

# Web Development Project



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# 01- Task Revision

# Functional Requirements:

- The total application shall include 3-5 connected elements. These elements must include HTML pages, JavaScript, PHP pages, etc.
- The application shall elicit information from the user (usually via a form). This information must include data in the form of:
  - o Strings (e.g., name, address, etc.)
  - o Real or integer number (e.g., age, height, weight, etc.)
  - o Special format (e.g., phone number, credit-card numbers, etc.)
  - o Menu or button options (e.g., service rating: excellent, good, fair, poor)
  - o The application shall display information (stored in a database) to the user.
  - o All pages shall provide a consistent look and feel to the user.

# Design Requirements:

- HTML Pages: All HTML pages should follow HTML convention:
  - o All tags closed
  - o All tags use lower case
  - o All JavaScript external
- Cascading Style Sheets: All pages shall be supported by a CSS which includes at least:
  - o Customization of an existing HTML tag
  - o Customization of background or font
  - o Customization using a class-based attribute
  - o ID-based customization
- JavaScript: All pages that accept user input shall use JavaScript to perform client-side validity checking on all data. (i.e., all data must be entered correctly by the user before further execution occurs.)
  - o JavaScript usage shall at least:
  - o Ensure that all data in special format conform to that format (e.g., date)
  - o Ensure that user-entered numeric data falls within reasonable data ranges (e.g., age between 1 and 120)
  - o Ensure efficient error reporting (e.g., using single alert to display error messages)

# Design Requirements:

- PHP Pages: The application shall include at least 3 server-side pages that:
  - o display data that is stored in a database.
  - o add data in a database.
  - o Some pages shall also display dynamic information based on a calculation applied to the data.

## 02- Introduction to our Website

# Introduction to our Website:

We have developed a web application that describes our own special talents and interests, with a consistent layout to make the website more visually and aesthetically pleasing.

Our website is also responsive, and can be used on large, medium and phone screens.

Our Website consists of:

- 4 HTML Pages.
- 2 CSS Pages.
- 1 JavaScript Page.
- 3 PHP Pages.
- 2 Sql Tables.

