW
Entity	Mereni
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	NO
Unique	NO

Attribute 'datum'

Caption	datum
Entity	MereniOdkud
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO

Attribute 'idMereniOdkud'

Caption	idMereniOdkud
Entity	MereniOdkud
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	MereniOdkud		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	MereniOdkud
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(50)
Not Null	YES
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	MereniOdkud
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'poznanka'

Caption	poznanka
Entity	MereniOdkud
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Metody
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'fotoSpektrum'

Caption	fotoSpektrum
Entity	Metody
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'hodnoty'

Caption	hodnoty
Entity	Metody
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'idMetody'

Caption	idMetody
Entity	Metody
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Metody		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	Metody
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(50)
Not Null	YES
Unique	YES

Attribute 'pasy'

Caption	pasy
Entity	Metody
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	Metody
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'poznamka'

Caption	poznamka
Entity	Metody
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'slozeni'

Caption	slozeni
Entity	Metody
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Opraveni
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idOpraveni'

Caption	idOpraveni
Entity	Opraveni
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Opraveni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	Opraveni
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	YES

Attribute 'platnost'

Caption	platnost
Entity	Opraveni
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'poznámka'

Caption	poznámka
Entity	Opraveni
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Pasy
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'hodnota'

Caption	hodnota
Entity	Pasy
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute 'idPasy'

Caption	idPasy
Entity	Pasy
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idSpektrum'

Caption	idSpektrum		
Entity	Pasy		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Spektrum
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Pasy		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'silnySlabyPas'

Caption	silnySlabyPas
Entity	Pasy
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO

Attribute 'idPrvek'

Caption	idPrvek
Entity	PeriodickaTabulka
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	PeriodickaTabulka		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'latinsky'

Caption	latinsky
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	NO
Unique	NO

Attribute 'nazev'

Caption	nazev
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(30)
Not Null	YES
Unique	NO

Attribute 'perioda'

Caption	perioda
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Int(10)
Not Null	YES
Unique	NO

Attribute 'poznamka'

Caption	poznamka
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'protonoveCislo'

Caption	protonoveCislo
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute 'relativniAtomovaHmotnost'

Caption	relativniAtomovaHmotnost
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	NO
Unique	NO

Attribute 'skupina'

Caption	skupina
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Int(10)
Not Null	NO
Unique	NO

Attribute 'znacka'

Caption	znacka
Entity	PeriodickaTabulka
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(20)
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Podminky
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO

Attribute 'idPodminky'

Caption	idPodminky
Entity	Podminky
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idPristroje'

Caption	idPristroje		
Entity	Podminky		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Pristroje
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Podminky		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	Podminky
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(50)
Not Null	YES
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	Podminky
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'poznamka'

Caption	poznamka
Entity	Podminky
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Prilohy
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idPrilohy'

Caption	idPrilohy
Entity	Prilohy
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Prilohy		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idVzorek'

Caption	idVzorek		
Entity	Prilohy		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Vzorek
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	Prilohy
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'nazevSoubor'

Caption	nazevSoubor
Entity	Prilohy
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'obsahSoubor'

Caption	obsahSoubor
Entity	Prilohy
Primary Key	NO
Foreign Key	NO
Data Type	Longblob
Not Null	YES
Unique	NO

Attribute 'typSoubor'

Caption	typSoubor
Entity	Prilohy
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'velikostSoubor'

Caption	velikostSoubor
Entity	Prilohy
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	PrilohyMereni
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idMereni'

Caption	idMereni		
Entity	PrilohyMereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Mereni
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idPrilohyMereni'

Caption	idPrilohyMereni		
Entity	PrilohyMereni		
Primary Key	YES		
Foreign Key	NO		
Data Type	Int(11)		
Not Null	YES		
Unique	YES		

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	PrilohyMereni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	PrilohyMereni
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'nazevSoubor'

Caption	nazevSoubor
Entity	PrilohyMereni
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'obsahSoubor'

Caption	obsahSoubor
Entity	PrilohyMereni
Primary Key	NO
Foreign Key	NO
Data Type	Longblob
Not Null	YES
Unique	NO

Attribute 'poznamka'

