ITS 362 – Distributed Application Development
Lab 07 – PHP/SQL Lab
Sharyl Riley
April 9, 2022

Tasks:

For this lab, you are to create a database in phpMyAdmin of a list of students. The table of students should include at least **5** columns (age, first name, last name, etc.)

You should then create a webpage that will populate a PHP file with an HTML table with all of the data from your database table. Create something (buttons/links/forms/etc.) **underneath** the HTML table that will show a selection of the data in the HTML table depending on which buttons or links are clicked (ages over 25, names not containing an integer). You should also have a database error page that will display should the database not connect properly.

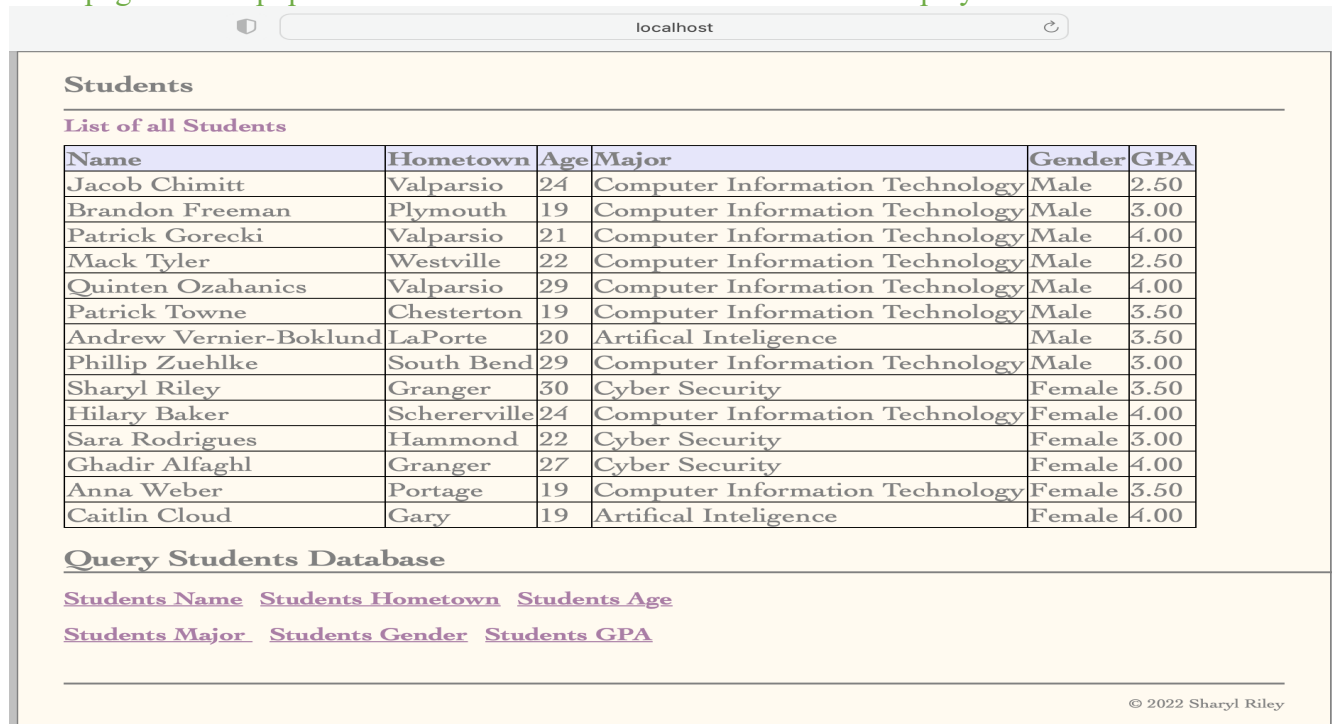You may use PDO or MySQLi to connect your database using PHP.

You should have an organized page to show your table (Use CSS!).

Please follow the good coding styles, adopt meaningful names and good naming convention.

Deliverables

An electronic copy of your lab report (Word document) along with all your code files (php) submitted to Brightspace. Please zip everything.