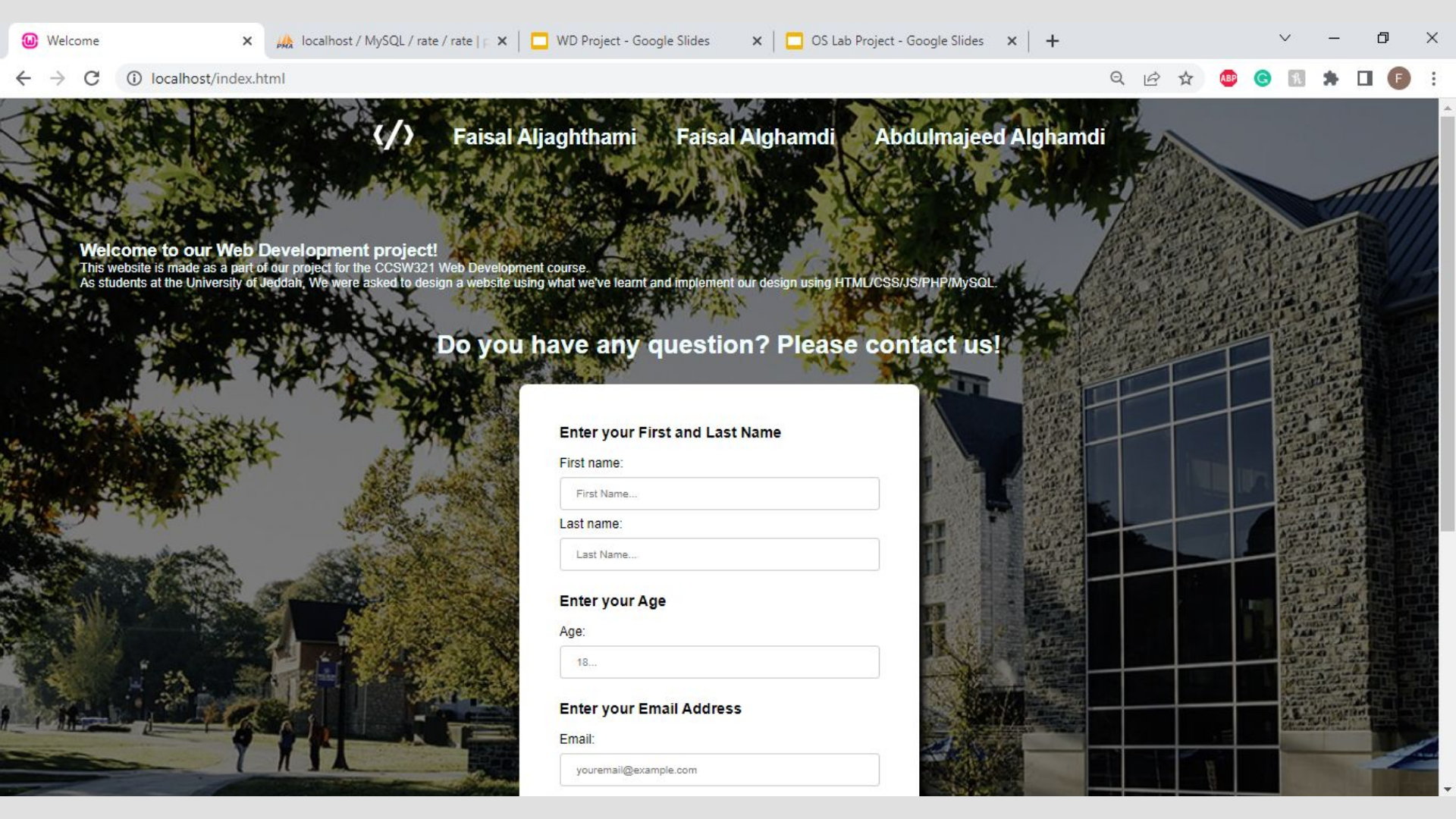



# Introduction to our Website:

When you open the first page, you're greeted with a warm welcome, and an explanation of our website, then you'll see a form that you can fill if you have any question. That form uses Javascript to validate the inputs and to restart as well, and uses php to store the response in mysql.

When you open any of our pages, you'll get know more about us, and you'll be asked to gave a rating out of 5, that rating will be stored in mysql using php, and you can also display all the ratings we have received, and if you do, you will see the sum of all ratings that is calculated using php.

## 03- Pictures of our Website



 **Faisal Aljaghtami** **Faisal Alghamdi** **Abdumajeed Alghamdi**

### Welcome to our Web Development project!

This website is made as a part of our project for the CCSW321 Web Development course.  
As students at the University of Jeddah, We were asked to design a website using what we've learnt and implement our design using HTML/CSS/JS/PHP/MySQL.

**Do you have any question? Please contact us!**

#### Enter your First and Last Name

First name:

