

# DevEstate DevLog

*January 8th*

- Still brainstorming project ideas- Thinking about doing something related to Retail Arbitrage or Real Estate

*January 9th*

- Decided on a project, as well as an API
- All four of us worked on the Design Document

*January 10th*

- Adeeb set up our environment: Including Jupyter notebook code
- Created API Key; encountered a problem with our API- It's subscription-based, and it limits the amount of requests we can make each month
- Jason and Sam worked on making sure sensitive data like our API Key and Secrets.json file aren't pushed to Github

*January 11th*

- Trying to find a way to utilize this API without draining my bank account: Jason and Sam worked with me as we tried to find the best way to utilize the API
- Adeeb set up our environment: Added PGAdmin4 and configured the apps our project needed (listings, management, users, etc.)

*January 12th*

- Experimented with our Zillow API, finding a way to reliably retrieve data from our API while only using two requests
- Wireframed the layout of our website; including onClick properties
- Compared two Zillow APIs: One given to us by Mrs. Novillo, the other being the one we found on RapidAPI

- Created a header which successfully sends requests and retrieves response data from our API

#### *January 13th*

- John added devlog to main branch
- Adeeb and Jason continued researching API to code working API calls

#### *January 16th*

- Sam fixed project doc pdf and issues with sitemap not displaying
- Adeeb added basic view and testing card functionality
- Jason and John began coding API call

#### *January 17th*

- Created working calls to our API and successfully returned specific data
- Adeeb worked on urls.py

#### *January 18th*

- Collectively worked on modifying API calls and checking json crack to generate array of all property data

#### *January 19th*

- Jason and Adeeb created models and updated methods to obtain data from fields
- John and Sam began working on frontend/html

#### *January 20th*

- Finished databases and we started working on frontend and css
- Adeeb made viewable cards for templates that show basic listing data
- John worked on search bar
- Sam and Jason worked on additional views for html (about us, homepage)

#### *January 21st*

- Sam finalized the homepage and added css

#### *January 22nd*

- Adeeb, John, and Jason stayed after school at the dojo

- John finished the search bar and touched up the css
- Adeeb finished implementing CRUD to add your own house listing
- Sam debugged wrapping container errors
- Jason tested out setting up the project for new users and debugging and created the readme file to set up
- We recorded a video to show that project functionalities work