



Midterm Project Objective and Instructions

Objectives

The purpose of this project is to **customize and enhance** a pre-existing **BootstrapMade** template to fit an assigned topic. Each group will modify the website's design, content, and functionality to create an **informative, interactive, and visually appealing** site related to their topic. The final website will be **deployed on Vercel**, demonstrating the team's ability to integrate frontend development, content presentation, and deployment strategies.

Instructions

1. Download and Set Up the BootstrapMade Template

- Each group must **choose and download** a BootstrapMade template that best suits their topic.
- Extract the template files and set up the project in a **GitHub repository** for version control.
- Ensure that all members have access to collaborate on the project.

2. Customize the Website Based on the Assigned Topic

- Modify the **homepage** to reflect the group's topic clearly.
- Update the **header, footer, and navigation** for better usability.
- Add relevant **images, icons, and multimedia content** to enhance visual appeal.
- Ensure that the **color scheme and typography** are consistent with the theme.

3. Implement Features & Functionality

- Add **interactive elements** such as sliders, forms, or dynamic content.
- Add **Registration and Login forms** and perform input validation using JavaScript.
- Include **relevant external links, embedded videos, or maps** if applicable.
- Ensure that the website is **fully responsive** on different screen sizes.
- Fix any **broken links, unused sections, or unnecessary elements** from the template.

4. Optimize for Performance and Accessibility

- Optimize **images and assets** for faster loading speeds.
- Use **semantic HTML** and proper headings for accessibility.
- Ensure that the website is **mobile-friendly and responsive**.

5. Deploy the Website on Vercel

- Create a **Vercel account** and connect the project's GitHub repository.
- Deploy the website on Vercel and ensure it runs without errors.
- Share the **live URL** with the instructor for evaluation.

6. Prepare a Presentation & Documentation

- Each group must prepare a **short presentation (5-10 minutes)** explaining:
 - **Overview of the topic**
 - **Website modifications and features**
 - **Challenges faced and solutions**
 - **Live demo of the deployed website**
- Submit **documentation** detailing:
 - **Group members' contributions**
 - **Customization summary**
 - **Steps taken for deployment**

Submission Requirements

- ✓ Customized **BootstrapMade** template with topic-appropriate modifications
- ✓ **Live website link** deployed via Vercel
- ✓ **GitHub repository link** with clean, structured code
- ✓ **Presentation slides** explaining the project
- ✓ **Documentation** including group contributions and deployment process

Evaluation Criteria (100 Points Total)

1. **Design & UI/UX** – 20 points
2. **Content Relevance & Accuracy** – 20 points
3. **Website Functionality & Features** – 20 points
4. **Originality & Creativity** – 15 points
5. **Team Collaboration & Contribution** – 15 points
6. **Presentation & Documentation** – 10 points