

## Project Initialization and Planning Phase

Date	26 May 2025
Student Name	Pooja Rajendra Chougule
Project Name	Restaurant Recommendation system
Maximum Marks	3 Marks

### Problem Statements (Restaurant Recommendations 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
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

<b>PS-6</b>	Aparentof youngkids	Findkid-friendly and hygienic restaurants	Nowaytofilter forchild-friendly	Lack of safety and family-focused featuresamenities	Anxiousabout experience
<b>PS-7</b>	A small restaurant owner	Increase customerfootfall via platforms	Mybusinessis buried under chain listings	Rankingalgorithms favor large brands	Discouragedand invisibleguide

<b>PS-8</b>	Anew-in-town resident	Explore culturally diversefood options	Unaware of hiddengemsin my area	No cultural/ethnic tagsoruserreviews	Disconnectedand bored of same cuisine
<b>PS-9</b>	A food delivery platformanalyst	Monitorfood safety and restaurant quality	Can't verify ingredient safety from menus	Platforms lack AI food item scanners or trackers	Concernedabout consumer trust
<b>PS-10</b>	Adata scientist	Analyzefood trends from reviews	Datasets are messy,biased,or unavailable	Lack of structured sentiment and metadata	Blockedinmodel building and research
<b>PS-11</b>	Afoodie traveler	Findtop-rated local restaurantsin new cities	Recommendations don't match my taste or location	Generic,irrelevant suggestions	Frustrated and unsurewheretoeat
<b>PS-12</b>	Arestaurant owner	Improvemy visibility on food apps	My reviews are outdatedorlow-rated	I can't easily respondorupdate info	Powerlessand misrepresented
<b>PS-13</b>	A health-conscious customer	Find healthy eating options nearby	Menusandcalorie info are missing	I can'tmake informeddecisions	Disconnected frommyhealth goals

<b>PS-14</b>	A healthconscious individual	Trackthehealth benefits of different mushrooms	I can't identifywhat's in the store or dish	There's no easy app for instant scanning	Disappointedand disconnected frommyhealth goals
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