Caption	poznamka
Entity	PrilohyMereni
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'typSoubor'

Caption	typSoubor
Entity	PrilohyMereni
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'velikostSoubor'

Caption	velikostSoubor
Entity	PrilohyMereni
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Pristroje
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO

Attribute 'idMetody'

Caption	idMetody		
Entity	Pristroje		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Metody
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idPristroje'

Caption	idPristroje
Entity	Pristroje
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	NO

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Pristroje		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	Pristroje
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(50)
Not Null	YES
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	Pristroje
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'poznanka'

Caption	poznanka
Entity	Pristroje
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	YES
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Slozeni
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO

Attribute 'hlavniVedlejsiPrvek'

Caption	hlavniVedlejsiPrvek
Entity	Slozeni
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO

Attribute 'idPrvek'

Caption	idPrvek		
Entity	Slozeni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	PeriodickaTabulka
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idSlozeni'

Caption	idSlozeni		
Entity	Slozeni		
Primary Key	YES		
Foreign Key	NO		
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idSpektrum'

Caption	idSpektrum		
Entity	Slozeni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Spektrum
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Slozeni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'datum'

Caption	datum		
Entity	Spektrum		
Primary Key	NO		
Foreign Key	NO		
Data Type	Datetime		
Not Null	YES		
Unique	NO		
Default	CURRENT_TIMESTAMP		

Attribute 'datumMereni'

Caption	datumMereni
Entity	Spektrum
Primary Key	NO
Foreign Key	NO
Data Type	Date
Not Null	NO
Unique	NO

Attribute 'idMereni'

Caption	idMereni		
Entity	Spektrum		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Mereni
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idSpektrum'

Caption	idSpektrum
Entity	Spektrum
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Spektrum		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'platnost'

Caption	platnost
Entity	Spektrum
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'poznamka'

Caption	poznamka
Entity	Spektrum
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'datum'

Caption	datum
Entity	SpojeniUzivatelOpraveni
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idOpraveni'

Caption	idOpravneni		
Entity	SpojeniUzivatelOpravneni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Opravneni
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	SpojeniUzivatelOpraveni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idUzivatelAutor'

Caption	idUzivatelAutor		
Entity	SpojeniUzivatelOpraveni		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'platnost'

Caption	platnost
Entity	SpojeniUzivatelOpraveni
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'datum'

Caption	datum
Entity	TypFotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idTypFotoVzorek'

Caption	idTypFotoVzorek
Entity	TypFotoVzorek
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	TypFotoVzorek		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'nazev'

Caption	nazev
Entity	TypFotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(50)
Not Null	YES
Unique	YES

Attribute 'platnost'

Caption	platnost
Entity	TypFotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'poznamka'

Caption	poznamka
Entity	TypFotoVzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'datumPrihlaseni'

Caption	datumPrihlaseni
Entity	Uzivatele
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	NO
Unique	NO

Attribute 'datumZalozeni'

Caption	datumZalozeni
Entity	Uzivatele
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO

Attribute 'FK_idUzivatel'

Caption	Foreign idUzivatel		
Entity	Uzivatele		
Primary Key	NO		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	NO		
Unique	NO		

Attribute 'heslo'

Caption	heslo
Entity	Uzivatele
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'idUzivatel'

Caption	idUzivatel
Entity	Uzivatele
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'jmeno'

Caption	jmeno
Entity	Uzivatele
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	Uzivatele
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'chemickaZnacka'

Caption	chemickaZnacka
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	YES
Unique	NO

Attribute 'colorIndex'

Caption	colorIndex
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Int(11)
Not Null	NO
Unique	NO

Attribute 'datum'

Caption	datum
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Datetime
Not Null	YES
Unique	NO
Default	CURRENT_TIMESTAMP

Attribute 'idUzivatel'

Caption	idUzivatel		
Entity	Vzorek		
Primary Key	YES		
Foreign Key	YES	Parent Entity	Uzivatele
Data Type	Int(11)		
Not Null	YES		
Unique	NO		

Attribute 'idVzorek'

Caption	idVzorek
Entity	Vzorek
Primary Key	YES
Foreign Key	NO
Data Type	Int(11)
Not Null	YES
Unique	YES

