BCSE203E - Web Programming
Digital Assignment – II
Winter Semester 2024 – 2025
Topic: Develop Your Own JavaScript-Based Project

Objective:
Enhance your web development and programming skills by conceptualizing and creating a unique project using JavaScript. This assignment aims to foster your creativity, problem-solving abilities, and technical knowledge in a practical setting.

Assignment Instructions:

1. Project Selection:
   Select a project that interests you and aligns with your learning goals. Ensure that your project idea challenges your skill and allows you to learn new aspects of JavaScript.

2. Proposal Submission:
   Submit a brief proposal outlining your project idea. Include the following:
   o Project Title: A concise and descriptive name for your project.
   o Objective: What will your project accomplish? What problem does it solve or what need does it fulfill?
   o Features: List the key features and functionalities you plan to implement.
   o Technologies: Mention any additional technologies or tools you plan to use alongside JavaScript.

3. Development:
   Once your proposal is approved, start developing your project. Keep the following in mind:
   o Code Quality: Write clean, readable, and well-commented code.
   o User Interface: Ensure your project is user-friendly and has an intuitive design.
   o Testing: Test your application thoroughly to ensure all features work as expected.

4. Documentation:
   Document your development process, challenges faced, and how you overcame them. Include any resources or tutorials used.

Assignment Submission Data:
- GitHub Repository: [Link to your repository]
- Documented Steps: [Attach your step-by-step documentation]
- Learning Reflections: [Attach your 10 learning points]
- Importance of your project: [Your written reflection]
- Screenshots: [Attach screenshots of your webpage]

Evaluation Criteria:
- Creativity and Originality: How unique and innovative is your project idea?
- Functionality: Does the project work as intended without errors?
- Design and User Experience: Is the project visually appealing and easy to use?
- Code Quality: Is your code well-organized, commented, and adhering to best practices?

Submission of Assignment:
- Due Date: Check VTOP
- Must upload in GitHub, Moodle and VTOP

Note:
- No plagiarism.
- The assignment must be on your own if you copied it from anywhere else. The marks will be awarded zero.
- While submitting the digital assignment, must follow the details.
  - On the first page your details
  - Second page GitHub Repo Link and GitHub Pages (github.io) link.
  - Third-page table of the content

Further Queries:
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