ProjectInitializationandPlanningPhase

Date	26 May 2025
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ProjectName	RestaurantRecommendation system
MaximumMarks	3 Marks

ProblemStatements(RestaurantRecommendationsystem):

PS No.	I am(Customer)	I'mtryingto	But	Because	Whichmakesme feel
PS-1	Atouristin a new city	Findgoodlocal restaurants	Idon'tknowthe area well	I lack local knowledgeor reviews	Confusedand unsureofwhereto eat
PS-2	Avegetarian diner	Get recommendations for veg-only restaurants	Mostappsshow mixed cuisineplaces	I want strict dietaryoptions	Frustratedand unsupported
PS-3	Arestaurant owner	Attractmore customers through recommendation platforms	Myrestaurantis not being recommended often	Thesystemdoesn't promote new or small businesses	Invisibleand discouraged
PS-4	Astudentona tight budget	Findaffordablebut tasty restaurants	Expensive optionsare shownfirst	Filters don't prioritizepriceor value	Overwhelmedand discouraged
PS-5	Adeliveryapp user	Getsuggestions based on past orders	It doesn't adapt to my taste	Thesystemlacks learning	Frustratedby 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 invisible guide
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 scanner 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PS-12	A restaurant owner	Improve my visibility on food apps	My reviews are outdated or low-rated	I can't easily respond or update info	Powerless and misrepresented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