Main page – index.php – Used safari browser as Chrome would not display all css file info

Students

List of all Students

Name	Hometown	Age	Major	Gender	GPA
Jacob Chimitt	Valparsio	24	Computer Information Technology	Male	2.50
Brandon Freeman	Plymouth	19	Computer Information Technology	Male	3.00
Patrick Gorecki	Valparsio	21	Computer Information Technology	Male	4.00
Mack Tyler	Westville	22	Computer Information Technology	Male	2.50
Quinten Ozahanics	Valparsio	29	Computer Information Technology	Male	4.00
Patrick Towne	Chesterton	19	Computer Information Technology	Male	3.50
Andrew Vernier-Boklund	LaPorte	20	Artifical Inteligence	Male	3.50
Phillip Zuehlke	South Bend	29	Computer Information Technology	Male	3.00
Sharyl Riley	Granger	30	Cyber Security	Female	3.50
Hilary Baker	Schererville	24	Computer Information Technology	Female	4.00
Sara Rodrigues	Hammond	22	Cyber Security	Female	3.00
Ghadir Alfaghl	Granger	27	Cyber Security	Female	4.00
Anna Weber	Portage	19	Computer Information Technology	Female	3.50
Caitlin Cloud	Gary	19	Artifical Inteligence	Female	4.00

Query Students Database

Students Name Students Hometown Students Age

Students Major Students Gender Students GPA

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Student Name query – name_form.php

Students

List of all Students by Name

Name
Andrew Vernier-Boklund
Anna Weber
Brandon Freeman
Caitlin Cloud
Ghadir Alfaghl
Hilary Baker
Jacob Chimitt
Mack Tyler
Patrick Gorecki
Patrick Towne
Phillip Zuehlke
Quinten Ozahanics
Sara Rodrigues
Sharyl Riley

Home Page

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Student Hometown query – hometown_form.php

Students

List of all Students by Hometown

Name	Hometown
Patrick Towne	Chesterton
Caitlin Cloud	Gary
Ghadir Alfaghl	Granger
Sharyl Riley	Granger
Sara Rodrigues	Hammond
Andrew Vernier-Boklund	LaPorte
Brandon Freeman	Plymouth
Anna Weber	Portage
Hilary Baker	Schererville
Phillip Zuehlke	South Bend
Quinten Ozahanics	Valparsio
Patrick Gorecki	Valparsio
Jacob Chimitt	Valparsio
Mack Tyler	Westville

Home Page

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Student Age query – age_form.php

Students

List of all Students by Age

Name	Age
Caitlin Cloud	19
Brandon Freeman	19
Anna Weber	19
Patrick Towne	19
Andrew Vernier-Boklund	20
Patrick Gorecki	21
Mack Tyler	22
Sara Rodrigues	22
Hilary Baker	24
Jacob Chimitt	24
Ghadir Alfaghl	27
Quinten Ozahanics	29
Phillip Zuehlke	29
Sharyl Riley	30

Home Page

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Student Major query – major_form.php

Students

List of all Students by Major

Name	Major
Caitlin Cloud	Artifical Inteligence
Andrew Vernier-Boklund	Artifical Inteligence
Anna Weber	Computer Information Technology
Hilary Baker	Computer Information Technology
Phillip Zuehlke	Computer Information Technology
Patrick Towne	Computer Information Technology
Quinten Ozahanics	Computer Information Technology
Mack Tyler	Computer Information Technology
Patrick Gorecki	Computer Information Technology
Brandon Freeman	Computer Information Technology
Jacob Chimitt	Computer Information Technology
Sharyl Riley	Cyber Security
Sara Rodrigues	Cyber Security
Ghadir Alfaghl	Cyber Security

Home Page

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Student Gender query – gender_form.php

localhost

Students

List of all Students by Gender

Name	Gender
Caitlin Cloud	Female
Anna Weber	Female
Ghadir Alfaghl	Female
Sara Rodrigues	Female
Hilary Baker	Female
Sharyl Riley	Female
Phillip Zuehlke	Male
Andrew Vernier-Boklund	Male
Patrick Towne	Male
Quinten Ozahanics	Male
Mack Tyler	Male
Patrick Gorecki	Male
Brandon Freeman	Male
Jacob Chimitt	Male

Home Page

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Student GPA query – GPA_form.php

localhost

Students

List of all Students by GPA

Name	GPA
Jacob Chimitt	2.50
Mack Tyler	2.50
Sara Rodrigues	3.00
Phillip Zuehlke	3.00
Brandon Freeman	3.00
Patrick Towne	3.50
Andrew Vernier-Boklund	3.50
Anna Weber	3.50
Sharyl Riley	3.50
Quinten Ozahanics	4.00
Ghadir Alfaghl	4.00
Hilary Baker	4.00
Patrick Gorecki	4.00
Caitlin Cloud	4.00

Home Page

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