Attribute Properties

Autoincrement	YES
----------------------	-----

Attribute 'kas'

Caption	kas
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'nazevCZ'

Caption	nazevCZ
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	YES
Unique	NO

Attribute 'nazevEN'

Caption	nazevEN
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'obchodniNazev'

Caption	obchodniNazev
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'platnost'

Caption	platnost
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Bool
Not Null	YES
Unique	NO
Default	1

Attribute 'poznámka'

Caption	poznámka
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Attribute 'vyrobce'

Caption	vyrobce
Entity	Vzorek
Primary Key	NO
Foreign Key	NO
Data Type	Text
Not Null	NO
Unique	NO

Key Report

Type	Full Name	Entity
AK	idFoto	FotoMereni
PK	Key9	FotoMereni
AK	idFoto	FotoSpektrum
PK	Key9	FotoSpektrum
AK	idFoto	FotoVzorek
PK	Key9	FotoVzorek
AK	idHodnoty	Hodnoty
PK	Key12	Hodnoty
AK	idMereni	Mereni
PK	Key8	Mereni
PK	Key24	MereniOdkud
AK	Key25	MereniOdkud
AK	idKraj	Metody
PK	Key7	Metody
AK	nazev	Metody
AK	idOpraveni	Opraveni
PK	Key19	Opraveni
AK	nazev	Opraveni
AK	idHodnoty	Pasy
PK	Key12	Pasy
AK	idPrvek	PeriodickaTabulka
PK	Key22	PeriodickaTabulka
PK	Key24	Podminky
AK	Key25	Podminky
AK	idPrilohy	Prilohy
PK	Key15	Prilohy
AK	idPrilohy	PrilohyMereni
PK	Key15	PrilohyMereni
PK	Key24	Pristroje
AK	Key25	Pristroje
PK	Key23	Slozeni
AK	idMereni	Spektrum
PK	Key8	Spektrum
PK	Key20	SpojeniUzivatelOpraveni
AK	idKraj	TypFotoVzorek
PK	Key7	TypFotoVzorek
AK	nazev	TypFotoVzorek
AK	idUzivatel	Uzivatele
PK	Key18	Uzivatele
AK	idVzorek	Vzorek
PK	Key6	Vzorek

Key 'idFoto'

Caption	idFoto		
Type	Alternate Key		
Entity	FotoMereni		
Attribute	Order	Foreign Key	
idFotoMereni	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key9'

Caption	Key9		
Type	Primary Key		
Entity	FotoMereni		
Attribute	Order	Foreign Key	
idFotoMereni	ASC	NO	
idUzivatel	ASC	YES	
idMereni	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'idFoto'

Caption	idFoto		
Type	Alternate Key		
Entity	FotoSpektrum		
Attribute	Order	Foreign Key	
idFotoSpektrum	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key9'

Caption	Key9		
Type	Primary Key		
Entity	FotoSpektrum		
Attribute	Order	Foreign Key	
idFotoSpektrum	ASC	NO	
idUzivatel	ASC	YES	
idSpektrum	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'idFoto'

Caption	idFoto		
Type	Alternate Key		
Entity	FotoVzorek		
Attribute	Order	Foreign Key	
idFotoVzorek	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key9'

Caption	Key9		
Type	Primary Key		
Entity	FotoVzorek		
Attribute	Order	Foreign Key	
idFotoVzorek	ASC	NO	
idUzivatel	ASC	YES	
idVzorek	ASC	YES	
idTypFoto	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'idHodnoty'

Caption	idHodnoty		
Type	Alternate Key		
Entity	Hodnoty		
Attribute	Order	Foreign Key	
idHodnoty	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key12'

Caption	Key12		
Type	Primary Key		
Entity	Hodnoty		
Attribute	Order	Foreign Key	
idHodnoty	ASC	NO	
idSpektrum	ASC	YES	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'idMereni'

Caption	idMereni		
Type	Alternate Key		
Entity	Mereni		
Attribute	Order	Foreign Key	
idMereni	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key8'

