Project Initialization and Planning Phase

Date	30 June 2025
Student Name	Dhirajkumar Vijaysinh Shinde
Project Name	Restaurant Recommendation system
Maximum Marks	3 Marks

Problem Statements (Restaurant Recommendation system):

PS No.	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS- 1	A tourist in a new city	Find good local restaurants	I don't know the area well	I lack local knowledge or reviews	Confused and unsure of where to eat
PS- 2	A vegetarian diner	Get recommendations for veg-only restaurants	Most apps show mixed cuisine places	I want strict dietary options	Frustrated and unsupported
PS- 3	A restaurant owner	Attract more customers through recommendation platforms	My restaurant not being recommended often	The system doesn't promote new or small businesses	Invisible and discouraged
PS- 4	A student on a tight budget	Find affordable but tasty restaurants	Expensive options are shown first	Filters don't prioritize price or value	Overwhelmed and discouraged
PS- 5	A delivery app user	Get suggestions based on past orders	It doesn't adapt to my taste	The system lacks learning	Frustrated by repetition
PS- 6	A parent of young kids	Find kid-friendly and hygienic restaurants	No way to filter for child-friendly	Lack of safety and family-focused features amenities	Anxious about experience

PS- 7	A small restaurant owner	Increase customer footfall via platforms	My business is buried under chain listings	Ranking algorithms favor large brands	Discouraged and invisibleguide

PS- 8	A new-in-town resident	Explore culturally diverse food options	Unaware of hidden gems in my area	No cultural/ethnic tags or user reviews	Disconnected and bored of same cuisine
PS- 9	A food delivery platform analyst	Monitor food safety and restaurant quality	Can't verify ingredient safety from menus	Platforms lack A food item scanners or trackers	Concerned about consumer trust
PS- 10	A data scientist	Analyze food trends from reviews	Datasets are messy, biased, or unavailable	Lack of structured sentiment and metadata	Blocked in model building and research
PS- 11	A foodie traveler	Find top-rated local restaurants in new cities	Recommendations don't match my taste or location	Generic, irrelevant suggestions	Frustrated and unsure where to eat
PS- 12	A restaurant owner	Improve my visibility on food apps	My reviews are outdated or low-rated	I can't easily respond or update info	Powerless and misrepresented
PS- 13	A health-conscious customer	Find healthy eating options nearby	Menus and calorie info are missing	I can't make informed decisions	Disconnected from my health goals

PS- 14	A healthconscious individual	Track the health benefits of different mushrooms	I can't identify what's in the store or dish	There's no easy app for instant scanning	Disappointed and disconnected from my health goals