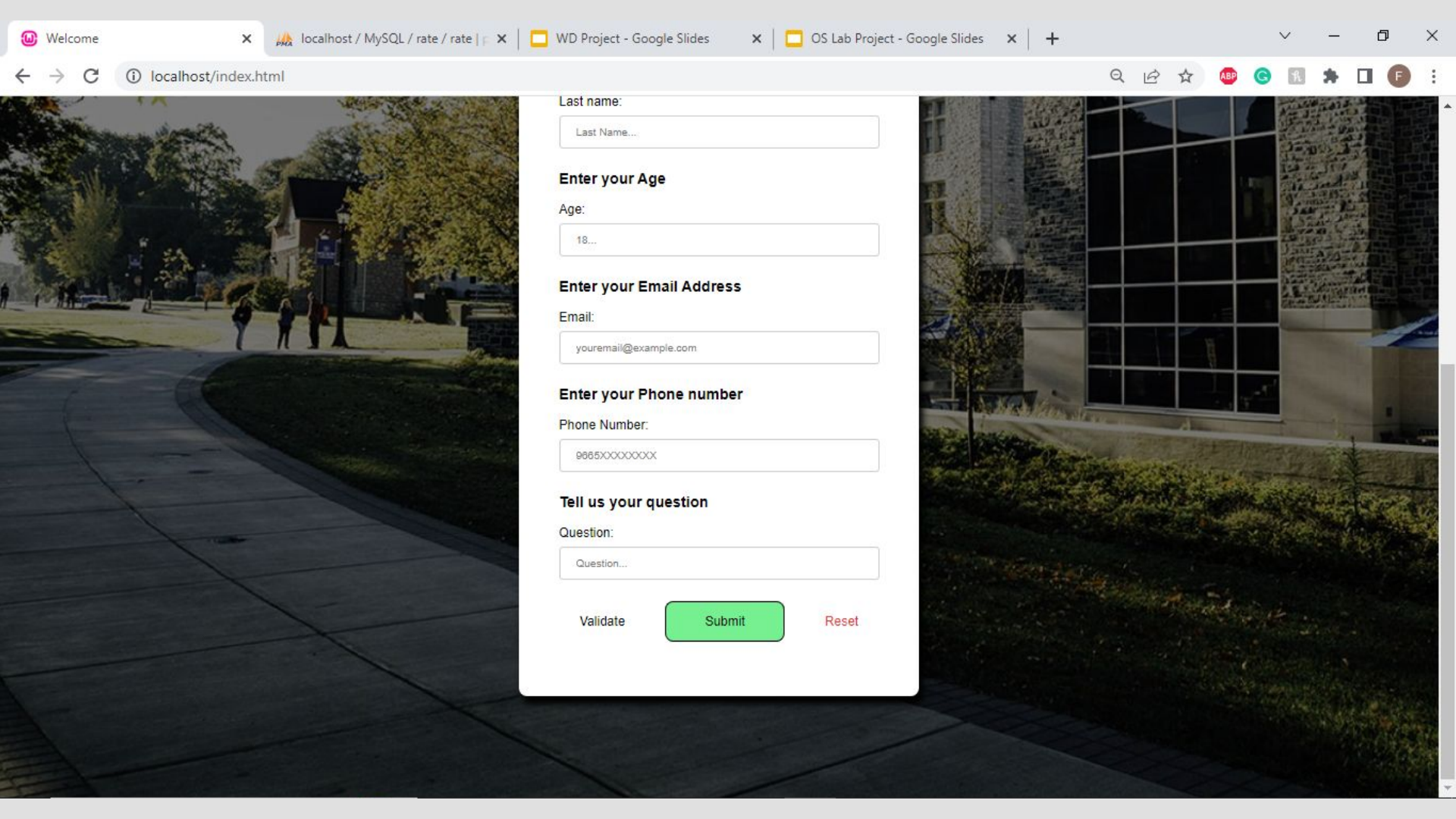
Last name:

#### Enter your Age

Age:

#### Enter your Email Address

Email:



Last name:

Last Name...

**Enter your Age**

Age:

18...

**Enter your Email Address**

Email:

youremail@example.com

**Enter your Phone number**

Phone Number:

9865XXXXXXX

**Tell us your question**

Question:

