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# LOGICAL MODEL

FOR PROJECT

MODEL

**Logical model**

Version

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Toad<sup>TM</sup> Data Modeler  
FREWARE VERSION

Created: 5/6/2014  
Last Modified: 5/6/2014

**Entity Report**

Entity Name	Primary Unique Identifier	# Attributes
Admin	IDAdmin	3
Firma		3
FizLice		2
Mejl	IDMejl	5
Mod	IDMod	3
Porudzbina	IDPor	6
RegKorisnik	IDReg	5
Torta	IDTorta	9



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**Entity 'Admin'**

<b>Caption</b>	Admin
<b>Primary Unique Identifier</b>	Unique_Identifier6

**Attributes**

PUI	Attribute Name	Domain	Data Type	M <sup>1)</sup>	D <sup>2)</sup>	R <sup>3)</sup>	Description
YES	IDadmin		Bigint	YES	NO	NO	
NO	Korlme		Character(20)	NO	NO	NO	
NO	Sifra		Character(20)	NO	NO	NO	

**Unique Identifiers**

PUI	Unique Identifier Name	Attributes
YES	Unique_Identifier6	IDadmin

**Attribute 'IDadmin'**

<b>Caption</b>	IDadmin
<b>Entity Name</b>	Admin
<b>Primary Unique Identifier</b>	YES
<b>Data Type</b>	Bigint
<b>Mandatory</b>	YES

**Attribute 'Korlme'**

<b>Caption</b>	Korlme
<b>Entity Name</b>	Admin
<b>Data Type</b>	Character(20)
<b>Mandatory</b>	NO

**Attribute 'Sifra'**

<b>Caption</b>	Sifra
<b>Entity Name</b>	Admin
<b>Data Type</b>	Character(20)
<b>Mandatory</b>	NO

**Entity 'Firma' (child entity of RegKorisnik)**

<b>Caption</b>	Firma
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**Attributes**

PUI	Attribute Name	Domain	Data Type	M <sup>1)</sup>	D <sup>2)</sup>	R <sup>3)</sup>	Description
NO	Naziv		Text	NO	NO	NO	
NO	Delatonost		Text	NO	NO	NO	
NO	Lokacija		Text	NO	NO	NO	

**Attribute 'Naziv'**

<b>Caption</b>	Naziv
<b>Entity Name</b>	Firma
<b>Data Type</b>	Text
<b>Mandatory</b>	NO

**Attribute 'Delatonost'**

<b>Caption</b>	Delatonost
<b>Entity Name</b>	Firma
<b>Data Type</b>	Text
<b>Mandatory</b>	NO

**Attribute 'Lokacija'**

<b>Caption</b>	Lokacija
<b>Entity Name</b>	Firma
<b>Data Type</b>	Text
<b>Mandatory</b>	NO

**Entity 'FizLice' (child entity of RegKorisnik)**

<b>Caption</b>	FizLice
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**Attributes**

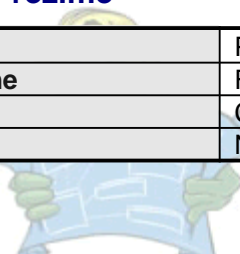
PUI	Attribute Name	Domain	Data Type	M <sup>1)</sup>	D <sup>2)</sup>	R <sup>3)</sup>	Description
NO	Ime		Character(20)	NO	NO	NO	
NO	Prezime		Character(20)	NO	NO	NO	

**Attribute 'Ime'**

<b>Caption</b>	Ime
<b>Entity Name</b>	FizLice
<b>Data Type</b>	Character(20)
<b>Mandatory</b>	NO

**Attribute 'Prezime'**

<b>Caption</b>	Prezime
<b>Entity Name</b>	FizLice
<b>Data Type</b>	Character(20)
<b>Mandatory</b>	NO


