Initial Project Planning Template

Date	1 Dec 2025
Team ID	RT
Project Name	Restaurant Recommendation System
Maximum Marks	4 Marks

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

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 Preprocessing	USN-1	As a data scientist, I can load and clean Zomato dataset (nulls, duplicates, 51k→12k records) so that quality data feeds modeling.	3	High	Rohit	01 Dec 2025	07 Dec 2025
Sprint-1	Data Preprocessing	USN-2	As a data scientist, I can engineer features (cuisine soup, TF-IDF vectorizer) so that preferences are captured numerically.	5	High	Rohit	01 Dec 2025	07 Dec 2025
Sprint-3	Model Development	USN-3	As a ML engineer, I can train TF-IDF content-based	8	High	Rohit	08 Dec 2025	14 Dec 2025

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
			recommender (max_features=5000) so that personalized suggestions generate.					
Sprint-4	Model Development	USN-4	As a ML engineer, I can tune hyperparameters (GridSearch ngram=(1,2)) achieving 85%+ success so that accuracy improves.	5	High	Rohit	14 Dec 2025	21 Dec 2025
Sprint-5	Deployment & UI	USN-5	As a developer, I can deploy via Flask app (query input → top recs) so users get real-time suggestions.	5	Medium	Rohit	22 Dec 2025	1 Jan 2026
Sprint-5	Deployment & UI	USN-6	As a user, I can test group recs ("pizza for family") evaluating similarity score so system validates end-to-end.	3	Medium	Rohit	22 Dec 2025	1 Jan 2026