

Faculty of Information and Communication Technology

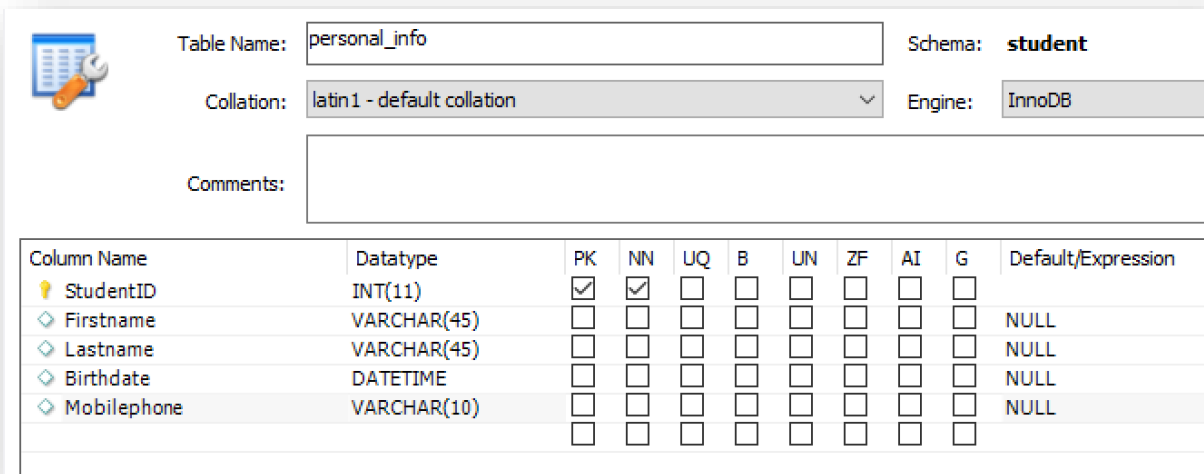
ITCS210-Prac-Week13: Advanced PHP

Instructions

For the activity, you should submit the zip folder of your PHP files on My Courses System.

Activity 1: DB connection with PHP

1. Download and install MySQL Workbench.
2. Create a schema named “student” into MySQL Workbench.
3. Create one table named “personal_info” in student schema. The product table should have all attributes shown in the following ER diagram. Also, data type of each attribute must be matched with table description below:



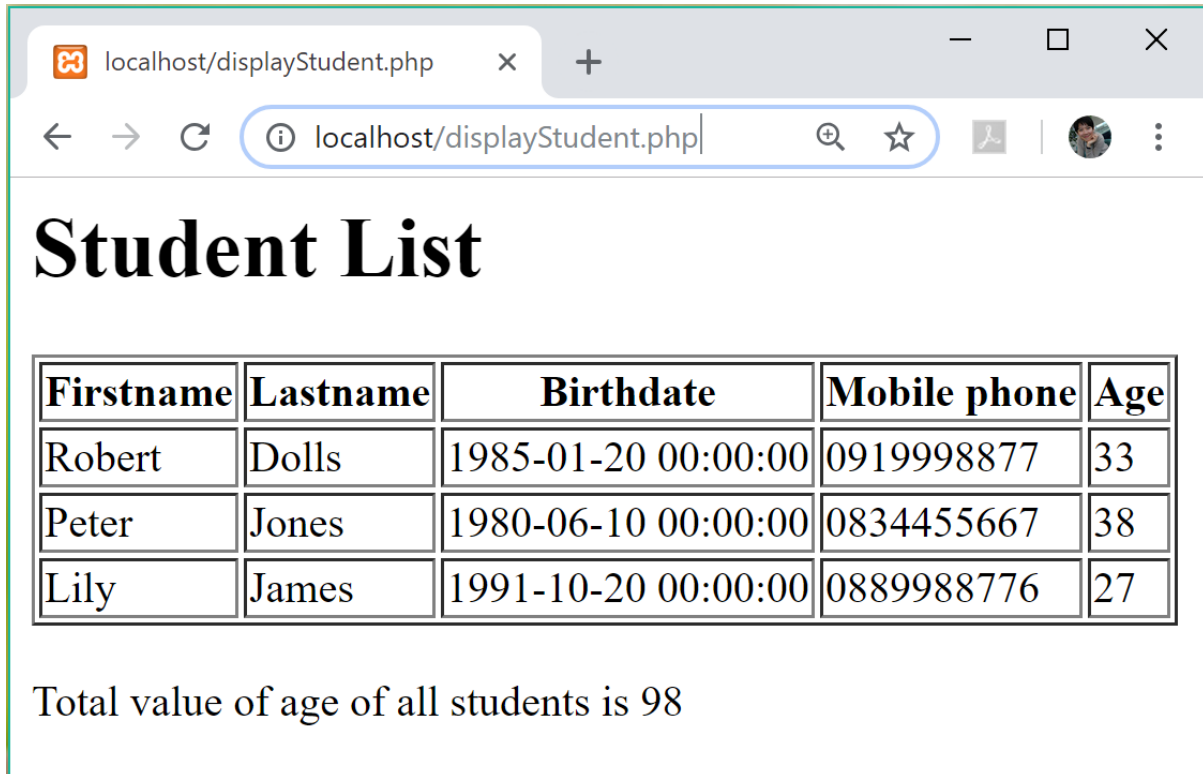
The screenshot shows the MySQL Workbench Table Designer interface. At the top, the Table Name is 'personal_info' and the Schema is 'student'. The Collation is set to 'latin1 - default collation' and the Engine is 'InnoDB'. Below this, there is a 'Comments' field. The main part of the interface is a table with columns for Column Name, Datatype, PK, NN, UQ, B, UN, ZF, AI, G, and Default/Expression. The columns are: StudentID (INT(11), PK, NN), Firstname (VARCHAR(45)), Lastname (VARCHAR(45)), Birthdate (DATETIME), and Mobilephone (VARCHAR(10)).

Column Name	Datatype	PK	NN	UQ	B	UN	ZF	AI	G	Default/Expression
StudentID	INT(11)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Firstname	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
Lastname	VARCHAR(45)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
Birthdate	DATETIME	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL
Mobilephone	VARCHAR(10)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NULL

4. Insert values into the table as follow:

studentID	Firstname	Lastname	Birthdate	Mobilephone
1	Robert	Dolls	20 Jan 1985	0919998877
2	Peter	Jones	10 June 1980	0834455667
3	Lily	James	20 Oct 1991	0889988776

5. Create display.php page to retrieve data from the personal_info table and display on the webpage as shown below.



The screenshot shows a web browser window with the address bar displaying 'localhost/displayStudent.php'. The page content includes a large heading 'Student List' and a table with the following data:

Firstname	Lastname	Birthdate	Mobile phone	Age
Robert	Dolls	1985-01-20 00:00:00	0919998877	33
Peter	Jones	1980-06-10 00:00:00	0834455667	38
Lily	James	1991-10-20 00:00:00	0889988776	27

Total value of age of all students is 98