

## Appendix X: Database and Table Structures

The structure of the entire database comprises of 18 table as shown below:

### - Database Structure

Filters	
Containing the word: <input type="text"/>	
Table	Action
<input type="checkbox"/> chronicle	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> colleges	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> coresult	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> course	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> departments	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> entered	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> logintbl	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> menu_control	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> prev_results	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> programmes	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> results	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> schools	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> session	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> staff	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> studentsnm	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> students_log	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> sub_menu_control	Browse  Structure  Search  Insert  Empty  Drop
<input type="checkbox"/> usertype	Browse  Structure  Search  Insert  Empty  Drop
18 tables	Sum

### - Logs table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	log_id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	table_id	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 3	tablename	varchar(50)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	action	varchar(20)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	whoid	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 6	whoname	varchar(50)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	ddate	varchar(30)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 8	dtime	varchar(30)	latin1_swedish_ci		No	None			Change  Drop  More

### - Colleges table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	college_id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	college	text	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	collegecode	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More

### - Coresults table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	sn	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	name	varchar(60)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	matric_no	char(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	code	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	unit	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 6	score	varchar(5)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	grade	varchar(5)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 8	points	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 9	programme	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 10	semester	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 11	session	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 12	stat	int(1)			No	None			Change  Drop  More
<input type="checkbox"/> 13	year	int(11)			No	None			Change  Drop  More

## - Courses table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	sn	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	prog_id	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	unit	int(2)			No	None			Change  Drop  More
<input type="checkbox"/> 4	semester	int(2)			No	None			Change  Drop  More
<input type="checkbox"/> 5	code	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	title	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	sessions	varchar(40)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 8	staff_id	int(11)			No	None			Change  Drop  More

## - Department table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	dept_id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	name	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	code	varchar(20)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	schl_id	int(11)			No	None			Change  Drop  More

## - Entered table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	sn	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	code	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	unit	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 4	prog_id	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	semester	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	session	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More

## - Login table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	username	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	password	varchar(2810)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	progs	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	t_user	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 6	status	varchar(11)	latin1_swedish_ci		No	None			Change  Drop  More

## - Menu\_Control table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	menu_id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	user_type_id	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 3	menu_name	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	status	int(11)			No	None			Change  Drop  More

## - Previous result table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	sn	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	name	varchar(60)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	matric_no	char(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	code	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	unit	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 6	score	varchar(5)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	grade	varchar(5)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 8	points	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 9	prog_id	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 10	semester	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 11	session	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 12	curent_sess	varchar(20)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 13	stat	int(1)			No	None			Change  Drop  More
<input type="checkbox"/> 14	co_spill	varchar(20)	latin1_swedish_ci		No	None			Change  Drop  More

## - Programmes table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	prog_id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	programme	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	dept_id	int(11)			No	None			Change  Drop  More

## - Result table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	sn	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	name	varchar(60)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	matric_no	char(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	code	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	unit	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 6	score	varchar(5)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	grade	varchar(5)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 8	points	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 9	prog_id	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 10	semester	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 11	session	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 12	stat	int(1)			No	None			Change  Drop  More

## - School table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	schl_id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	school	text	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	schoolcode	varchar(10)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	college_id	int(11)			No	None			Change  Drop  More

## - Session table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	session	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	semester	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	status	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More

## - Staff table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	names	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	number	varchar(50)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	contact	varchar(15)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	dept_id	int(11)			No	None			Change  Drop  More

## - Student table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	sn	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	names	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	matno	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	prog_id	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	year	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 6	images	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 7	session	varchar(255)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 8	status	int(1)			No	None			Change  Drop  More
<input type="checkbox"/> 9	stat	int(1)			No	None			Change  Drop  More
<input type="checkbox"/> 10	Withdrwan	int(1)			No	None			Change  Drop  More
<input type="checkbox"/> 11	sex	varchar(2)	latin1_swedish_ci		No	None			Change  Drop  More

- StudentsLog table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	<b>matric_no</b> 🔑	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>password</b>	varchar(20000)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>status</b>	varchar(30)	latin1_swedish_ci		No	None			Change  Drop  More

- SubMenuControl table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>s_menu_id</b> 🔑	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	<b>user_type_id</b> 🔑	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>menu_id</b>	int(11)			No	None			Change  Drop  More
<input type="checkbox"/> 4	<b>s_menu_name</b> 🔑	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 5	<b>xtension</b>	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 6	<b>status</b>	int(11)			No	None			Change  Drop  More

- User type table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	<b>id</b> 🔑	int(11)			No	None		AUTO_INCREMENT	Change  Drop  More
<input type="checkbox"/> 2	<b>type</b>	varchar(100)	latin1_swedish_ci		No	None			Change  Drop  More
<input type="checkbox"/> 3	<b>status</b>	varchar(50)	latin1_swedish_ci		No	None			Change  Drop  More