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# PHYSICAL MODEL

FOR PROJECT  
**ZSMilec-DTM**

MODEL  
**MySQL 5.5**

Version

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Toad Data Modeler  
<http://www.quest.com/toad-data-modeler>  
FREWARE VERSION

Created: 1.4.2013  
Last Modified: 1.4.2013

## Entity Report

Entity Name	Primary Key	# Attributes
COUNCIL	ID	6
DAY	ID, TIMETABLE_ID	4
EMPLOYEE	ID	8
EVENT	ID	5
PARENT	ID	8
PUPIL	ID	11
PUPIL_SUBJECT	PUPIL_ID, SUBJECT_ID	2
RESULT	PUPIL_ID	6
SCHOOL	ID	7
SUBJECT	DAY_ID, TEACHER_ID	6
TASK	SUBJECT_ID	7
TIMETABLE	ID	3



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FREWARE VERSION

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**Entity 'COUNCIL'**

<b>Caption</b>	COUNCIL
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key4'**

<b>Attribute Name</b>	<b>type</b>	<b>Parent Entity</b>
ID	PK	-----

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PK	ID		Bigint	YES	YES	NO	NO	
	NAME		Varchar(20)	NO	NO	NO	NO	
	START_DATE		Date	YES	NO	NO	NO	
	END_DATE		Date	NO	NO	NO	NO	
	TASKS		Varchar(100)	NO	NO	NO	NO	
	RESULTS		Varchar(100)	NO	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
TASK_FK2	Non-identifying	COUNCIL	TASK	1:N

**Keys**

Key Type	Constraint Name	Attributes
PK	Key4	ID
AK	ID	ID

**Entity 'DAY'**

<b>Caption</b>	DAY
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key6'**

Attribute Name	type	Parent Entity
ID	PK	-----
TIMETABLE_ID	PFK	TIMETABLE

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PK	ID		Bigint	YES	YES	NO	NO	
	NAME		Varchar(20)	NO	NO	NO	NO	
	POSITION		Int	YES	NO	NO	NO	
PFK	TIMETABLE_ID		Bigint	YES	YES	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
DAY_FK1	Identifying	TIMETABLE	DAY	1:N
SUBJECT_FK2	Identifying	DAY	SUBJECT	1:N

**Keys**

Key Type	Constraint Name	Attributes
PK	Key6	TIMETABLE_ID, ID
AK	ID	ID
AK	TIMETABLE_ID	TIMETABLE_ID

## Entity 'EMPLOYEE'

Caption	EMPLOYEE
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## Entity Properties

Table Type	Default
Row Format	Default

## Primary Key 'Key2'

Attribute Name	type	Parent Entity
ID	PK	-----

## Attributes

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PK	ID		Bigint	YES	YES	NO	NO	
	FIRST_NAME		Varchar(20)	YES	NO	NO	NO	
	LAST_NAME		Varchar(20)	YES	NO	NO	NO	
	ADDRESS		Varchar(50)	NO	NO	NO	NO	
	PHONE		Varchar(20)	NO	NO	NO	NO	
	EMAIL		Varchar(30)	NO	NO	NO	NO	
	ENTRY_DATE		Date	YES	NO	NO	NO	
	POSITION		Varchar(30)	YES	NO	NO	NO	

## Relationships

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
SUBJECT_FK1	Identifying	EMPLOYEE	SUBJECT	1:N

## Keys

Key Type	Constraint Name	Attributes
PK	Key2	ID
AK	ID	ID

**Entity 'EVENT'**

<b>Caption</b>	EVENT
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key3'**

<b>Attribute Name</b>	<b>type</b>	<b>Parent Entity</b>
ID	PK	-----

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PK	ID		Bigint	YES	YES	NO	NO	
	EVENT_DATE		Date	YES	NO	NO	NO	
	EVENT_TIME		Time	YES	NO	NO	NO	
	TEXT		Varchar(100)	YES	NO	NO	NO	
	TYPE		Char(3)	YES	NO	NO	NO	

**Keys**

Key Type	Constraint Name	Attributes
PK	Key3	ID
AK	ID	ID

**Entity 'PARENT'**

<b>Caption</b>	PARENT
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key9'**

<b>Attribute Name</b>	<b>type</b>	<b>Parent Entity</b>
ID	PK	-----

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PK	ID		Bigint	YES	YES	NO	NO	
	FIRST_NAME		Varchar(20)	NO	NO	NO	NO	
	LAST_NAME		Varchar(20)	NO	NO	NO	NO	
	LOGIN		Varchar(20)	YES	YES	NO	NO	
	PASSWORD		Varchar(20)	YES	NO	NO	NO	
	ADDRESS		Varchar(50)	NO	NO	NO	NO	
	PHONE		Varchar(20)	NO	NO	NO	NO	
	EMAIL		Varchar(30)	NO	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
PUPIL_FK1	Non-identifying	PARENT	PUPIL	1:N

