

PROJECT PLANNING & SCHEDULING

Project Planning Template

Date	2 ND February 2026
Team ID	LTVIP2026TMIDS66183
Project Name	Civil Engineering Insight Studio
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Project Setup & Infrastructure	USN-1	Configure the project environment by installing required software tools, libraries, and frameworks needed for developing the Civil Engineering Insight Studio.	1	Medium	Suhitha, Aswini
Sprint-1	Data Collection& Preprocessing	USN-2	As a developer, I want to collect and preprocess civil engineering project data (loads, materials, dimensions) so that it can be used for analysis and insight generation.	2	High	Gowtham, Niteesh

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Analysis Module Integration	USN-3	As a developer, I want to integrate structural safety, material optimization, and cost analysis modules into the web application to provide engineering insights.	2	High	Aswini, Suhitha
Sprint-3	Error Handling & Input Validation	USN-4	As a user, I want to receive proper error messages when incorrect or incomplete project data is entered so that I can correct it easily	2	High	Suhitha, Aswini, Niteeshwar Reddy, Gowtham