

Initial Project Planning Report

Date: 31-07-2025

SkillWallet ID: **SWUID20240141492**

Project Name: Employee Performance Prediction using Machine Learning

Maximum Marks: 4 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint Functional Requirement (Epic)	User Story Number	User Story / Task	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1 Data Collection and Preprocessing	EP-1	Understanding & loading data	Low	Bhumika	2025/07/09	2025/07/11
Sprint-1 Data Collection and Preprocessing	EP-2	Data cleaning	High	Bhumika	2025/07/09	2025/07/11
Sprint-1 Data Collection and Preprocessing	EP-3	Exploratory Data Analysis (EDA)	Medium	Bhumika	2025/07/09	2025/07/11
Sprint-2 Model Development	EP-4	Training the ML model	Medium	Bhumika	2025/07/12	2025/07/15
Sprint-2 Model Development	EP-5	Evaluating the model	Medium	Bhumika	2025/07/12	2025/07/15
Sprint-2 Model Tuning and Testing	EP-6	Hyperparameter tuning	High	Bhumika	2025/07/16	2025/07/18
Sprint-2 Model Tuning and Testing	EP-7	Model testing	Medium	Bhumika	2025/07/16	2025/07/18
Sprint-3 Web Integration and Deployment	EP-8	Building HTML templates (Frontend)	Low	Bhumika	2025/07/19	2025/07/22
Sprint-3 Web Integration and Deployment	EP-9	Flask integration (Backend)	High	Bhumika	2025/07/19	2025/07/22
Sprint-4 Project Documentation	EP-10	Writing final project report	Medium	Bhumika	2025/07/23	2025/07/30