**Keys**

Key Type	Constraint Name	Attributes
PK	Key9	ID
AK	ID	ID
AK	LOGIN	LOGIN

## Entity 'PUPIL'

Caption	PUPIL
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## Entity Properties

Table Type	Default
Row Format	Default

## Primary Key 'Key8'

Attribute Name	type	Parent Entity
ID	PK	-----

## Attributes

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PK	ID		Bigint	YES	YES	NO	NO	
	FIRST_NAME		Varchar(20)	YES	NO	NO	NO	
	LAST_NAME		Varchar(20)	YES	NO	NO	NO	
	LOGIN		Varchar(20)	YES	YES	NO	NO	
	ADDRESS		Varchar(50)	NO	NO	NO	NO	
	EMAIL		Varchar(30)	NO	NO	NO	NO	
	BIRTH_DATE		Date	YES	NO	NO	NO	
	BIRTH_NUMBER		Varchar(11)	NO	NO	NO	NO	
	PARENT_CONTACT		Varchar(50)	NO	NO	NO	NO	
	PASSWORD		Varchar(20)	YES	NO	NO	NO	
FK	PARENT_ID		Bigint	NO	NO	NO	NO	

## Relationships

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
PUPIL_FK1	Non-identifying	PARENT	PUPIL	1:N
RESULT_FK1	Identifying	PUPIL	RESULT	1:N
PUPIL_SUBJECT_FK1	Identifying	PUPIL	PUPIL_SUBJECT	1:N

## Keys

Key Type	Constraint Name	Attributes
PK	Key8	ID
AK	ID	ID
AK	LOGIN	LOGIN



**Entity 'PUPIL\_SUBJECT'**

<b>Caption</b>	PUPIL_SUBJECT
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key12'**

Attribute Name	type	Parent Entity
PUPIL_ID	PFK	PUPIL
SUBJECT_ID	PFK	SUBJECT

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PFK	PUPIL_ID		Bigint	YES	NO	NO	NO	
PFK	SUBJECT_ID		Bigint	YES	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
PUPIL_SUBJECT_FK1	Identifying	PUPIL	PUPIL_SUBJECT	1:N
PUPIL_SUBJECT_FK2	Identifying	SUBJECT	PUPIL_SUBJECT	1:N

**Entity 'RESULT'**

<b>Caption</b>	RESULT
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key10'**

<b>Attribute Name</b>	<b>type</b>	<b>Parent Entity</b>
PUPIL_ID	PFK	PUPIL

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
	ID		Bigint	YES	YES	NO	NO	
	RESULT_DATE		Date	YES	NO	NO	NO	
	NAME		Varchar(30)	YES	NO	NO	NO	
	DESCRIPTION		Varchar(30)	NO	NO	NO	NO	
	EVALUATION		Varchar(20)	YES	NO	NO	NO	
PFK	PUPIL_ID		Bigint	YES	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
RESULT_FK1	Identifying	PUPIL	RESULT	1:N

**Keys**

Key Type	Constraint Name	Attributes
PK	Key10	PUPIL_ID -
AK	ID	ID

**Entity 'SCHOOL'**

<b>Caption</b>	SCHOOL
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key1'**

<b>Attribute Name</b>	<b>type</b>	<b>Parent Entity</b>
ID	PK	-----

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PK	ID		Bigint	YES	YES	NO	NO	
	NAME		Varchar(30)	NO	NO	NO	NO	
	ADDRESS		Varchar(50)	NO	NO	NO	NO	
	PHONE		Varchar(20)	NO	NO	NO	NO	
	EMAIL		Varchar(30)	NO	NO	NO	NO	
	HEADMASTER		Varchar(30)	NO	NO	NO	NO	
	PHONE_MESSAGE		Varchar(20)	NO	NO	NO	NO	

**Keys**

Key Type	Constraint Name	Attributes
PK	Key1	ID
AK	ID	ID

## Entity 'SUBJECT'

Caption	SUBJECT
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## Entity Properties

Table Type	Default
Row Format	Default

## Primary Key 'Key7'

Attribute Name	type	Parent Entity
DAY_ID	PFK	DAY
TEACHER_ID	PFK	EMPLOYEE

## Attributes

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
	ID		Bigint	YES	YES	NO	NO	
	NAME		Varchar(20)	NO	NO	NO	NO	
	SHORT_NAME		Char(4)	NO	NO	NO	NO	
	DESCRIPTION		Varchar(20)	NO	NO	NO	NO	
PFK	DAY_ID		Bigint	YES	NO	NO	NO	
PFK	TEACHER_ID		Bigint	YES	NO	NO	NO	

