

Front end Assignment

We are looking for a developer who can understand a customer's issue thoroughly and can work towards its solution from end to end, just like an entrepreneur mindset. We are looking for people who believe in creating real impact in customer life, love to iterate fast instead of waiting for months for a release and love to own the whole development cycle end to end for deep understanding of the product as a whole.

Problem Statement

We need to develop a mini version of an E-commerce home page with a highly specific set of features involving the front end part.

Required Features

A simple search bar, which will take a string as a query. It will send this query to an API on the backend, which will return results by substring match with a pre-stored list. a. Ex. you can store a list of products like "Ipod", "Camera", "carpet" in a hashmap on the backend.

Once an API receives a string like "bed" then that API should return ["wooden bed", "bed sheet"] as an output along with other metadata to show images and pricing on the front end. b. Sample input/output i. `api/v1/search?query=bed` c. Sample output: `{ "data": [{ "id": 1, "name": "wooden bed", "image": "www.xxx.xxx.xxx/xxx", ... }, { ... }] }`

For Designs you must decide on layout and styling, Also you can take a reference/inspiration from existing E-commerce sites.

For the backend part you are expected to create a mock json server.

Evaluation Criteria

Following aspects will be considered while evaluating your solution:

- 1.Code structure**
- 2.Performance of app**
- 3. Aesthetics**
- 4.Responsiveness**