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**Entity 'Mejl'**

<b>Caption</b>	Mejl
<b>Primary Unique Identifier</b>	Unique_Identifier8

**Attributes**

PUI	Attribute Name	Domain	Data Type	M <sup>1)</sup>	D <sup>2)</sup>	R <sup>3)</sup>	Description
YES	IDMejl		Bigint	YES	NO	NO	
NO	Email		Character(30)	NO	NO	NO	
NO	LicniPodaci		Text	NO	NO	NO	
NO	Naslov		Character(50)	NO	NO	NO	
NO	Poruka		Text	NO	NO	NO	

**Unique Identifiers**

PUI	Unique Identifier Name	Attributes
YES	Unique_Identifier8	IDMejl

**Attribute 'IDMejl'**

<b>Caption</b>	IDMejl
<b>Entity Name</b>	Mejl
<b>Primary Unique Identifier</b>	YES
<b>Data Type</b>	Bigint
<b>Mandatory</b>	YES

**Attribute 'Email'**

<b>Caption</b>	Email
<b>Entity Name</b>	Mejl
<b>Data Type</b>	Character(30)
<b>Mandatory</b>	NO

**Attribute 'LicniPodaci'**

<b>Caption</b>	LicniPodaci
<b>Entity Name</b>	Mejl
<b>Data Type</b>	Text
<b>Mandatory</b>	NO

**Attribute 'Naslov'**

<b>Caption</b>	Naslov
<b>Entity Name</b>	Mejl
<b>Data Type</b>	Character(50)
<b>Mandatory</b>	NO

**Attribute 'Poruka'**

<b>Caption</b>	Poruka
<b>Entity Name</b>	Mejl
<b>Data Type</b>	Text
<b>Mandatory</b>	NO

**Entity 'Mod'**

<b>Caption</b>	Mod
<b>Primary Unique Identifier</b>	Unique_Identifier7

**Attributes**

PUI	Attribute Name	Domain	Data Type	M <sup>1)</sup>	D <sup>2)</sup>	R <sup>3)</sup>	Description
YES	IDMod		Bigint	YES	NO	NO	
NO	Korlme		Character(20)	NO	NO	NO	
NO	Sifra		Character(20)	NO	NO	NO	

**Unique Identifiers**

PUI	Unique Identifier Name	Attributes
YES	Unique_Identifier7	IDMod

**Attribute 'IDMod'**

<b>Caption</b>	IDMod
<b>Entity Name</b>	Mod
<b>Primary Unique Identifier</b>	YES
<b>Data Type</b>	Bigint
<b>Mandatory</b>	YES

**Attribute 'Korlme'**

<b>Caption</b>	Korlme
<b>Entity Name</b>	Mod
<b>Data Type</b>	Character(20)
<b>Mandatory</b>	NO

**Attribute 'Sifra'**

<b>Caption</b>	Sifra
<b>Entity Name</b>	Mod
<b>Data Type</b>	Character(20)
<b>Mandatory</b>	NO

**Entity 'Porudzbina'**

<b>Caption</b>	Porudzbina
<b>Primary Unique Identifier</b>	Unique_Identifier4

**Attributes**

PUI	Attribute Name	Domain	Data Type	M <sup>1)</sup>	D <sup>2)</sup>	R <sup>3)</sup>	Description
YES	IDPor		Bigint	YES	NO	NO	
NO	Ime		Character(60)	NO	NO	NO	
NO	Adresalporuke		Text	NO	NO	NO	
NO	DatumIsporuke		Date	NO	NO	NO	
NO	Kolicina		SmallInt	NO	NO	NO	
NO	Cena		Money	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Relationship Between	Cardinality
JE_PORUCIO	Non-Identifying	RegKorisnik - Porudzbina	1..1 - 0..m
SADRZI	Identifying	Porudzbina - Torta	1..1 - 1..m

**Unique Identifiers**

PUI	Unique Identifier Name	Attributes
YES	Unique_Identifier4	IDPor

**Attribute 'IDPor'**

<b>Caption</b>	IDPor
<b>Entity Name</b>	Porudzbina
<b>Primary Unique Identifier</b>	YES
<b>Data Type</b>	Bigint
<b>Mandatory</b>	YES