## Relationships

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
SUBJECT_FK1	Identifying	EMPLOYEE	SUBJECT	1:N
SUBJECT_FK2	Identifying	DAY	SUBJECT	1:N
TASK_FK1	Identifying	SUBJECT	TASK	1:N
PUPIL_SUBJECT_FK2	Identifying	SUBJECT	PUPIL_SUBJECT	1:N

## Keys

Key Type	Constraint Name	Attributes
PK	Key7	DAY_ID, TEACHER_ID
AK	ID	ID

**Entity 'TASK'**

<b>Caption</b>	TASK
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key11'**

<b>Attribute Name</b>	<b>type</b>	<b>Parent Entity</b>
SUBJECT_ID	PFK	SUBJECT

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
	ID		Bigint	YES	YES	NO	NO	
	NAME		Varchar(20)	YES	NO	NO	NO	
	DESCRIPTION		Varchar(100)	NO	NO	NO	NO	
	DEADLINE		Date	YES	NO	NO	NO	
	STATE		Int	YES	NO	NO	NO	
FK	COUNCIL_ID		Bigint	NO	NO	NO	NO	
PFK	SUBJECT_ID		Bigint	YES	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
TASK_FK1	Identifying	SUBJECT	TASK	1:N
TASK_FK2	Non-identifying	COUNCIL	TASK	1:N

**Keys**

Key Type	Constraint Name	Attributes
PK	Key11	SUBJECT_ID
AK	ID	ID

**Entity 'TIMETABLE'**

<b>Caption</b>	TIMETABLE
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**Entity Properties**

<b>Table Type</b>	Default
<b>Row Format</b>	Default

**Primary Key 'Key5'**

<b>Attribute Name</b>	<b>type</b>	<b>Parent Entity</b>
ID	PK	-----

**Attributes**

Key	Attribute Name	Domain	Data Type	N <sup>1)</sup>	U <sup>2)</sup>	C <sup>3)</sup>	D <sup>4)</sup>	Comments
PK	ID		Bigint	YES	YES	NO	NO	
	YEAR		Varchar(9)	YES	NO	NO	NO	
	NAME		Varchar(20)	NO	NO	NO	NO	

**Relationships**

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
DAY_FK1	Identifying	TIMETABLE	DAY	1:N

**Keys**

Key Type	Constraint Name	Attributes
PK	Key5	ID
AK	ID	ID

<sup>1)</sup>Not Null<sup>2)</sup>Unique<sup>3)</sup>Check<sup>4)</sup>Default

## Attribute Report

Attribute Name	Entity Name	Domain	Data Type	PK	FK
END_DATE	COUNCIL		Date	NO	NO
ID	COUNCIL		Bigint	YES	NO
NAME	COUNCIL		Varchar(20)	NO	NO
RESULTS	COUNCIL		Varchar(100)	NO	NO
START_DATE	COUNCIL		Date	NO	NO
TASKS	COUNCIL		Varchar(100)	NO	NO
ID	DAY		Bigint	YES	NO
NAME	DAY		Varchar(20)	NO	NO
POSITION	DAY		Int	NO	NO
TIMETABLE_ID	DAY		Bigint	YES	YES
ADDRESS	EMPLOYEE		Varchar(50)	NO	NO
EMAIL	EMPLOYEE		Varchar(30)	NO	NO
ENTRY_DATE	EMPLOYEE		Date	NO	NO
FIRST_NAME	EMPLOYEE		Varchar(20)	NO	NO
ID	EMPLOYEE		Bigint	YES	NO
LAST_NAME	EMPLOYEE		Varchar(20)	NO	NO
PHONE	EMPLOYEE		Varchar(20)	NO	NO
POSITION	EMPLOYEE		Varchar(30)	NO	NO
EVENT_DATE	EVENT		Date	NO	NO
EVENT_TIME	EVENT		Time	NO	NO
ID	EVENT		Bigint	YES	NO
TEXT	EVENT		Varchar(100)	NO	NO
TYPE	EVENT		Char(3)	NO	NO
ADDRESS	PARENT		Varchar(50)	NO	NO
EMAIL	PARENT		Varchar(30)	NO	NO
FIRST_NAME	PARENT		Varchar(20)	NO	NO
ID	PARENT		Bigint	YES	NO
LAST_NAME	PARENT		Varchar(20)	NO	NO
LOGIN	PARENT		Varchar(20)	NO	NO
PASSWORD	PARENT		Varchar(20)	NO	NO
PHONE	PARENT		Varchar(20)	NO	NO
ADDRESS	PUPIL		Varchar(50)	NO	NO
BIRTH_DATE	PUPIL		Date	NO	NO
BIRTH_NUMBER	PUPIL		Varchar(11)	NO	NO
EMAIL	PUPIL		Varchar(30)	NO	NO
FIRST_NAME	PUPIL		Varchar(20)	NO	NO
ID	PUPIL		Bigint	YES	NO
LAST_NAME	PUPIL		Varchar(20)	NO	NO
LOGIN	PUPIL		Varchar(20)	NO	NO
PARENT_CONTACT	PUPIL		Varchar(50)	NO	NO
PARENT_ID	PUPIL		Bigint	NO	YES
PASSWORD	PUPIL		Varchar(20)	NO	NO
PUPIL_ID	PUPIL_SUBJECT		Bigint	YES	YES
SUBJECT_ID	PUPIL_SUBJECT		Bigint	YES	YES
DESCRIPTION	RESULT		Varchar(30)	NO	NO
EVALUATION	RESULT		Varchar(20)	NO	NO
ID	RESULT		Bigint	NO	NO
NAME	RESULT		Varchar(30)	NO	NO
PUPIL_ID	RESULT		Bigint	YES	YES
RESULT_DATE	RESULT		Date	NO	NO