Caption	Key8		
Type	Primary Key		
Entity	Mereni		
Attribute	Order	Foreign Key	
idMereni	ASC	NO	
idUzivatel	ASC	YES	
idVzorek	ASC	YES	
idMereniOdkud	ASC	YES	
idPodminky	ASC	YES	
idPristroje	ASC	YES	
idMetody	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key24'

Caption	Key24		
Type	Primary Key		
Entity	MereniOdkud		
Attribute	Order	Foreign Key	
idMereniOdkud	ASC	NO	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key25'

Caption	Key25		
Type	Alternate Key		
Entity	MereniOdkud		
Attribute	Order	Foreign Key	
idMereniOdkud	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'idKraj'

Caption	idKraj		
Type	Alternate Key		
Entity	Metody		
Attribute	Order	Foreign Key	
idMetody	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key7'

Caption	Key7		
Type	Primary Key		
Entity	Metody		
Attribute	Order	Foreign Key	
idMetody	ASC	NO	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'nazev'

Caption	nazev		
Type	Alternate Key		
Entity	Metody		
Attribute	Order	Foreign Key	
nazev	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'idOpravneni'

Caption	idOpravneni		
Type	Alternate Key		
Entity	Opravneni		
Attribute	Order	Foreign Key	
idOpravneni	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key19'

Caption	Key19		
Type	Primary Key		
Entity	Opravneni		
Attribute	Order	Foreign Key	
idOpravneni	ASC	NO	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
------------	---------

Key 'nazev'

Caption	nazev		
Type	Alternate Key		
Entity	Opraveni		
Attribute	Order	Foreign Key	
nazev	ASC	NO	

Key Properties

Index Type	Default
------------	---------

Key 'idHodnoty'

Caption	idHodnoty		
Type	Alternate Key		
Entity	Pasy		
Attribute	Order	Foreign Key	
idPasy	ASC	NO	

Key Properties

Index Type	Default
------------	---------

Key 'Key12'

Caption	Key12		
Type	Primary Key		
Entity	Pasy		
Attribute	Order	Foreign Key	
idPasy	ASC	NO	
idUzivatel	ASC	YES	
idSpektrum	ASC	YES	

Key Properties

Index Type	Default
------------	---------

Key 'idPrvek'

Caption	idPrvek		
Type	Alternate Key		
Entity	PeriodickaTabulka		
Attribute	Order	Foreign Key	
idPrvek	ASC	NO	

Key Properties

Index Type	Default
------------	---------

Key 'Key22'

Caption	Key22		
Type	Primary Key		
Entity	PeriodickaTabulka		
Attribute	Order	Foreign Key	
idPrvek	ASC	NO	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key24'

Caption	Key24		
Type	Primary Key		
Entity	Podminky		
Attribute	Order	Foreign Key	
idPodminky	ASC	NO	
idUzivatel	ASC	YES	
idPristroje	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key25'

Caption	Key25		
Type	Alternate Key		
Entity	Podminky		
Attribute	Order	Foreign Key	
idPodminky	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'idPrilohy'

Caption	idPrilohy		
Type	Alternate Key		
Entity	Prilohy		
Attribute	Order	Foreign Key	
idPrilohy	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key15'

Caption	Key15		
Type	Primary Key		
Entity	Prilohy		
Attribute	Order	Foreign Key	
idPrilohy	ASC	NO	
idUzivatel	ASC	YES	
idVzorek	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'idPrilohy'

Caption	idPrilohy		
Type	Alternate Key		
Entity	PrilohyMereni		
Attribute	Order	Foreign Key	
idPrilohyMereni	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key15'

Caption	Key15		
Type	Primary Key		
Entity	PrilohyMereni		
Attribute	Order	Foreign Key	
idPrilohyMereni	ASC	NO	
idMereni	ASC	YES	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key24'

Caption	Key24		
Type	Primary Key		
Entity	Pristroje		
Attribute	Order	Foreign Key	
idPristroje	ASC	NO	
idMetody	ASC	YES	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key25'

Caption	Key25		
Type	Alternate Key		
Entity	Pristroje		
Attribute	Order	Foreign Key	
idPristroje	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key23'

