

Web Development Course  
Project Description  
C-Craft Student Activity Website

Round 1

This project is a practice for you to start using what you have studied throughout the course in a real-life application which is a website for our student activity.

The best website will be taken as a start for the official student activity website as we are going to add more things to it before hosting it online.

### Important Notes:

- You can work in pairs (It is not essential).
- You can start working after the Eid.
- The website must be stable at least on a laptop screen (Bootstrap will help).
- You're free to choose your design, but it must be proper for the viewer.
- Think about corner cases and do the needed validations for them.
- You should have a good naming convention and a clean and optimized code.
- When facing problems, think smart and outside the box for their solutions
- Deadline is on **Friday, 4<sup>th</sup> of September, at 11:59 PM.**

### Project Description:

You are required to build a full website for our student activity "C-Craft" which allows a user to see our available courses and join them to see their materials, tasks, and projects. Also, a user should be able to contact us through a contact form inside the website.

### Required Pages:

Each of the following pages must have the same navigation bar and same footer.

- **Home page** which contains the following:
  - Cover containing the student activity name, and a brief description about the student activity (It is up to you to come up with any description).
  - A list with our four courses (Machine Learning, Embedded Systems, Web Development, Graphic Design). Each course has a relevant image, its name, a brief description about it, and a button linked to the course page.
- **Forms pages** which are divided into the following four pages:
  - Contact Us page, which has a form with the following order of fields:
    - The user's name
    - The user's email
    - The subject of the contact message
    - The message

The message should be sent to the following email address: [ccraftsa@gmail.com](mailto:ccraftsa@gmail.com)

- Registration page, which has a form with the following order of fields:
  - Name
  - Email (as the DB primary key)
  - Password
  - Confirm Password
  - Gender
- Log In page, which has a form with the following order of fields:
  - Email
  - Password
- Profile Edit page, which has a form with the following order of fields:
  - Choosing a profile picture
  - Name
  - Bio
  - Gender
- **Course Details page** divided into two sections with the following data in them:
  - Section 1: containing the following:
    - Name of the course
    - Instructor's picture and his name
    - Start and end date
    - Number of sessions
    - Sessions' schedule
    - A "join course" button if the user is not enrolled, but a "view material" button if the user is already enrolled in the course.
  - Section 2: contains the course syllabus (lessons' names).
- **Course Materials page** will be divided into:
  - Sessions:
    - Slides
    - Code
  - Assignments
  - Project
- **Profile page** divided into two sections with the following data in them:
  - Section 1: contains a profile image, name, bio, the courses which the user is enrolled in, and a button linked to an edit page to edit the user data. The bio, and courses are empty as a default. Default profile image will depend on the gender of the user.
  - Section 2: contains the courses of the user. Each course has its image, name, classroom code, and two buttons, one linked to the materials page of the course, and the other linked to the details page of the course.

## Navigation Bar:

The left side of the navigation bar should have the following links:

- **Student Activity name** which links to the Home page
- **Our Courses** dropdown list, which display a list of the available courses
- **Contact Us** which links to the Contact Us page

The right side of the navigation bar should have the following links:

- If the user is logged in:
  - **Profile** which links to the user's Profile page
  - **Log Out**
- If the user is not logged in:
  - **Register** which links to the Register page
  - **Log In** which links to the Log In page

### Footer:

It should have at least some imaginary links to our social media to make the user follow us through them.

### Registration:

In registration, you should have an email verification system to make sure that the user's email is a real existing email

### Authentication:

Only logged in user can do the following:

- View profile
- Join a course
- View course materials (must be enrolled in it too)

If the user tried to do anything from the above, you must redirect him/her to Log In page with a flash message saying the he/she must be logged in.

### Deliverables:

- **A text file containing the GitHub repository link** with the following folders and files in it:
  - app.js
  - package.json
  - views folder
  - routes folder
  - public folder
  - models folder
  - config folder
- If you are working in pairs, both of you should submit the project.