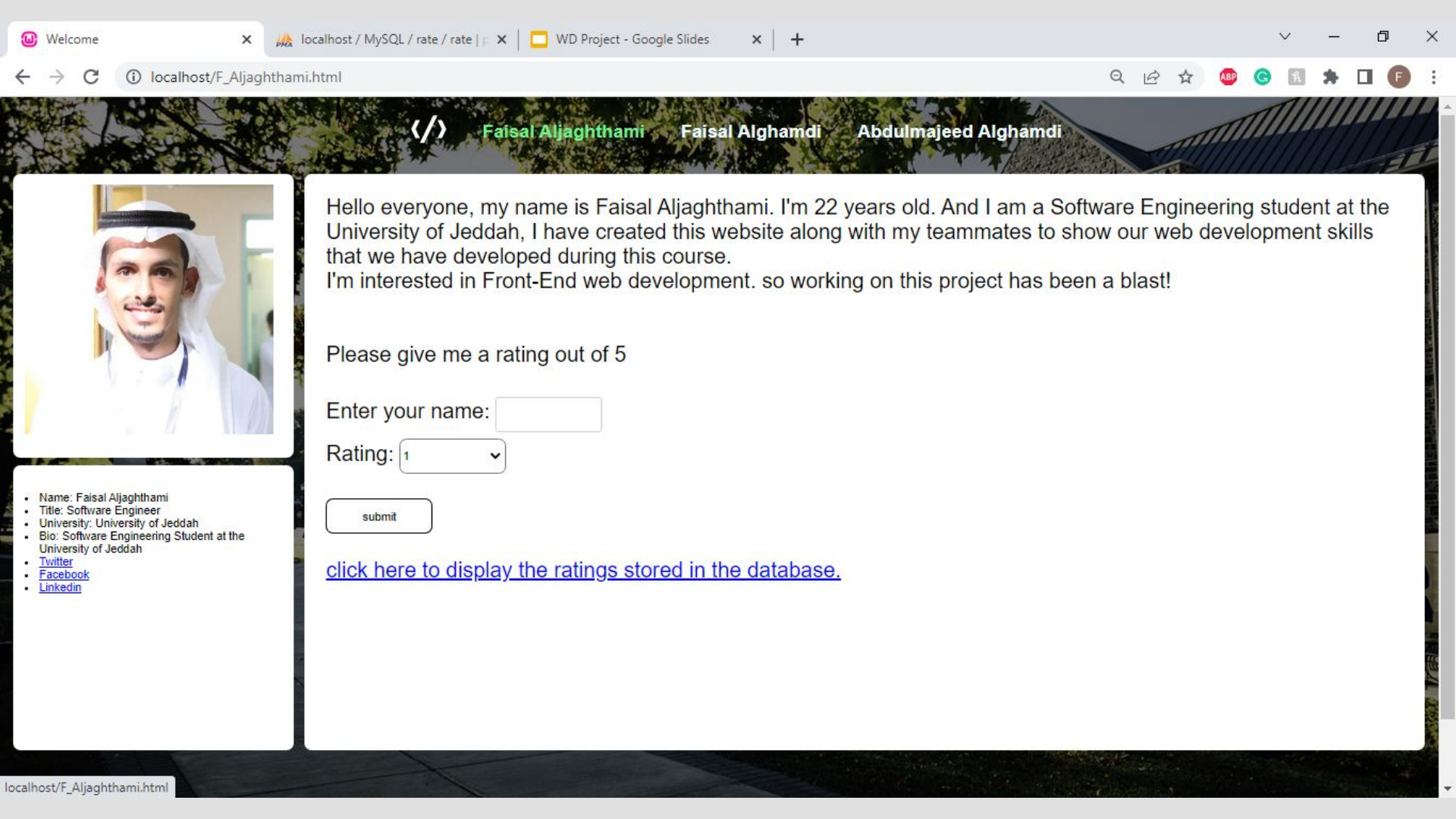
Question...

Validate

Submit

Reset





Welcome



localhost / MySQL / rate / rate |



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localhost/F\_Aljaghtami.html



Faisal Aljaghtami

Faisal Alghamdi

Abdalmajeed Alghamdi



- Name: Faisal Aljaghtami
- Title: Software Engineer
- University: University of Jeddah
- Bio: Software Engineering Student at the University of Jeddah
- [Twitter](#)
- [Facebook](#)
- [LinkedIn](#)

Hello everyone, my name is Faisal Aljaghtami. I'm 22 years old. And I am a Software Engineering student at the University of Jeddah, I have created this website along with my teammates to show our web development skills that we have developed during this course.  
I'm interested in Front-End web development. so working on this project has been a blast!

