

Joey’s Real Estate App

7/11/2023

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

I plan on using ReactJS for the front-end while applying Flask and SQLAlchemy for the back-end. There is a realty API (<https://rapidapi.com/apidojo/api/realty-in-us/>) that I have seen similar Apps using and is a verified Rapid API. This will be used to pull housing/agent information.

# 2. Is the front-end UI or the back-end going to be the focus of your project?

I believe most of the focus will be on the front-end through React, though there should be plenty of back-end points to be noticed using SQL with Python.

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

This will be a website, with limited accessibility on mobile devices, as well. Could eventually be a downloadable mobile app, but this is a website application.

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

Show that I can manage the back-end, sync with 3rd party APIs, while using React to build a beautiful front-end.

# 5. What kind of users will visit your app?

Those looking to purchase a new home or see what available homes are going for (cost-wise). Anyone that wants to see what the current market at a given location looks like. There will be admins using the app, as well.

# 6. What data do you plan on using?

Rapid API has a very nice API for realty applications and is highly rated.

<https://rapidapi.com/apidojo/api/realty-in-us/>.

This contains a myriad of endpoints, like property listings, agent information, financing etc.

I will make my own endpoints and will use CRUD to allow account Creation/Deletion/Updating.

# 7. In brief, outline your approach to creating your project

I will begin with creating a React shell to work inside of. After that, I will create forms that will allow users to create logins and update their own user profile. PostgreSQL database will be created and then a flask server will also run. Fetch will be used for calling on the API endpoints to pulling in local listings. Users will be able to type a location (either zip code or city/town) and the back-end will populate available homes to purchase in that area. React will then use states to update the page with modules of each listing.