Initial Project Planning Template

Date	Nov 2024
Team ID	Team-739663
Project Name	AI-Enabled Candidate Resume Screening using NLP
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	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Resume Data Handling	USN-1	Resume Dataset Collection and Upload	High	Abhinay	2024/11/01	2024/11/01
Sprint-1	Resume Data Handling	USN-2	Resume Preprocessing (Text Extraction & Cleaning)	High	Abhinay	2024/11/01	2024/11/01
Sprint-1	Resume Data Handling	USN-3	Job Description Parsing and Preprocessing	Medium	Siddharth	2024/11/04	2024/11/04
Sprint-2	NLP Processing	USN-4	Tokenization, Stop Word Removal, Lemmatization	Medium	Siddharth	2024/11/04	2024/11/04
Sprint-2	NLP Processing	USN-5	Skill and Keyword Extraction using NLP	High	Shahistha	2024/11/06	2024/11/06
Sprint-2	NLP Processing	USN-6	Resume and JD Similarity Calculation (Cosine Similarity etc.)	High	Shahistha	2024/11/06	2024/11/06

Sprint-3	Model Building	USN-7	Train Matching Model with ML/NLP techniques	High	Shahistha	2024/11/08	2024/11/08
Sprint-3	Model Testing	USN-8	Model Evaluation using Accuracy, Precision, Recall, F1	Medium	Shirisha	2024/11/10	2024/11/10
Sprint-3	Optimization	USN-9	Hyperparameter Tuning & Performance Testing	High	Shirisha	2024/11/12	2024/11/12
Sprint-4	Deployment & Integration	USN-10	Save Best Model	Medium	Shirisha	2024/11/12	2024/11/12
Sprint-4	Deployment & Integration	USN-11	Integrate Model with Flask	High	Siddharth		
Sprint-4	Deployment & Integration	USN-12	Build HTML Templates & User Interface	Medium	Siddharth		
Sprint-4	Project Documentation	USN-13	Final Report Preparation	Medium	Shahistha, Shirisha	2024/11/15	2024/11/15