Caption	Key23		
Type	Primary Key		
Entity	Slozeni		
Attribute	Order	Foreign Key	
idSlozeni	ASC	NO	
idUzivatel	ASC	YES	
idPrvek	ASC	YES	
idSpektrum	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'idMereni'

Caption	idMereni		
Type	Alternate Key		
Entity	Spektrum		
Attribute	Order	Foreign Key	
idSpektrum	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key8'

Caption	Key8		
Type	Primary Key		
Entity	Spektrum		
Attribute	Order	Foreign Key	
idSpektrum	ASC	NO	
idUzivatel	ASC	YES	
idMereni	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key20'

Caption	Key20		
Type	Primary Key		
Entity	SpojeniUzivatelOpraveni		
Attribute	Order	Foreign Key	
idUzivatel	ASC	YES	
idOpraveni	ASC	YES	
idUzivatelAutor	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'idKraj'

Caption	idKraj		
Type	Alternate Key		
Entity	TypFotoVzorek		
Attribute	Order	Foreign Key	
idTypFotoVzorek	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key7'

Caption	Key7		
Type	Primary Key		
Entity	TypFotoVzorek		
Attribute	Order	Foreign Key	
idTypFotoVzorek	ASC	NO	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Key 'nazev'

Caption	nazev		
Type	Alternate Key		
Entity	TypFotoVzorek		
Attribute	Order	Foreign Key	
nazev	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'idUzivatel'

Caption	idUzivatel		
Type	Alternate Key		
Entity	Uzivatele		
Attribute	Order	Foreign Key	
idUzivatel	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key18'

Caption	Key18		
Type	Primary Key		
Entity	Uzivatele		
Attribute	Order	Foreign Key	
idUzivatel	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'idVzorek'

Caption	idVzorek		
Type	Alternate Key		
Entity	Vzorek		
Attribute	Order	Foreign Key	
idVzorek	ASC	NO	

Key Properties

Index Type	Default
-------------------	---------

Key 'Key6'

Caption	Key6		
Type	Primary Key		
Entity	Vzorek		
Attribute	Order	Foreign Key	
idVzorek	ASC	NO	
idUzivatel	ASC	YES	

Key Properties

Index Type	Default
-------------------	---------

Index Report

Full Name	Unique	Entity
IX_Relationship8	NO	Uzivatele

Index 'IX_Relationship8'

Caption	IX_Relationship8			
Entity	Uzivatele			
Unique	NO			
Attribute	Order	Primary Key	Foreign Key	
FK_idUzivatel	ASC	NO	YES	

Index Properties

Index Type	Default
-------------------	---------

Relationship Report

Full Name	Type	Parent Entity	Child Entity	Card.
autorFotoMereni	Identifying	Uzivatele	FotoMereni	1:N
autorFotoSpektrum	Identifying	Uzivatele	FotoSpektrum	1:N
autorFotoVzorek	Identifying	Uzivatele	FotoVzorek	1:N
autorHodnoty	Identifying	Uzivatele	Hodnoty	1:N
autorMereni	Identifying	Uzivatele	Mereni	1:N
autorMereniOdkud	Identifying	Uzivatele	MereniOdkud	1:N
autorMereniPriloha	Identifying	Uzivatele	PrilohyMereni	1:N
autorOpravneni	Identifying	Uzivatele	Opravneni	1:N
autorPas	Identifying	Uzivatele	Pasy	1:N
autorPeriodickaTabulka	Identifying	Uzivatele	PeriodickaTabulka	1:N
autorPodminky	Identifying	Uzivatele	Podminky	1:N
autorPrilohy	Identifying	Uzivatele	Prilohy	1:N
autorPristroje	Identifying	Uzivatele	Pristroje	1:N
autorSlozeni	Identifying	Uzivatele	Slozeni	1:N
autorSpektrum	Identifying	Uzivatele	Spektrum	1:N
autorSpojeniUzivatelOpravneni	Identifying	Uzivatele	SpojenuzivatelOpravneni	1:N
autorTypFotoVzorek	Identifying	Uzivatele	TypFotoVzorek	1:N
autorTypMereni	Identifying	Uzivatele	Metody	1:N
autorUzivatele	Non-identifying	Uzivatele	Uzivatele	1:N
autorVzorek	Identifying	Uzivatele	Vzorek	1:N
maFotoMereni	Identifying	Mereni	FotoMereni	1:N
maFotoSpektrum	Identifying	Spektrum	FotoSpektrum	1:N
maFotoVzorek	Identifying	Vzorek	FotoVzorek	1:N
maHodnoty	Identifying	Spektrum	Hodnoty	1:N
maMereni	Identifying	Vzorek	Mereni	1:N
maOpravneni1	Identifying	Uzivatele	SpojenuzivatelOpravneni	1:N
maOpravneni2	Identifying	Opravneni	SpojenuzivatelOpravneni	1:N
maPasy	Identifying	Spektrum	Pasy	1:N
maPodminku	Identifying	Pristroje	Podminky	1:N
maPrilohuMereni	Identifying	Mereni	PrilohyMereni	1:N
maPrilohy	Identifying	Vzorek	Prilohy	1:N
maPristroj	Identifying	Metody	Pristroje	1:N
maSlozeni	Identifying	Spektrum	Slozeni	1:N
maSpektrum	Identifying	Mereni	Spektrum	1:N
maTypFotoVzorek	Identifying	TypFotoVzorek	FotoVzorek	1:N
mereniKde	Identifying	MereniOdkud	Mereni	1:N
poskytujePrvky	Identifying	PeriodickaTabulka	Slozeni	1:N
pouzitaMetoda	Identifying	Metody	Mereni	1:N
pouzitPristroj	Identifying	Pristroje	Mereni	1:N
pouzityPodminky	Identifying	Podminky	Mereni	1:N

