MapMyLand using Django

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About

- ▶ MapMyLand is a Django-based application for managing real estate properties, featuring data entry, dynamic Google Maps visualization, and comprehensive reporting tools.

Home Page

- Home page contains three buttons each for adding data, viewing data added and downloading excel
- It has a background which matches with the goal of site and project

Adding data

- ▶ the form page opens up for adding more data which has various brackets for adding information
- ▶ this contains two links to go back to home or viewing list of property

Viewing Data

- the list of data having the location and the city together are shown along with a map above which shows a marker

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Location	City
example1	city name
example2	city name 2

Downloading Excel

- ▶ Clicking on this button gives us an .xlx file of all the data entered by us
- ▶ It saves the downloaded file in the place where the user suggests

Tech Stack

- Django, Python
- Python Libraries - Pandas, Weasyprint, BytesIO, MatplotLib
- Google Cloud - Maps Javascript API
- Ubuntu, VS Code
- GitHub

Future Scopes

- Adding Plotting Capabilities and Graphs
- Optimizing Map Functions
- Using Filtering functions on data