ADDRESS	SCHOOL		Varchar(50)	NO	NO
EMAIL	SCHOOL		Varchar(30)	NO	NO
HEADMASTER	SCHOOL		Varchar(30)	NO	NO
ID	SCHOOL		Bigint	YES	NO
NAME	SCHOOL		Varchar(30)	NO	NO
PHONE	SCHOOL		Varchar(20)	NO	NO
PHONE_MESS	SCHOOL		Varchar(20)	NO	NO
DAY_ID	SUBJECT		Bigint	YES	YES
DESCRIPTION	SUBJECT		Varchar(20)	NO	NO
ID	SUBJECT		Bigint	NO	NO
NAME	SUBJECT		Varchar(20)	NO	NO
SHORT_NAME	SUBJECT		Char(4)	NO	NO
TEACHER_ID	SUBJECT		Bigint	YES	YES
COUNCIL_ID	TASK		Bigint	NO	YES
DEADLINE	TASK		Date	NO	NO
DESCRIPTION	TASK		Varchar(100)	NO	NO
ID	TASK		Bigint	NO	NO
NAME	TASK		Varchar(20)	NO	NO
STATE	TASK		Int	NO	NO
SUBJECT_ID	TASK		Bigint	YES	YES
ID	TIMETABLE		Bigint	YES	NO
NAME	TIMETABLE		Varchar(20)	NO	NO
YEAR	TIMETABLE		Varchar(9)	NO	NO



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**Attribute 'END\_DATE'**

<b>Caption</b>	END_DATE
<b>Entity Name</b>	COUNCIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Date
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	COUNCIL
<b>Primary Key</b>	YES
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
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**Attribute 'NAME'**

<b>Caption</b>	NAME
<b>Entity Name</b>	COUNCIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'RESULTS'**

<b>Caption</b>	RESULTS
<b>Entity Name</b>	COUNCIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(100)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'START\_DATE'**

<b>Caption</b>	START_DATE
<b>Entity Name</b>	COUNCIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Date
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'TASKS'**

<b>Caption</b>	TASKS
<b>Entity Name</b>	COUNCIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(100)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	DAY
<b>Primary Key</b>	YES
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
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**Attribute 'NAME'**

<b>Caption</b>	NAME
<b>Entity Name</b>	DAY
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'POSITION'**

<b>Caption</b>	POSITION
<b>Entity Name</b>	DAY
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Int
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'TIMETABLE\_ID'**

Caption	TIMETABLE_ID		
Entity Name	DAY		
Primary Key	YES		
Foreign Key	YES	Parent Entity	TIMETABLE
Data Type	Bigint		
Not Null	YES		
Unique	YES		

**Attribute 'ADDRESS'**

<b>Caption</b>	ADDRESS
<b>Entity Name</b>	EMPLOYEE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(50)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'EMAIL'**

<b>Caption</b>	EMAIL
<b>Entity Name</b>	EMPLOYEE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(30)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'ENTRY\_DATE'**

<b>Caption</b>	ENTRY_DATE
<b>Entity Name</b>	EMPLOYEE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Date
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'FIRST\_NAME'**

<b>Caption</b>	FIRST_NAME
<b>Entity Name</b>	EMPLOYEE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	EMPLOYEE
<b>Primary Key</b>	YES
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
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**Attribute 'LAST\_NAME'**

<b>Caption</b>	LAST_NAME
<b>Entity Name</b>	EMPLOYEE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'PHONE'**

<b>Caption</b>	PHONE
<b>Entity Name</b>	EMPLOYEE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'POSITION'**

