Human Computer Interaction Evaluation and Redesign Course Project

Project Title: HCI Evaluation and Redesign of [Application Name]

1. Introduction:

- Brief overview of the selected web or mobile application.
- Explanation of the significance of the project in terms of Human-Computer Interaction (HCI).

2. Application to be Evaluated:

- Provide detailed information about the chosen application, including its purpose, target audience, and key features.
- Specify whether it is a web or mobile application.

3. Heuristic Evaluations:

- Apply Heuristic evaluations based on Fits Law, Hicks Law, and Nelson Heuristics where applicable.
- Describe the process of conducting the evaluations.
- Document the findings using the Nielsen Heuristic template:
    - Evaluation Date
    - URL of the evaluated application
    - Heuristic Violations
    - Severity Ratings
    - Suggestions for Improvement
    - Difficulty to Fix

4. Redesign:

- Implement changes based on the identified heuristic violations.
- Utilize design tools such as Figma or Adobe for the redesign.
- Provide a rationale for each design change made.
- Document the steps taken to resolve the identified issues.

5. UI Testing:

- Evaluate the system UI using UI testing tools, e.g., Selenium.
- Describe the testing process and criteria.
- Document any UI issues identified during testing.
- Provide recommendations for addressing and resolving UI issues.

Submissions

1) **Project Proposal** should be submitted by the 16th of November 2023 with the following compulsory information.

Project Title:

Project Team (Roll Numbers at least):

Project Description:

2) **Heuristic Evaluations** should be submitted by 23 November 2023 with the following findings

- Evaluation Date
- URL of the evaluated application
- Heuristic Violations
- Severity Ratings
- Suggestions for Improvement
- Difficulty to Fix

3) **Redesign** should be submitted by 30 November 2023 with the following findings

- Implement changes based on the identified heuristic violations.
- Utilize design tools such as Figma or Adobe for the redesign.
- Provide a rationale for each design change made.
- Document the steps taken to resolve the identified issues.
- Attach the new designs

4) **UI Testing** should be submitted by 07 December 2023 with the following findings

- Evaluate the system UI using UI testing tools, e.g., Selenium.
- Describe the testing process and criteria.
- Document any UI issues identified during testing.
- Provide recommendations for addressing and resolving UI issues.