Relationship 'autorFotoMereni'

Caption	autorFotoMereni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	FotoMereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorFotoSpektrum'

Caption	autorFotoSpektrum		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	FotoSpektrum		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorFotoVzorek'

Caption	autorFotoVzorek		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	FotoVzorek		

Referential Integrity

	Update	Delete
Parent	NO ACTION	NO ACTION

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorHodnoty'

Caption	autorHodnoty		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Hodnoty		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorMereni'

Caption	autorMereni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Mereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorMereniOdkud'

Caption	autorMereniOdkud		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	MereniOdkud		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorMereniPriloha'

Caption	autorMereniPriloha		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	PrilohyMereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorOpravneni'

Caption	autorOpravneni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Opravneni		

Referential Integrity

	Update	Delete
Parent	NO ACTION	NO ACTION

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorPas'

Caption	autorPas		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Pasy		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorPeriodickaTabulka'

Caption	autorPeriodickaTabulka		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	PeriodickaTabulka		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Primary Key 'Key18'	idUzivatel	Key18

Relationship 'autorPodminky'

Caption	autorPodminky		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Podminky		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorPrilohy'

Caption	autorPrilohy		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Prilohy		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorPristroje'

Caption	autorPristroje		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Pristroje		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Primary Key 'Key18'	idUzivatel	Key18

Relationship 'autorSlozeni'

Caption	autorSlozeni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Slozeni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorSpektrum'

Caption	autorSpektrum		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Spektrum		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorSpojeniUzivatelOpravneni'

Caption	autorSpojeniUzivatelOpravneni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	SpojeniUzivatelOpravneni		

Referential Integrity

	Update	Delete
Parent	NO ACTION	NO ACTION

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorTypFotoVzorek'

Caption	autorTypFotoVzorek		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	TypFotoVzorek		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorTypMereni'

Caption	autorTypMereni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Metody		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'autorUzivatele'

Caption	autorUzivatele		
Type	Non-identifying	Cardinality	1:N
Mandatory Parent	NO		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Uzivatele		

Referential Integrity

	Update	Delete
Parent	NO ACTION	NO ACTION

Keys

Key Type	Parent Key	Child Key
Primary Key 'Key18'	idUzivatel	Key18

Relationship 'autorVzorek'

Caption	autorVzorek		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	Vzorek		

Referential Integrity

	Update	Delete
Parent	NO ACTION	NO ACTION

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idUzivatel'	idUzivatel	idUzivatel

Relationship 'maFotoMereni'

Caption	maFotoMereni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Mereni		
Child Entity	FotoMereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idMereni'	idMereni	idMereni

