

DA Take Home Assessment

Please submit your response within 72 hours

Setup

Build a full-stack chatbot app using **Next.js (App Router)** and **an LLM API**. The chatbot should answer restaurant recommendation questions. Feel free to use any model of your choice, and you will be reimbursed up to 10\$ for any API spend.

Your chatbot should have access to two defined tools:

1. Reddit: The ability to search reddit and read reviews, then synthesize those into a response
2. Web search: The ability to search the internet for reviews and recommendations

Example user queries:

- Where is the best place to get mediterranean food in flatiron
- What should I order at four charles
- What is the difference between thai villa and soothr
- Is per se an expensive restaurant?

Deliverables

- A repository link (e.g., GitHub, GitLab), or Google drive link containing your code.
- If applicable, documentation in the README.md on how to run the app locally.
- A PDF answering the following questions. Please limit your answers to at most two sentences:
 - Describe a limitation of your application?
 - If given more time, what features would you like to add?

Bonus:

- Use Next.js
- App has a responsive design, and can adjust based on screen size
- Deploy the app to Vercel and share the link!

Evaluation Criteria

- **Functionality:** Does the app work as expected?
- **Code quality:** Is the code organized, clean, and commented when necessary?
- **UI/UX:** Is the app user-friendly and intuitive?
- **Error handling:** How does the app handle potential issues?
- **Documentation:** How well-documented is the code and setup instructions?