

Project Proposal (2-4 Hours)

Step Two is all about fleshing out your project idea. For this step, please write a proposal based on the project idea you agreed on with your mentor. This proposal should be a 1-2 page document that answers the following questions:

1. What tech stack will you use for your final project?

Answer: The MERN stack will be used for this Application. The Backend will be of Express JS on Node Js and Database will be of MongoDB and Frontend will be react JS.

2. Is the front-end UI or the back-end going to be the focus of your project? Or are you going to make an evenly focused full-stack application?

Answer This will be a full stack application Where Api is made for backend and frontend is there in react.

3. Will this be a website? A mobile app? Something else?

Answer: Website (WebApp)

4. What goal will your project be designed to achieve?

Ans: The goal is to create a renting platform for daily use items.

5. What kind of users will visit your app? In other words, what is the demographic of your users?

Ans: Users will be from diverse demographic.

6. What data do you plan on using? How are you planning on collecting your data?

Ans: The data is similar to social media posts. That has name image, description and few inputs. The CRUD operation is happening in the App.

- a. What does your database schema look like?

Ans: That will be NoSql based. With three collections Such as categories, items and bookings.

- b. What kinds of issues might you run into with your API? This is especially important if you are creating your own API, web scraping produces notoriously messy data.

Ans: Issues such as Database schema design in Nosql, deciding on the relationships if exists. User experience. Modal creation.

- c. Is there any sensitive information you need to secure?

Ans: For the future this App will have login and payment features. There will be sensitive information involved.

d. What functionality will your app include?

Ans: App contains booking CRUD functionality as well. In frontend there is Modal functionality and state management using hooks.

e. What will the user flow look like?

Ans: There will be homepage user selects one out of the 4 categories and list of cards of items in that category appears. As the user selects an item a modal opens for booking. User types the input and books the item. The list of bookings of that user appears in a tabular format.

f. What features make your site more than a CRUD app? What are your stretch goals?

Ans: In frontend there is Modal functionality, typing animation in css and state management using hooks. In backend Rest API implementation. My stretch goal is google login implementation.