UE23CS352A Machine Learning

Mini-Project Guidelines and Instructions

This document outlines the structure, deliverables, and evaluation criteria for the upcoming mini-project. Please read all instructions carefully.

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1. Overview & Timeline

This is a two-week mini-project designed to give you hands-on experience in solving a problem within a team.

- **Project Start Date:** Monday, September 29, 2025
- **Project Duration:** 2 Weeks
- **Deliverables Submission Deadline: Monday, October 13, 2025 (11:59 PM)**
- **Review & Demonstration Dates: Tuesday, October 14 & Wednesday, October 15, 2025**

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2. Team Formation & Problem Statement

- **Team Composition:** You have been randomly assigned to teams of **two members** within your respective sections. The team list will be circulated separately.
- **Problem Assignment:** Each team has been randomly assigned a numbered problem statement. Please refer to the master list to find the problem statement corresponding to your team's assigned serial number.

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3. Project Deliverables (Due by October 13, 2025)

Each team is required to submit the following items for evaluation. All items are mandatory.

- **Source Code in a GitHub Repository:**
  - All code developed for the project must be hosted in a private GitHub repository.
  - The repository must be shared with the faculty and your assigned Teaching Assistants (TAs).
  - The repository should include a `README.md` file with instructions on how to set up and run your project.
- **One-Page Write-up:**

- A concise, single-page summary of your project.
- The write-up should include your problem statement, the approach you took to solve it, a brief overview of your implementation, and any conclusions or challenges faced.
- The document must be submitted in PDF format.

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4. Final Review & Demonstration (October 14-15, 2025)

- A mandatory review session will be held for all teams on October 14th and 15th. A detailed schedule will be shared closer to the date.
- During the review, each team must present their work with a presentation (slides deck) and give a **live demonstration** of the working code.
- Be prepared to explain your methodology, code structure, and answer questions from the evaluation panel.

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5. Evaluation and Marks

- This mini-project carries a total of **10 marks**.
- The final grade will be based on the quality of your deliverables (code functionality, repository maintenance, write-up clarity) and your performance during the review session (presentation, demo, and Q&A).

For any questions or clarifications, please contact the designated TAs or the faculty. Good luck!