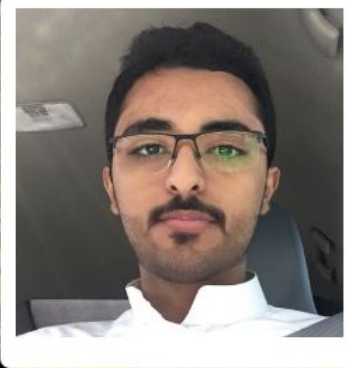
Please give me a rating out of 5

Enter your name:

Rating:

submit

[click here to display the ratings stored in the database.](#)



- Name: Faisal Alghamdi
- Title: Software Engineer
- University: University of Jeddah
- Bio: Student in Software Engineering at UJ
- [Twitter](#)
- [Facebook](#)
- [LinkedIn](#)

My name is Faisal Alghamdi and I am a Software Engineering student at University of Jeddah, In my free time I do practice coding in multiple languages like Python and Javascript. I love to listen to music and take a lap on the beach with my bike at weekends.

Please give me a rating out of 5

Enter your name:

Rating:

submit

[click here to display the ratings stored in the database.](#)



Hi, My name is Abdalmajeed Alghamdi, a University student in the last year of university studies in Department of Software Engineering. I usually spend my day following politics and sports. I love reading about several topics such as historic stories and classic poems. I am very attracted to the stories of ancient languages and the history of ancient civilizations such as Babylonian and Roman.

Please give me a rating out of 5

Enter your name:

Rating:

submit

- Name: Abdalmajeed Alghamdi
- Title: Software Engineer
- University: University of Jeddah
- Bio: Software Engineer at University of Jeddah
- [Twitter](#)
- [Facebook](#)
- [LinkedIn](#)

[click here to display the ratings stored in the database.](#)

Name	Rating
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Faisal	1
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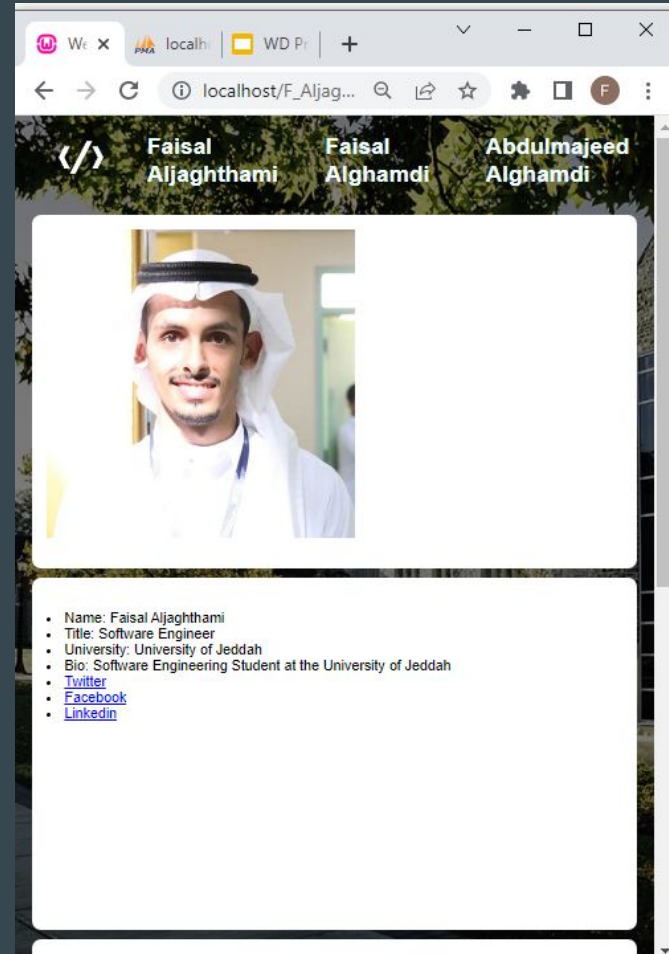
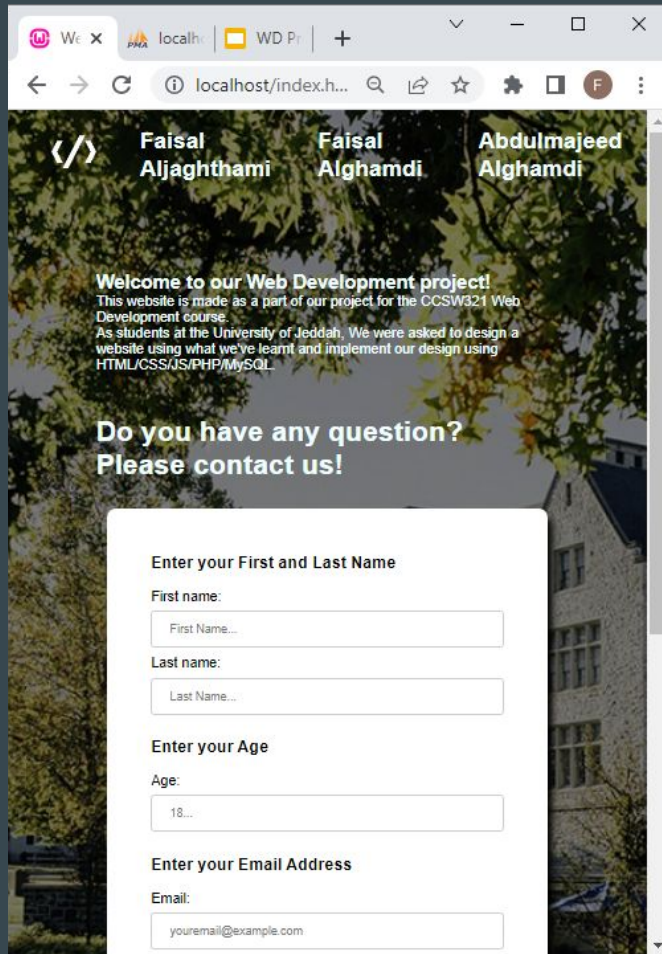
Faisal	3
--------	---