<b>Caption</b>	POSITION
<b>Entity Name</b>	EMPLOYEE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(30)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'EVENT\_DATE'**

<b>Caption</b>	EVENT_DATE
<b>Entity Name</b>	EVENT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Date
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'EVENT\_TIME'**

<b>Caption</b>	EVENT_TIME
<b>Entity Name</b>	EVENT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Time
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'ID'**

Caption	ID
Entity Name	EVENT
Primary Key	YES
Foreign Key	NO
Data Type	Bigint
Not Null	YES
Unique	YES

**Attribute Properties**

Autoincrement	YES
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**Attribute 'TEXT'**

Caption	TEXT
Entity Name	EVENT
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(100)
Not Null	YES
Unique	NO

**Attribute 'TYPE'**

Caption	TYPE
Entity Name	EVENT
Primary Key	NO
Foreign Key	NO
Data Type	Char(3)
Not Null	YES
Unique	NO

**Attribute 'ADDRESS'**

Caption	ADDRESS
Entity Name	PARENT
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(50)
Not Null	NO
Unique	NO

**Attribute 'EMAIL'**

Caption	EMAIL
Entity Name	PARENT
Primary Key	NO
Foreign Key	NO
Data Type	Varchar(30)
Not Null	NO
Unique	NO

**Attribute 'FIRST\_NAME'**

<b>Caption</b>	FIRST_NAME
<b>Entity Name</b>	PARENT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	PARENT
<b>Primary Key</b>	YES
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
----------------------	-----

**Attribute 'LAST\_NAME'**

<b>Caption</b>	LAST_NAME
<b>Entity Name</b>	PARENT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'LOGIN'**

<b>Caption</b>	LOGIN
<b>Entity Name</b>	PARENT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute 'PASSWORD'**

<b>Caption</b>	PASSWORD
<b>Entity Name</b>	PARENT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'PHONE'**

<b>Caption</b>	PHONE
<b>Entity Name</b>	PARENT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'ADDRESS'**

<b>Caption</b>	ADDRESS
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(50)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'BIRTH\_DATE'**

<b>Caption</b>	BIRTH_DATE
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Date
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'BIRTH\_NUMBER'**

<b>Caption</b>	BIRTH_NUMBER
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(11)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'EMAIL'**

<b>Caption</b>	EMAIL
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(30)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'FIRST\_NAME'**

<b>Caption</b>	FIRST_NAME
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	YES
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
----------------------	-----

**Attribute 'LAST\_NAME'**

<b>Caption</b>	LAST_NAME
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'LOGIN'**

<b>Caption</b>	LOGIN
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute 'PARENT\_CONTACT'**

<b>Caption</b>	PARENT_CONTACT
<b>Entity Name</b>	PUPIL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(50)
<b>Not Null</b>	NO
<b>Unique</b>	NO



**Attribute 'PARENT\_ID'**

<b>Caption</b>	PARENT_ID		
<b>Entity Name</b>	PUPIL		
<b>Primary Key</b>	NO		
<b>Foreign Key</b>	YES	<b>Parent Entity</b>	PARENT
<b>Data Type</b>	Bigint		
<b>Not Null</b>	NO		
<b>Unique</b>	NO		

**Attribute 'PASSWORD'**

<b>Caption</b>	PASSWORD		
<b>Entity Name</b>	PUPIL		
<b>Primary Key</b>	NO		
<b>Foreign Key</b>	NO		
<b>Data Type</b>	Varchar(20)		
<b>Not Null</b>	YES		
<b>Unique</b>	NO		

**Attribute 'PUPIL\_ID'**

<b>Caption</b>	PUPIL_ID		
<b>Entity Name</b>	PUPIL_SUBJECT		
<b>Primary Key</b>	YES		
<b>Foreign Key</b>	YES	<b>Parent Entity</b>	PUPIL
<b>Data Type</b>	Bigint		
<b>Not Null</b>	YES		
<b>Unique</b>	NO		

**Attribute 'SUBJECT\_ID'**

<b>Caption</b>	SUBJECT_ID		
<b>Entity Name</b>	PUPIL_SUBJECT		
<b>Primary Key</b>	YES		
<b>Foreign Key</b>	YES	<b>Parent Entity</b>	SUBJECT -
<b>Data Type</b>	Bigint		
<b>Not Null</b>	YES		
<b>Unique</b>	NO		

**Attribute 'DESCRIPTION'**

<b>Caption</b>	DESCRIPTION		
<b>Entity Name</b>	RESULT		
<b>Primary Key</b>	NO		
<b>Foreign Key</b>	NO		
<b>Data Type</b>	Varchar(30)		
<b>Not Null</b>	NO		
<b>Unique</b>	NO		

