

# **CS 4398/5394: Software Engineering Project**

## **Assignment 1**

**Total Points: 0**

**Assignment Due: February 11, 2026, 11:59 PM**

### **Brief Project Descriptions**

In this assignment, your team will submit a project proposal outlining the details of your planned group project for this semester. This will help define the scope, objectives, and technical aspects of your project, ensuring alignment with the course goals.

#### **Deliverables:**

1. **Summary of the Project:**
  - **Title**
  - **Project description**
  - **Objectives/Goals**
  - **Final Outcomes**
  - **Benefits and Limitations**
2. **Implementation Outline:**
  - **Software Development techniques** to be used
  - **IDE, framework, and tools** planned for development
  - **Programming languages** chosen for implementation

#### **Submission Guidelines:**

- Submit **one** document (**.pdf format**) **per group** via Canvas.
- The first page should include:
  - **Project Title**
  - **Group Number**
  - **Names of all group members and TXST email address**
- The rest of the document should detail all deliverables listed above.

#### **Additional Notes:**

- The project should have a **sufficiently large scope** for a group of **four students** to complete by the end of the semester.
- The project should include some **Graphical User Interface (GUI)** components.

- It is preferable to develop an **application software** that incorporates techniques learned in this course.
- **Creative and innovative ideas are highly encouraged!**
- **Once your group submits the project proposal, we will provide comments and feedback for necessary revisions.**