

# PROJECT PLANNING & SCHEDULING

## Project Planning Template

<b>Date</b>	2 <sup>ND</sup> February 2026
<b>Team ID</b>	LTVIP2026TMIDS84448
<b>Project Name</b>	Civil Engineering Insight Studio
<b>Maximum Marks</b>	5 Marks

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

Use the below template to create product backlog and sprint schedule

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
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	B Praveen Varma
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	Shaik Gafoor Gani

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
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	Sai Lokesh Ande
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	Sai Lokesh Ande