**Attribute 'EVALUATION'**

<b>Caption</b>	EVALUATION
<b>Entity Name</b>	RESULT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	RESULT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
----------------------	-----

**Attribute 'NAME'**

<b>Caption</b>	NAME
<b>Entity Name</b>	RESULT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(30)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'PUPIL\_ID'**

<b>Caption</b>	PUPIL_ID	
<b>Entity Name</b>	RESULT	
<b>Primary Key</b>	YES	
<b>Foreign Key</b>	YES	<b>Parent Entity</b> PUPIL
<b>Data Type</b>	Bigint	
<b>Not Null</b>	YES	
<b>Unique</b>	NO	

**Attribute 'RESULT\_DATE'**

<b>Caption</b>	RESULT_DATE
<b>Entity Name</b>	RESULT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Date
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'ADDRESS'**

<b>Caption</b>	ADDRESS
<b>Entity Name</b>	SCHOOL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(50)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'EMAIL'**

<b>Caption</b>	EMAIL
<b>Entity Name</b>	SCHOOL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(30)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'HEADMASTER'**

<b>Caption</b>	HEADMASTER
<b>Entity Name</b>	SCHOOL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(30)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	SCHOOL
<b>Primary Key</b>	YES
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
----------------------	-----

**Attribute 'NAME'**

<b>Caption</b>	NAME
<b>Entity Name</b>	SCHOOL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(30)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'PHONE'**

<b>Caption</b>	PHONE
<b>Entity Name</b>	SCHOOL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'PHONE\_MESS'**

<b>Caption</b>	PHONE_MESS
<b>Entity Name</b>	SCHOOL
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'DAY\_ID'**

Caption	DAY_ID		
Entity Name	SUBJECT		
Primary Key	YES		
Foreign Key	YES	Parent Entity	DAY
Data Type	Bigint		
Not Null	YES		
Unique	NO		

**Attribute 'DESCRIPTION'**

<b>Caption</b>	DESCRIPTION
<b>Entity Name</b>	SUBJECT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	SUBJECT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
----------------------	-----

**Attribute 'NAME'**

<b>Caption</b>	NAME
<b>Entity Name</b>	SUBJECT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'SHORT\_NAME'**

<b>Caption</b>	SHORT_NAME
<b>Entity Name</b>	SUBJECT
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Char(4)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'TEACHER\_ID'**

Caption	TEACHER_ID		
Entity Name	SUBJECT		
Primary Key	YES		
Foreign Key	YES	Parent Entity	EMPLOYEE
Data Type	Bigint		
Not Null	YES		
Unique	NO		

**Attribute 'COUNCIL\_ID'**

Caption	COUNCIL_ID		
Entity Name	TASK		
Primary Key	NO		
Foreign Key	YES	Parent Entity	COUNCIL -
Data Type	Bigint		
Not Null	NO		
Unique	NO		

**Attribute 'DEADLINE'**

<b>Caption</b>	DEADLINE
<b>Entity Name</b>	TASK
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Date
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'DESCRIPTION'**

<b>Caption</b>	DESCRIPTION
<b>Entity Name</b>	TASK
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(100)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	TASK
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
----------------------	-----

**Attribute 'NAME'**

<b>Caption</b>	NAME
<b>Entity Name</b>	TASK
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'STATE'**

<b>Caption</b>	STATE
<b>Entity Name</b>	TASK
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Int
<b>Not Null</b>	YES
<b>Unique</b>	NO

**Attribute 'SUBJECT\_ID'**

Caption	SUBJECT_ID		
Entity Name	TASK		
Primary Key	YES		
Foreign Key	YES	Parent Entity	SUBJECT
Data Type	Bigint		
Not Null	YES		
Unique	NO		

**Attribute 'ID'**

<b>Caption</b>	ID
<b>Entity Name</b>	TIMETABLE
<b>Primary Key</b>	YES
<b>Foreign Key</b>	NO
<b>Data Type</b>	Bigint
<b>Not Null</b>	YES
<b>Unique</b>	YES

**Attribute Properties**

<b>Autoincrement</b>	YES
----------------------	-----

**Attribute 'NAME'**

<b>Caption</b>	NAME
<b>Entity Name</b>	TIMETABLE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(20)
<b>Not Null</b>	NO
<b>Unique</b>	NO

**Attribute 'YEAR'**

<b>Caption</b>	YEAR
<b>Entity Name</b>	TIMETABLE
<b>Primary Key</b>	NO
<b>Foreign Key</b>	NO
<b>Data Type</b>	Varchar(9)
<b>Not Null</b>	YES
<b>Unique</b>	NO

