

Initial Project Planning Template

Date	20 June 2024
Team ID	740019
Project Name	3D Printer Material Prediction Using Machine Learning
Maximum Marks	4 Marks

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

The project involves researching 3D printing materials, data collection, preprocessing, machine learning model development, training/testing, system implementation, and UI design across six two-week sprints for efficient execution.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Research & Data Collection	1,2	Gather research articles and collect data	5	High	R. Rasmitha	2024-07-16	2024-07-29
Sprint-1	Data Preprocessing & Model Development	3,4	Clean/preprocess data and develop initial ML model	8	High	S.Ragini	2024-07-15	2024-07-29
Sprint-1	Model Training & Testing	5,6	Train/test ML model and validate predictions	8	High	K.Saiteja	2024-07-15	2024-07-29
Sprint-1	Implementation & UI Design	7,8	Integrate model into system and design user interface	8	Low	MD.habeeb pasha	2024-07-15	2024-07-29