**Attribute 'Ime'**

<b>Caption</b>	Ime
<b>Entity Name</b>	Porudzbina
<b>Data Type</b>	Character(60)
<b>Mandatory</b>	NO

**Attribute 'Adresalporuke'**

<b>Caption</b>	Adresalporuke
<b>Entity Name</b>	Porudzbina
<b>Data Type</b>	Text
<b>Mandatory</b>	NO

**Attribute 'DatumIsporuke'**

<b>Caption</b>	DatumIsporuke
<b>Entity Name</b>	Porudzbina
<b>Data Type</b>	Date
<b>Mandatory</b>	NO



**Attribute 'Kolicina'**

<b>Caption</b>	Kolicina
<b>Entity Name</b>	Porudzbina
<b>Data Type</b>	SmallInt
<b>Mandatory</b>	NO

**Attribute 'Cena'**

<b>Caption</b>	Cena
<b>Entity Name</b>	Porudzbina
<b>Data Type</b>	Money
<b>Mandatory</b>	NO



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**Entity 'RegKorisnik'**

<b>Caption</b>	RegKorisnik
<b>Primary Unique Identifier</b>	Unique_Identifier1

**Attributes**

PUI	Attribute Name	Domain	Data Type	M <sup>1)</sup>	D <sup>2)</sup>	R <sup>3)</sup>	Description
YES	IDReg		Bigint	YES	NO	NO	
NO	KorIme		Character(20)	NO	NO	NO	
NO	Sifra		Character(20)	NO	NO	NO	
NO	Email		Character(30)	NO	NO	NO	
NO	Telefon		Number	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Relationship Between	Cardinality
JE_PORUCIO	Non-Identifying	RegKorisnik - Porudzbina	1..1 - 0..m

**Unique Identifiers**

PUI	Unique Identifier Name	Attributes
YES	Unique_Identifier1	IDReg

**Attribute 'IDReg'**

<b>Caption</b>	IDReg
<b>Entity Name</b>	RegKorisnik
<b>Primary Unique Identifier</b>	YES
<b>Data Type</b>	Bigint
<b>Mandatory</b>	YES

**Attribute 'KorIme'**

<b>Caption</b>	KorIme
<b>Entity Name</b>	RegKorisnik
<b>Data Type</b>	Character(20)
<b>Mandatory</b>	NO

**Attribute 'Sifra'**

<b>Caption</b>	Sifra
<b>Entity Name</b>	RegKorisnik
<b>Data Type</b>	Character(20)
<b>Mandatory</b>	NO

**Attribute 'Email'**

<b>Caption</b>	Email
<b>Entity Name</b>	RegKorisnik
<b>Data Type</b>	Character(30)
<b>Mandatory</b>	NO

**Attribute 'Telefon'**

<b>Caption</b>	Telefon
<b>Entity Name</b>	RegKorisnik
<b>Data Type</b>	Number
<b>Mandatory</b>	NO



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**Entity 'Torta'**

<b>Caption</b>	Torta
<b>Primary Unique Identifier</b>	Unique_Identifier5

**Attributes**

PUI	Attribute Name	Domain	Data Type	M <sup>1)</sup>	D <sup>2)</sup>	R <sup>3)</sup>	Description
YES	IDTorta		Bigint	YES	NO	NO	
NO	Cena		Money	NO	NO	NO	
NO	Tezina		SmallInt	NO	NO	NO	
NO	Voce		VarChar(30)	NO	NO	NO	
NO	KostVoce		VarChar(30)	NO	NO	NO	
NO	Kremovi		VarChar(30)	NO	NO	NO	
NO	Slagovi		VarChar(30)	NO	NO	NO	
NO	Kekskore		VarChar(30)	NO	NO	NO	
NO	PosebanOblik		VarChar(30)	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Relationship Between	Cardinality
SADRZI	Identifying	Porudzbina - Torta	1..1 - 1..m