## Key Report

Key Type	Key Name	Entity Name
AK	ID	COUNCIL
PK	Key4	COUNCIL
AK	ID	DAY
PK	Key6	DAY
AK	TIMETABLE_ID	DAY
AK	ID	EMPLOYEE
PK	Key2	EMPLOYEE
AK	ID	EVENT
PK	Key3	EVENT
AK	ID	PARENT
PK	Key9	PARENT
AK	LOGIN	PARENT
AK	ID	PUPIL
PK	Key8	PUPIL
AK	LOGIN	PUPIL
PK	Key12	PUPIL_SUBJECT
AK	ID	RESULT
PK	Key10	RESULT
AK	ID	SCHOOL
PK	Key1	SCHOOL
AK	ID	SUBJECT
PK	Key7	SUBJECT
AK	ID	TASK
PK	Key11	TASK
AK	ID	TIMETABLE
PK	Key5	TIMETABLE



**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	COUNCIL		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key4'**

Caption	Key4		
Key Type	Primary Key		
Entity Name	COUNCIL		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	DAY		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key6'**

Caption	Key6		
Key Type	Primary Key		
Entity Name	DAY		
Attribute	Order	Foreign Key	
TIMETABLE_ID	ASC	YES	
ID	ASC	NO	

**Key Properties**

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

**Key 'TIMETABLE\_ID'**

Caption	TIMETABLE_ID		
Key Type	Alternate Key		
Entity Name	DAY		
Attribute	Order	Foreign Key	
TIMETABLE_ID	ASC	YES	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	EMPLOYEE		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key2'**

Caption	Key2		
Key Type	Primary Key		
Entity Name	EMPLOYEE		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	EVENT		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key3'**

Caption	Key3		
Key Type	Primary Key		
Entity Name	EVENT		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	PARENT		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key9'**

Caption	Key9		
Key Type	Primary Key		
Entity Name	PARENT		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'LOGIN'**

Caption	LOGIN		
Key Type	Alternate Key		
Entity Name	PARENT		
Attribute	Order	Foreign Key	
LOGIN	ASC	NO	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	PUPIL		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key8'**

Caption	Key8		
Key Type	Primary Key		
Entity Name	PUPIL		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'LOGIN'**

Caption	LOGIN		
Key Type	Alternate Key		
Entity Name	PUPIL		
Attribute	Order	Foreign Key	
LOGIN	ASC	NO	

**Key Properties**

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

**Key 'Key12'**

Caption	Key12		
Key Type	Primary Key		
Entity Name	PUPIL_SUBJECT		
Attribute	Order	Foreign Key	
PUPIL_ID	ASC	YES	
SUBJECT_ID	ASC	YES	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	RESULT		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key10'**

Caption	Key10		
Key Type	Primary Key		
Entity Name	RESULT		
Attribute	Order	Foreign Key	
PUPIL_ID	ASC	YES	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	SCHOOL		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key1'**

Caption	Key1		
Key Type	Primary Key		
Entity Name	SCHOOL		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	SUBJECT		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key7'**

Caption	Key7		
Key Type	Primary Key		
Entity Name	SUBJECT		
Attribute	Order	Foreign Key	
DAY_ID	ASC	YES	
TEACHER_ID	ASC	YES	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	TASK		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key11'**

Caption	Key11		
Key Type	Primary Key		
Entity Name	TASK		
Attribute	Order	Foreign Key	
SUBJECT_ID	ASC	YES	

**Key Properties**

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

**Key 'ID'**

Caption	ID		
Key Type	Alternate Key		
Entity Name	TIMETABLE		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

**Key 'Key5'**

Caption	Key5		
Key Type	Primary Key		
Entity Name	TIMETABLE		
Attribute	Order	Foreign Key	
ID	ASC	NO	

**Key Properties**

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

## Relationship Report

Relationship Name	Relationship Type	Parent Entity	Child Entity	Card.
DAY_FK1	Identifying	TIMETABLE	DAY	1:N
PUPIL_FK1	Non-identifying	PARENT	PUPIL	1:N
PUPIL_SUBJECT_FK1	Identifying	PUPIL	PUPIL_SUBJECT	1:N
PUPIL_SUBJECT_FK2	Identifying	SUBJECT	PUPIL_SUBJECT	1:N
RESULT_FK1	Identifying	PUPIL	RESULT	1:N
SUBJECT_FK1	Identifying	EMPLOYEE	SUBJECT	1:N
SUBJECT_FK2	Identifying	DAY	SUBJECT	1:N
TASK_FK1	Identifying	SUBJECT	TASK	1:N
TASK_FK2	Non-identifying	COUNCIL	TASK	1:N



