Midterm Exam (FA-18)

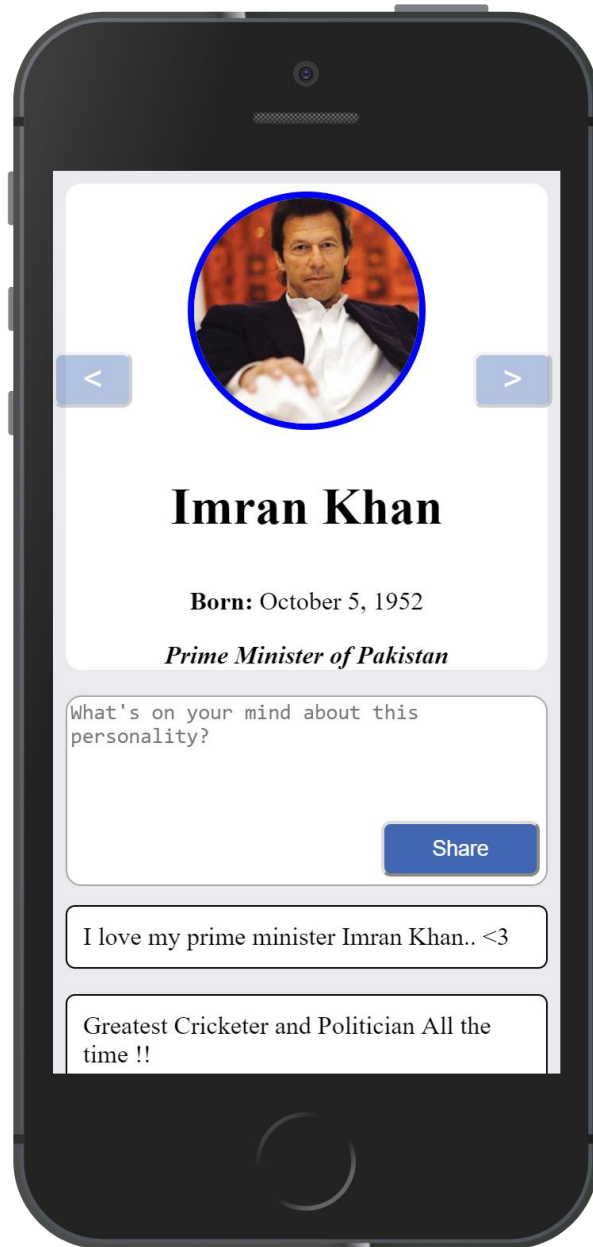|	
Program Name	BSCS
Course Code	CSSE3143
Course Name	Web Application Development
Course Instructors	● Muhammad Ali Makhdoom ● Saeed Iqbal Khattak ● Mohammad Talha
Time Allowed	**90 mints**
Total marks available	100
Academic Honesty Policy	Academic dishonesty will not be tolerated. Academic dishonesty includes cheating, plagiarism (copying) or any other attempt to gain an academic advantage in a dishonest or unfair manner.

Instructions (Designing a *Profiles Application*)