**Unique Identifiers**

PUI	Unique Identifier Name	Attributes
YES	Unique_Identifier5	IDTorta

**Attribute 'IDTorta'**

<b>Caption</b>	IDTorta
<b>Entity Name</b>	Torta
<b>Primary Unique Identifier</b>	YES
<b>Data Type</b>	Bigint
<b>Mandatory</b>	YES

**Attribute 'Cena'**

<b>Caption</b>	Cena
<b>Entity Name</b>	Torta
<b>Data Type</b>	Money
<b>Mandatory</b>	NO

**Attribute 'Tezina'**

<b>Caption</b>	Tezina
<b>Entity Name</b>	Torta
<b>Data Type</b>	SmallInt
<b>Mandatory</b>	NO

**Attribute 'Voce'**

<b>Caption</b>	Voce
<b>Entity Name</b>	Torta
<b>Data Type</b>	VarChar(30)
<b>Mandatory</b>	NO

**Attribute 'KostVoce'**

<b>Caption</b>	KostVoce
<b>Entity Name</b>	Torta
<b>Data Type</b>	VarChar(30)
<b>Mandatory</b>	NO

**Attribute 'Kremovi'**

<b>Caption</b>	Kremovi
<b>Entity Name</b>	Torta
<b>Data Type</b>	VarChar(30)
<b>Mandatory</b>	NO

**Attribute 'Slagovi'**

<b>Caption</b>	Slagovi
<b>Entity Name</b>	Torta
<b>Data Type</b>	VarChar(30)
<b>Mandatory</b>	NO

**Attribute 'Kekskore'**

<b>Caption</b>	Kekskore
<b>Entity Name</b>	Torta
<b>Data Type</b>	VarChar(30)
<b>Mandatory</b>	NO

**Attribute 'PosebanOblik'**

<b>Caption</b>	PosebanOblik
<b>Entity Name</b>	Torta
<b>Data Type</b>	VarChar(30)
<b>Mandatory</b>	NO

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<sup>1)</sup>Mandatory

<sup>2)</sup>Default

<sup>3)</sup>Rule

## Attribute Report

Attribute Name	Entity Name	Domain	Data Type	M	PUI
IDadmin	Admin		Bigint	YES	YES
KorIme	Admin		Character(20)	NO	NO
Sifra	Admin		Character(20)	NO	NO
Delatnost	Firma		Text	NO	NO
Lokacija	Firma		Text	NO	NO
Naziv	Firma		Text	NO	NO
Ime	FizLice		Character(20)	NO	NO
Prezime	FizLice		Character(20)	NO	NO
Email	Mejl		Character(30)	NO	NO
IDMejl	Mejl		Bigint	YES	YES
LicniPodaci	Mejl		Text	NO	NO
Naslov	Mejl		Character(50)	NO	NO
Poruka	Mejl		Text	NO	NO
IDMod	Mod		Bigint	YES	YES
KorIme	Mod		Character(20)	NO	NO
Sifra	Mod		Character(20)	NO	NO
Adresalporuke	Porudzbina		Text	NO	NO
Cena	Porudzbina		Money	NO	NO
DatumIsporuke	Porudzbina		Date	NO	NO
IDPor	Porudzbina		Bigint	YES	YES
Ime	Porudzbina		Character(60)	NO	NO
Kolicina	Porudzbina		SmallInt	NO	NO
Email	RegKorisnik		Character(30)	NO	NO
IDReg	RegKorisnik		Bigint	YES	YES
KorIme	RegKorisnik		Character(20)	NO	NO
Sifra	RegKorisnik		Character(20)	NO	NO
Telefon	RegKorisnik		Number	NO	NO
Cena	Torta		Money	NO	NO
IDTorta	Torta		Bigint	YES	YES
Kekskore	Torta		VarChar(30)	NO	NO
KostVoce	Torta		VarChar(30)	NO	NO
Kremovi	Torta		VarChar(30)	NO	NO
PosebanOblik	Torta		VarChar(30)	NO	NO
Slagovi	Torta		VarChar(30)	NO	NO
Tezina	Torta		SmallInt	NO	NO
Voce	Torta		VarChar(30)	NO	NO

