

Web Test Series - I

Problem statement

Create a FULL STACK application (using NODEJS and REACT) to help people rent properties. There will be a landlord who lists his property on the market and there will be tenants who can rent a property.

Instructions

- You are **ALLOWED** to style the app any way you like.
- **DO NOT** cheat with other students. If you are found cheating, you will be **REJECTED**.
- Once you have finished with the test, make a video recording your computer screen (via phone or a software like OBS/screencastify etc) and give a walkthrough of your product (each and every functionality). The video can be **UPTO 5 mins** long. ***Please don't record videos longer than that. You will be REJECTED if there is no video.***
- **Upload** code on github and host **both** your node app and your frontend app. If any one is not hosted, your submission will be **REJECTED**.
- Once you have recorded the video, upload it on youtube (unlisted or whatever), drive or wherever you want to upload it and then fill out the form according to your batch:
 - Oct - <https://forms.gle/NikDf56AwhBZW9sW9>
 - Jan - <https://forms.gle/PBYQnjAuQJg81YY28>
 - Feb - <https://forms.gle/Sc8mHRHAFv5iibQA>

If you fill the wrong form, you will be **REJECTED**.

Features

1. Admin Panel

- a. Admin panel for landlords so that they can signup and list their property.
- b. Landlords can see who have applied for their property and accept/reject any user.
- c. This SHOULD NOT BE IN REACT. This would be server side rendered.
- d. Only sellers allowed to login, no tenant can login here (handle edge cases).

2. Public page

- a. This application HAS TO BE IN REACT.
- b. Home Page
 - i. Anyone can search for property here based on different parameters (1bhk/2bhk/3bhk; location like Delhi, Bangalore; rent like upto 5000p/m, upto 12000 p/m etc). These 3 params are compulsory.
 - ii. List of some top 5/10 properties.
- c. Search Results Page
 - i. List the searched properties, they should have an APPLY button.
 - ii. Only logged in users can APPLY for rent. Once applied, the seller can see who all have applied for their property.
- d. My Account

- i. This should be protected, only for logged in users.
- ii. Display user details.
- iii. Display all the properties a user has applied to and with their statuses (Pending, Rejected, Accepted).

3. UI

- a. Focus on UI, it should be neat and clean. Spend time to create a good UI.

FREE TIPS:

- For good UI, search for similar apps online or search Dribbble, Behance websites for UI mockups.

Points on which the project will be judged

- UI - 30
- Features - 50
- README - 10
- Code quality - 10