COE 485: Senior Design Project (151)
Project Plan — Template

Note: You can base your plan on the project proposal, after refining it to match what you actually intend to do in your project, and discussing any changes to the original proposal with your project advisor.

Title

A short, representative name for your project. A catchy name is a plus.

Problem Statement

What problem is the project trying to solve?

Outcome

Description of the prototype or product to be produced by the project.

Requirements

What should your solution do? You will be responsible for fulfilling these requirements.

Relevance and Impact

Why do you think this problem is worth solving? How many people do you think your solution will affect? And how significant will that effect be?

Advisor

Name of faculty member supervising the project.

Team and Roles

List of student members' names, IDs, and roles. Each of the following roles must be assigned to one student (a student can have multiple roles):

- Project Manager: *coordinates the team activities and submitting the project deliverables.*
- Requirement Analyst: *coordinates project analysis and writing the requirements and specifications.*
- System Architect: *coordinates architecting the system and documenting its architecture.*
- System Designer: *coordinates designing system components and documenting that design.*
- Test Engineer: *coordinates the testing effort and writing the testing-related documentation.*
- Development Engineer: *leads and coordinates the development effort.*

Example:

No.	ID	Name	Roles
1	ID 1	Name 1	Project Manager
2	ID 2	Name 2	System Architect, Test Engineer
3	ID 3	Name 3	Requirements Analyst, Development Engineer
…	…	…	…

Timetable

Gantt chart or similar presentation showing:

- *Major milestones.*
- *Main tasks under each milestone.*
- *Each task's owner.*
- *Tentative time frame and due date for each milestone and main task.*

Example:

Task ID	Task Name/Description	Owner	W1	W2	W3	W4	…
1.0	**Milestone 1**	Student 1	X	X	X		
1.1	Task 1.1	Student 1	X	X			
1.2	Task 1.2	Student 2		X	X		
1.3	Task 1.3	Student 3		X	X		
2.0	**Milestone 2**	Student 2					
2.1	Task 2.1	Student 3		X	X		
2.2	Task 2.2	Student 3				X	X
…	…	…					