

Initial Project Planning

Date	24-06-2025
Team ID	SWUID20250177148
Project Name	Machine learning approach for employee performance prediction
Maximum Marks	4 Marks

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

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection & Preprocessing	EP-1	Load and understand dataset	2	Low	Tanmay	2025/06/10	2025/06/12
Sprint-1	Data Collection & Preprocessing	EP-2	Handle missing values, encode categories	1	High	Tanmay	2025/06/12	2025/06/13
Sprint-1	Data Collection & Preprocessing	EP-3	Correlation & descriptive analysis	2	Medium	Tanmay	2025/06/13	2025/06/14
Sprint-2	Model Development	EP-4	Train Linear Regression	2	Medium	Tanmay	2025/06/14	2025/06/15
Sprint-2	Model Development	EP-5	Train Random Forest	2	High	Tanmay	2025/06/15	2025/06/15
Sprint-2	Model Development	EP-6	Train XGBoost & evaluate all models	2	High	Tanmay	2025/06/15	2025/06/16

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Web Integration (Gradio)	EP-7	Build Gradio UI for prediction	2	High	Tanmay	2025/06/16	2025/06/17
Sprint-3	Web Integration (Gradio)	EP-8	Add input validation & output formatting	2	High	Tanmay	2025/06/17	2025/06/18
Sprint-4	Report & Documentation	EP-9	Prepare documentation & final report	2	High	Tanmay	2025/06/18	2025/06/20
Sprint-4	Report & Documentation	EP-10	Create video + GitHub upload	2	High	Tanmay	2025/06/20	2025/06/23