

### Initial Project Planning Template

Date	5 July 2024
Team ID	740050
Project Name	3D Printer material prediction using machine learning
Maximum Marks	4 Marks

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

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Priority</b>	<b>Team Members</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>
Sprint-1	Data Collection and Preprocessing	USN-2	Understanding & loading data	Low	Habeeb pasha	2024/06/14	2024/06/15
Sprint-1	Data Collection and Preprocessing	USN-3	Data Cleaning	High	Rashmitha, Ragini	2024/06/14	2024/06/15
Sprint-1	Data Collection and Preprocessing	USN-4	EDA	Medium	saiteja	2024/06/14	2024/06/15
Sprint-2	Exploratory data Analysis	USN-5	Descriptive Statistics	Low	Rashmitha	2024/06/15	2024/06/16
Sprint-2	Exploratory data Analysis	USN-7	Visual Analysis	Medium	Ragini, Habeeb pasha	2024/06/15	2024/06/16
Sprint-2	Exploratory data Analysis	USN-6	Evaluating the model	High	saiteja	2024/06/15	2024/06/16
Sprint-3	Model Building	USN-8	Training the model in multiple algorithms	High	Rashmitha	2024/06/18	2024/06/23
Sprint-3	Model Building	USN-9	Testing the model	Medium	Ragini, saiteja	2024/06/18	2024/06/23
Sprint-3	Performance testing & Hyper parameter tuning	USN-10	Testing the model with multiple evaluation metrics	High	Habeeb pasha	2024/06/20	2024/06/25
Sprint-4	Model development	USN-11	Save the best Model	Medium	saiteja	2024/06/20	2024/06/25
Sprint-4	Model development	USN-12	Integrate with Web Framework & building HTML templates	Medium	Rashmitha	2024/06/29	2024/07/05

Sprint-4	Model development	USN-13	Flask importing and app.py	High	Akshaya	2024/07/01	2024/07/05
Sprint-3 Sprint-4	Project Report	USN-15	Report	medium	Rashmitha, Ragini, Saiteja, Habeeb pasha	2024/07/05	2024/07/10