CS-3610: Information Security (Monsoon 2025)
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Course project-cum-assignment

Due date: November 15, 2025 - 11:59 PM   **Max Marks: 100**

Instructions:

1. This is an individual assignment. Any form of plagiarism will lead to an **F** grade in the course.

2. You have to identify and outline a **small, well-scoped security problem**, and propose a **holistic solution**. Independent tools or techniques (like encryption or authentication) alone do not ensure security; the goal is to demonstrate how multiple mechanisms and design choices interact to create a secure system.

3. You may choose to:

   - Prepare a video presentation (**not more than 15 minutes**) and a typeset report (**not more than 500 words**), **or**

   - Submit a written report focusing on a **security analysis and/or secure system design** of an end-to-end security architecture of a public service application.

4. If you build or simulate a system as part of your project, include your **code or implementation files** along with the report. The report should clearly explain your design, reasoning, and how the solution achieves end-to-end security.

5. Evaluation will be based on:

   - How clearly you define the problem and its threat model.

   - How cohesive and realistic your proposed solution is.

   - The clarity and organization of your report or presentation.

6. Submit a single compressed file containing all components (report, video, and/or code). Name your file as `YourFullName_project.zip`.