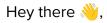# Software Engineer Hiring Assignment

Hey there 👋,

Your mission is to create a simple listing apartments app that allows the user to see more details about each apartment. 🚀

You should implement the following components:
- **Backend Application (node.js – typescript):**
    - An API endpoint for listing apartments.
    - An API endpoint for getting apartment details.
    - An API for adding apartments.
- **Responsive Frontend Application (Next.js):**
    - Apartment listing page.
    - Apartment details page.
    - Responsive design for mobile and web with good UI taken into consideration.
- **Database**: A relational or NoSQL database (e.g., PostgreSQL, MongoDB).

Bonus Task
- **Search and Filter Functionality**: Enable searching on the apartment listing page by unit name, unit number, or project.

Instructions

- The application should be containerized and configured to run with a single command through docker-compose including the frontend, backend & DB.

- Push your code to a public or private GitHub repository. If the repository is private, grant read access to `dev.hiring@nawy.com` (username: `NawyDevHiring`) as a collaborator.

- Evaluation criteria will be based on the following, in this order: Functionality, code quality, project structure & documentation

Tips

- Be creative with this. We want to see a fully functional assignment. When in doubt, make an executive decision. Functionality is more important than look and feel. If you're done early feel free to polish it up.

- Use any frameworks/libraries you like. Pick something you are comfortable with.

- Document your code/API as much as you can.

- Once finished, please reply to your assignment email with GitHub repository link(s) that contain(s) usage/setup instructions.

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