Toad Data Modeler

http://www.quest.com/toad-data-modeler

FREWARE VERSION

**Relationship Name 'DAY\_FK1'**

<b>Caption</b>	DAY_FK1		
<b>Relationship Type</b>	Identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	YES		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	TIMETABLE		
<b>Child Entity</b>	DAY		

**Referential Integrity**

	Insert	Update	Delete
Parent	----	NONE	NONE
Child	NONE	NONE	----

**Keys**

Key Type	Parent Key	Child Key
Alternate Key 'ID'	ID	TIMETABLE_ID

**Relationship Name 'PUPIL\_FK1'**

<b>Caption</b>	PUPIL_FK1		
<b>Relationship Type</b>	Non-identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	NO		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	PARENT		
<b>Child Entity</b>	PUPIL		

**Referential Integrity**

	Insert	Update	Delete
Parent	----	NONE	NONE
Child	NONE	NONE	----

**Keys**

Key Type	Parent Key	Child Key
Primary Key 'Key9'	ID	PARENT_ID

**Relationship Name 'PUPIL\_SUBJECT\_FK1'**

<b>Caption</b>	PUPIL_SUBJECT_FK1		
<b>Relationship Type</b>	Identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	YES		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	PUPIL		
<b>Child Entity</b>	PUPIL_SUBJECT		

**Referential Integrity**

	Insert	Update	Delete
Parent	----	NONE	NONE
Child	NONE	NONE	----



**Keys**

Key Type	Parent Key	Child Key
Primary Key 'Key8'	ID	PUPIL_ID

**Relationship Name 'PUPIL\_SUBJECT\_FK2'**

<b>Caption</b>	PUPIL_SUBJECT_FK2		
<b>Relationship Type</b>	Identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	YES		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	SUBJECT		
<b>Child Entity</b>	PUPIL_SUBJECT		

**Referential Integrity**

	Insert	Update	Delete
Parent	----	NONE	NONE
Child	NONE	NONE	----

**Keys**

Key Type	Parent Key	Child Key
Alternate Key 'ID'	ID	SUBJECT_ID

**Relationship Name 'RESULT\_FK1'**

<b>Caption</b>	RESULT_FK1		
<b>Relationship Type</b>	Identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	YES		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	PUPIL		
<b>Child Entity</b>	RESULT		

**Referential Integrity**

	Insert	Update	Delete
Parent	----	NONE	NONE
Child	NONE	NONE	----

**Keys**

Key Type	Parent Key	Child Key
Alternate Key 'ID'	ID	PUPIL_ID

**Relationship Name 'SUBJECT\_FK1'**

<b>Caption</b>	SUBJECT_FK1		
<b>Relationship Type</b>	Identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	YES		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	EMPLOYEE		
<b>Child Entity</b>	SUBJECT		

**Referential Integrity**

	Insert	Update	Delete
Parent	----	NONE	NONE
Child	NONE	NONE	----

**Keys**

Key Type	Parent Key	Child Key
Alternate Key 'ID'	ID	TEACHER_ID

**Relationship Name 'SUBJECT\_FK2'**

<b>Caption</b>	SUBJECT_FK2		
<b>Relationship Type</b>	Identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	YES		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	DAY		
<b>Child Entity</b>	SUBJECT		

**Referential Integrity**

	Insert	Update	Delete
Parent	----	NONE	NONE
Child	NONE	NONE	----

**Keys**

Key Type	Parent Key	Child Key
Alternate Key 'ID'	ID	DAY_ID

**Relationship Name 'TASK\_FK1'**

<b>Caption</b>	TASK_FK1		
<b>Relationship Type</b>	Identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	YES		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	SUBJECT		
<b>Child Entity</b>	TASK		

**Referential Integrity**

	Insert	Update	Delete
Parent	----	NONE	NONE
Child	NONE	NONE	----

**Keys**

Key Type	Parent Key	Child Key
Alternate Key 'ID'	ID	SUBJECT_ID

**Relationship Name 'TASK\_FK2'**

<b>Caption</b>	TASK_FK2		
<b>Relationship Type</b>	Non-identifying	<b>Cardinality</b>	1:N
<b>Mandatory Parent</b>	NO		
<b>Mandatory Child</b>	NO		
<b>Parent Entity</b>	COUNCIL		
<b>Child Entity</b>	TASK		

**Referential Integrity**

	<b>Insert</b>	<b>Update</b>	<b>Delete</b>
<b>Parent</b>	----	NONE	NONE
<b>Child</b>	NONE	NONE	----

**Keys**

<b>Key Type</b>	<b>Parent Key</b>	<b>Child Key</b>
Alternate Key 'ID'	ID	COUNCIL_ID



**Toad Data Modeler**  
<http://www.quest.com/toad-data-modeler>  
 FREeware VERSION