Initial Project Planning

Date	2 July 2025
Student Name	Sanika Suresh Patil
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	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection & Cleaning	USN-1	As a data scientist, I need to collect and clean restaurant review and rating data from public sources (e.g., Yelp, Zomato).	3	High		
Sprint-1	Model Selection & Training	USN-2	As a developer, I need to build and train a collaborative filtering model for personalized recommendations.	3	High		
Sprint-2	User Interaction & Search	USN-3	As a user, I want to input my location and food preferences to get relevant restaurant suggestions.	2	High		

Sprint-2	Sentiment Analysis	USN-4	As a data scientist, I want to perform sentiment analysis on user reviews to enhance recommendation quality.	2	High		
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Sprint-3	Performance & UX Optimization	USN-5	As a developer, I want to optimize model response time and improve the UI layout for mobile and desktop.	2	Medium		

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