ASSIGNMENT-1

**Course Registration Web-App**

**Web-APP Objective:**

To create a registration page for registering in courses by selecting appropriate options for level of education, semester and career option.

**Features of Course registration app:**

* User Details (e.g. First name, last name, ID)
* Able to choose levels of education (e.g. bachelors, masters)
* Able to choose semester (e.g. Spring, Fall)
* Able to choose career option (e.g. Computer science, Electrical engineering)
* Form-Validation
* Based on selected combination, courses information is displayed
* Course information like course name, course description, credit hours, course URL, day and timings.
* Course URL gives the basic information of course like syllabus, grading policy etc.
* Responsive Web Design

**Steps of Execution:**

**Step1:** An Course Registration page is created where user gives their details like first name, Last name, ID and user can select their desired semester, career, degree level.

The screenshot is shown below:

A screenshot of a cell phone

Description generated with very high confidence

**Step2:** Form-Validation is done. If the user doesn’t fill any of the field, an alert is given saying “the respective fields should be filled out”.

This screenshot shows the first name and last name must be filled out:

**A picture containing screenshot

Description generated with high confidence**

This screenshot shows the last name must be filled out:

**A picture containing screenshot

Description generated with high confidence**

**Step3:** After giving the details, user needs to select their semester, degree level, career option.

The following screenshots displays the list of courses and their relevant information like course name, course description, credit hours, instructor name, course URL, and course teaching days and timings in a week

This screenshot displays the courses for combination Bachelors-Spring-Computer Science.

**A screenshot of a cell phone

Description generated with very high confidence**

This screenshot displays the courses for combination Bachelors-Spring-Electrical Engineering.

**A screenshot of a video game

Description generated with high confidence**

This screenshot displays the courses for combination Masters-Fall-Computer Science.

A screenshot of a cell phone

Description generated with very high confidence

This screenshot displays the courses for combination Masters-Fall-Electrical engineering.

A screenshot of a cell phone

Description generated with very high confidence

**Step4:** Made the page responsive.

**A screenshot of a cell phone

Description generated with very high confidence**

**Tools and Languages:**

* WebStorm 2017 3.3x64
* HTML5
* JAVASCRIPT
* CSS
* BOOTSTRAP

**References:**

<https://www.w3schools.com/html/>

https://css-tricks.com/almanac/

<https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/JavaScript_basics>