

Grocery Tracker — Take Home Assignment

Problem Statement

Pain Point: now a days people order 90% of groceries via zepto , blinkit, swiggy instamart and other quick commerce platforms. Due to this we are not able to track and analyse where we are spending and how much

Eg: we set a budget of 4k each but end on spending almost 2X =8K this is only for common grocery and for personal there is another thing to worry

So due to this we end up spending almost 10k on total grocery each which is way too high!!

Need of hour: something which can help keep track of money spent on grocery category wise and display in good format and can also help visualise into charts, can set up alerts when weekly amount hits the threshold

Anything which helps in understanding about grocery spends and lowering the spends

What you need to do:

- You need to use Django / Flask / Fast API , DB of your choice
- Design and implement a solution for the above problem statement, consider it as an MVP of a startup who is going to test this product in the market with close group of users.
- You can use any 3rd party APIs which will help you in solving this problem. But note it should be feasible pricing. eg : you cannot come up with something which takes 1000 Rs / month / user to run. It should be economically feasible.
- You need to submit a document explaining the features, decisions you took, include tech architecture
- Include a deployment strategy for the solution.
- we will send open ai api key via email
- **You need to implement core module** for this problem statement which consists of:
 - taking input of order screenshots from quick commerce apps and convert into structured data
 - store this structured data in a database such that we can do analysis, retrieval on top of that

- basic APIs which do the above functions

Deadline:

You need to submit the github repo and document by **Sunday, 26th January 7 PM**

You will be evaluated on these parameters:

- Problem-solving approach
- Structured thinking
- Product-oriented mindset
- Backend development and implementation
- High-level system design and database selection
- Integration of AI APIs
- Creativity and unique features
- Deployment strategy