You need to design a **mobile-first** *profiles application* so that user can navigate to view all profiles and can give their comments in a text-area to display them below. A zip file which contains the content of the Web page is provided to you. This zip file contains "**index.html**" file, a "css" folder with "**style.css**" file inside it, a "js" folder with "**main.js**" file inside it, a "**images**" folder with different profile images inside it to load dynamically from with javascript and a **"screenshots"** folder with the final targeted design screenshots for multiple devices. All your HTML code should be added to "index.html" file, all your CSS rules should be added to "style.css" file and all javascript code should be add in "main.js". You **shouldn't remove, add, or move any file or folder**.
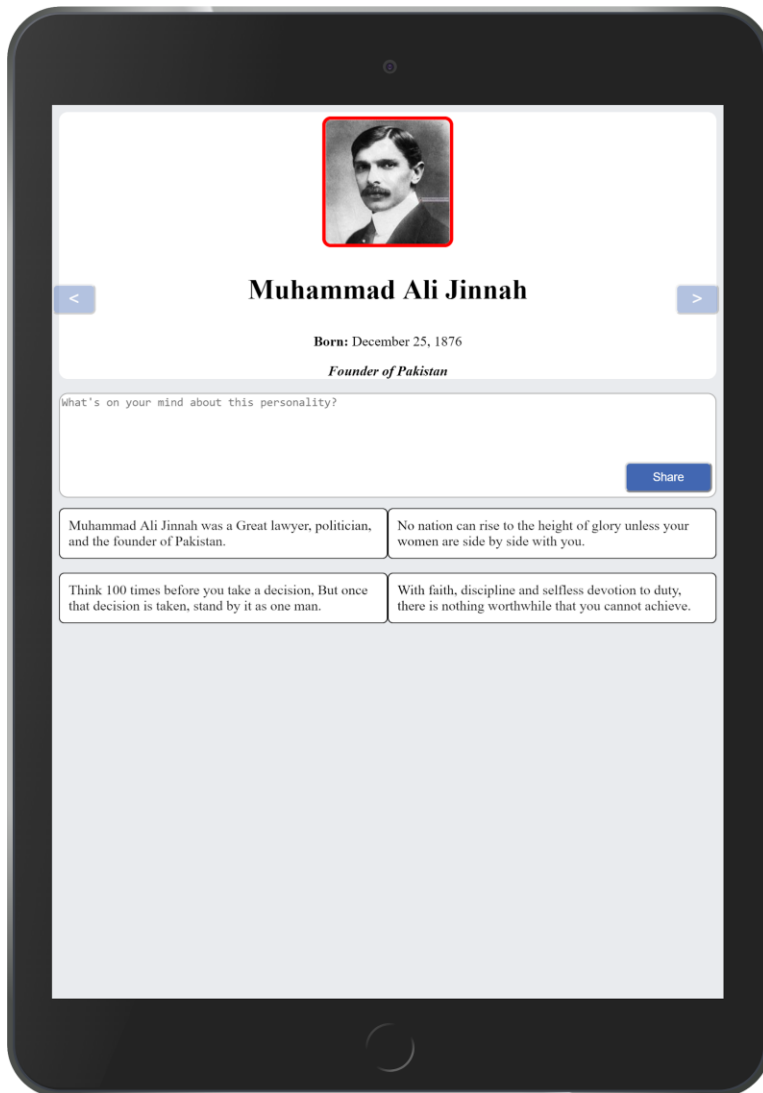
Submission

Compress all the files into a zip file and submit it to the "mid-term" folder submission directory on LMS.
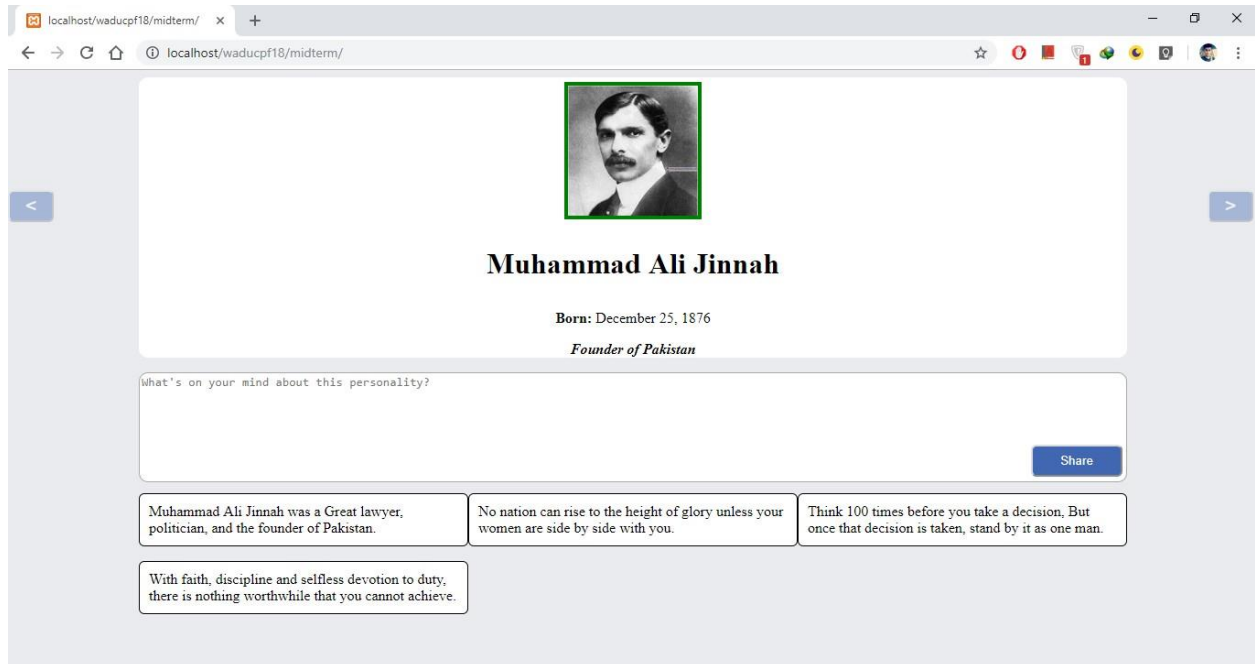
View on below 500px screen width

Imran Khan

Born: October 5, 1952

Prime Minister of Pakistan

What's on your mind about this personality?