Relationship 'maFotoSpektrum'

Caption	maFotoSpektrum		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Spektrum		
Child Entity	FotoSpektrum		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idMereni'	idSpektrum	idMereni

Relationship 'maFotoVzorek'

Caption	maFotoVzorek		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Vzorek		
Child Entity	FotoVzorek		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idVzorek'	idVzorek	idVzorek

Relationship 'maHodnoty'

Caption	maHodnoty		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Spektrum		
Child Entity	Hodnoty		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idMereni'	idSpektrum	idMereni

Relationship 'maMereni'

Caption	maMereni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Vzorek		
Child Entity	Mereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idVzorek'	idVzorek	idVzorek

Relationship 'maOpravneni1'

Caption	maOpravneni1		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Uzivatele		
Child Entity	SpojeniUzivatelOpravneni		

Referential Integrity

	Update	Delete
Parent	NO ACTION	NO ACTION

Keys

Key Type	Parent Key	Child Key
Primary Key 'Key18'	idUzivatel	Key18

Relationship 'maOpravneni2'

Caption	maOpravneni2		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Opravneni		
Child Entity	SpojeniUzivatelOpravneni		

Referential Integrity

	Update	Delete
Parent	NO ACTION	NO ACTION

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idOpravneni'	idOpravneni	idOpravneni

Relationship 'maPasy'

Caption	maPasy		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Spektrum		
Child Entity	Pasy		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idMereni'	idSpektrum	idMereni

Relationship 'maPodminku'

Caption	maPodminku		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Pistroje		
Child Entity	Podminky		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'Key25'	idPistroje	Key25

Relationship 'maPrilohuMereni'

Caption	maPrilohuMereni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Mereni		
Child Entity	PrilohyMereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idMereni'	idMereni	idMereni

Relationship 'maPrilohy'

Caption	maPrilohy		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Vzorek		
Child Entity	Prilohy		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idVzorek'	idVzorek	idVzorek

Relationship 'maPristroj'

Caption	maPristroj		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Metody		
Child Entity	Pristroje		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idKraj'	idMetody	idKraj

Relationship 'maSlozeni'

Caption	maSlozeni		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Spektrum		
Child Entity	Slozeni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idMereni'	idSpektrum	idMereni

Relationship 'maSpektrum'

Caption	maSpektrum		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Mereni		
Child Entity	Spektrum		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idMereni'	idMereni	idMereni

Relationship 'maTypFotoVzorek'

Caption	maTypFotoVzorek		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	TypFotoVzorek		
Child Entity	FotoVzorek		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idKraj'	idTypFotoVzorek	idKraj

Relationship 'mereniKde'

Caption	mereniKde		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	MereniOdkud		
Child Entity	Mereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'Key25'	idMereniOdkud	Key25

Relationship 'poskytujePrvky'

Caption	poskytujePrvky		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	PeriodickaTabulka		
Child Entity	Slozeni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idPrvek'	idPrvek	idPrvek

Relationship 'pouzitaMetoda'

Caption	pouzitaMetoda		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Metody		
Child Entity	Mereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'idKraj'	idMetody	idKraj

Relationship 'pouzitPristroj'

Caption	pouzitPristroj		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Pristroje		
Child Entity	Mereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'Key25'	idPristroje	Key25

Relationship 'pouzityPodminky'

Caption	pouzityPodminky		
Type	Identifying	Cardinality	1:N
Mandatory Parent	YES		
Mandatory Child	NO		
Parent Entity	Podminky		
Child Entity	Mereni		

Referential Integrity

	Update	Delete
Parent	RESTRICT	RESTRICT

Keys

Key Type	Parent Key	Child Key
Alternate Key 'Key25'	idPodminky	Key25

Statistic Information

Entities	20				
Attributes	166				
Domains	0				
User Data Types	0				
Relationships	40	Identifying	39	Non-identifying	1
Indexes	1				
Keys	41	Primary Keys	20	Alternate Keys	21
Entity Triggers	0				
Views	0				
View Relationships	0				
Procedures	0				
Functions	0				
Defaults	0				
Databases	0				
Users	0				
User Groups	0				
Notes	0				