Project Initialization and Planning Phase

Date	25 May 2025
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Project Name	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 is 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

Maximum Marks	3 Marks

Problem Statements (Restaurant Recommendation system):

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 AI 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PS-12	A restaurant owner	Improve my visibility on food apps	My reviews are outdated or low-rated	I can't easily respond or update info	Powerless and misrepresented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 healthconscious 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	Track the health benefits of different	I can't identify what's	There's no easy app for instant scanning	Disappointed and disconnected from my health goals