**Unique Identifier Report**

UI Type	Unique Identifier Name	Entity Name
PUI	Unique_Identifier6	Admin
PUI	Unique_Identifier8	Mejl
PUI	Unique_Identifier7	Mod
PUI	Unique_Identifier4	Porudzbina
PUI	Unique_Identifier1	RegKorisnik
PUI	Unique_Identifier5	Torta



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**Unique Identifier 'Unique\_Identifier6'**

<b>Caption</b>	Unique_Identifier6
<b>Entity Name</b>	Admin
<b>Unique Identifier Type</b>	Primary Unique Identifier
<b>Attribute Names</b>	IDAdmin

**Unique Identifier 'Unique\_Identifier8'**

<b>Caption</b>	Unique_Identifier8
<b>Entity Name</b>	Mejl
<b>Unique Identifier Type</b>	Primary Unique Identifier
<b>Attribute Names</b>	IDMejl

**Unique Identifier 'Unique\_Identifier7'**

<b>Caption</b>	Unique_Identifier7
<b>Entity Name</b>	Mod
<b>Unique Identifier Type</b>	Primary Unique Identifier
<b>Attribute Names</b>	IDMod

**Unique Identifier 'Unique\_Identifier4'**

<b>Caption</b>	Unique_Identifier4
<b>Entity Name</b>	Porudzbina
<b>Unique Identifier Type</b>	Primary Unique Identifier
<b>Attribute Names</b>	IDPor

**Unique Identifier 'Unique\_Identifier1'**

<b>Caption</b>	Unique_Identifier1
<b>Entity Name</b>	RegKorisnik
<b>Unique Identifier Type</b>	Primary Unique Identifier
<b>Attribute Names</b>	IDReg

**Unique Identifier 'Unique\_Identifier5'**

<b>Caption</b>	Unique_Identifier5
<b>Entity Name</b>	Torta
<b>Unique Identifier Type</b>	Primary Unique Identifier
<b>Attribute Names</b>	IDTorta



**Relationship Report**

Relationship Name	Relationship Type	Relationship Between	Cardinality
JE_PORUCIO	Non-Identifying	RegKorisnik - Porudzbina	1..1 - 0..m
SADRZI	Identifying	Porudzbina - Torta	1..1 - 1..m



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**Relationship Name 'JE\_PORUCIO'**

<b>Caption</b>	JE_PORUCIO
<b>Relationship Type</b>	Non-Identifying
<b>Foreign Unique Identifier</b>	Unique_Identifier1

**Relationship Between**

<b>Entity</b>	RegKorisnik	<b>Dependency</b>	NO	<b>Cardinality</b>	1..1
<b>Entity</b>	Porudzbina	<b>Dependency</b>	NO	<b>Cardinality</b>	0..m

**Relationship Name 'SADRZI'**

<b>Caption</b>	SADRZI
<b>Relationship Type</b>	Identifying
<b>Foreign Unique Identifier</b>	Unique_Identifier4

**Relationship Between**

<b>Entity</b>	Porudzbina	<b>Dependency</b>	NO	<b>Cardinality</b>	1..1
<b>Entity</b>	Torta	<b>Dependency</b>	YES	<b>Cardinality</b>	1..m



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**Inheritance Report**

Inheritance Name	Exclu sive	Comp lete	Parent Entity
	NO	NO	RegKorisnik



**Inheritance Name "**

<b>Caption</b>	
<b>Exclusive</b>	NO
<b>Complete</b>	NO
<b>Table Implementation</b>	n-1 Tables

**Parent Entity**

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RegKorisnik

**Child Entities**

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Firma  
FizLice

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## Statistic Information

Entities	8				
Attributes	36				
Domains	0				
Relationships	2	Identifying	1	Non-Identifying	1
Unique Identifiers	6				
Defaults	0				
Rules	0				
Inheritances	1	Parent	1	Child	2



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