Share

I love my prime minister Imran Khan.. <3

Greatest Cricketer and Politician All the time !!

<

>

View on 500px - 799px screen width

Muhammad Ali Jinnah

Born: December 25, 1876

Founder of Pakistan

What's on your mind about this personality?

Share

Muhammad Ali Jinnah was a Great lawyer, politician, and the founder of Pakistan.	No nation can rise to the height of glory unless your women are side by side with you.
Think 100 times before you take a decision, But once that decision is taken, stand by it as one man.	With faith, discipline and selfless devotion to duty, there is nothing worthwhile that you cannot achieve.

View on 800px and greater screen width

Question 01

1. Create profiles array of three JSON Objects in JavaScript according to above-mentioned views. **(15)**
   - ○ Muhammad Ali Jinnah
   - ○ Imran Khan
   - ○ <YOUR OWN>

   Hint: *For your own Object, use **dummy_male** or **dummy_female** images from "images" folder.*

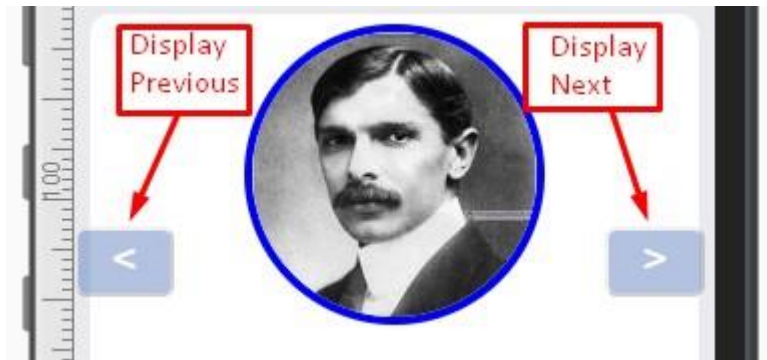2. Make a javascript function to display the first profile dynamically from objects array created in *part 1*. **(5)**

   Hint:
   .getElementById()
   .innerText
   .innerHTML
   .src

3. Make a javascript function to switch next or previous profile on button click event accordingly as shown below. **(5)**

4. After reaching the last profile, if a user clicks the **>**(display next button), then 1st profile should be displayed and same for **<**(display previous button), so that user can rotate all profiles accordingly. **(5)**

5. As you can see that there is some transparency in **>**(display next button) and **<**(display previous button), add a CSS rule in *style.css* so that when user bring mouse pointer on any of buttons, transparency must be removed. **(5)**

Question 02

1. Create a javascript function to get users comments in the given text area. Call this function on when a user clicks on the *share* button. **(5)**

2. Display an error message in red color if a user clicks on the button without any text or with only spaces in the text-area as shown below, otherwise save it in the array of currently visible profile accordingly and empty the text-area afterward. **(15)**

Hint:
.getElementById()
.value
.trim()
.length
.push()

3. Display all comments under the text-area such that the latest comments by a user should be displayed on the top. Create a div and add *"comment"* class on it dynamically in javascript. **(15)**
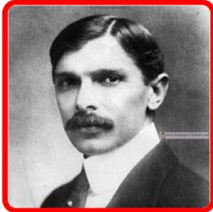   *Hint:*
   .getElementById()
   .innerHTML
   .createElement()
   .classList.add()
   .appendChild()

Question 03

1. Update design for 500px to 799px width devices **(12)**
   - Update display picture border color
   - Update display picture radius
   - Show two columns of comments

Muhammad Ali Jinnah

Born: December 25, 1876

Founder of Pakistan
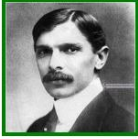
What's on your mind about this personality?

Share

Muhammad Ali Jinnah was a Great lawyer, politician, and the founder of Pakistan.

No nation can rise to the height of glory unless your women are side by side with you.

2. Update design for 800px and above width devices **(18)**
   - ○ Update display picture border color
   - ○ Update display picture radius
   - ○ Show three columns of comments
   - ○ Page content should be on 80% of the total width and displayed in the center.