The sum of all ratings is: 4

[Click here to go to the main page](#)



# 04- Responsiveness



# 05- Pictures of the mysql database

phpMyAdmin

Current server: MySQL

Recent Favorites

- New
- form
  - New
  - form
- information\_schema
- mysql
- performance\_schema
- rate
  - New
  - rate
- sys
- test

Server: MySQL:3306 Database: form Table: form

Browse Structure SQL Search Insert Export Import Privileges Operations Triggers

Showing rows 0 - 0 (1 total, Query took 0.0003 seconds.)

SELECT \* FROM `form`

Profiling [ Edit inline ] [ Edit ] [ Explain SQL ] [ Create PHP code ] [ Refresh ]

Show all Number of rows: 25 Filter rows: Search this table

+ Options

	id	fname	lname	age	email	phone	question
<input type="checkbox"/>	12	Faisal	Alharbi	19	yourname@gmail.com	966549024660	hello

Check all With selected: Edit Copy Delete Export

Show all Number of rows: 25 Filter rows: Search this table

Query results operations

Print Copy to clipboard Export Display chart Create view

Welcome

localhost / MySQL / rate / rate

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localhost/phpmyadmin/index.php?route=/sql&server=1&db=rate&table=rate&pos=0

phpMyAdmin

Current server: MySQL

Recent Favorites

New

form

New

form

information\_schema

mysql

performance\_schema

rate

New

rate

sys

test

Server: MySQL:3306 » Database: rate » Table: rate

Browse

Structure

SQL

Search

Insert

Export

Import

Privileges

Operations

Triggers

Showing rows 0 - 1 (2 total, Query took 0.0002 seconds.)

SELECT \* FROM `rate`

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

+ Options

id

name

rating

Edit

Copy

Delete

13

Faisal

1

Edit

Copy

Delete

12

Faisal

3

Check all

With selected:

Edit

Copy

Delete

Export

Show all

Number of rows: 25

Filter rows: Search this table

Sort by key: None

Query results operations

Print

Copy to clipboard

Export

Display chart

Create view

Console

# 06- Summary

## Summary:

In summary, our website elicits information from the user via a form, and it uses JavaScript to perform client-side validity checking to ensure that all data in special format conform to that format, as well as ensuring that user-entered numeric data falls within reasonable data ranges, And it ensures efficient error reporting .

After that the data is added in a database using 2 different php files across all pages.

It also uses a separate php file to display data that is stored in a database. And it also displays dynamic information based on a calculation applied to the data.

**Thank you!**