Prediction and Management System

(Properties(Real Estate)/Cars(Vehicles))

Group Members:

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Description:

- Our project will either be based on real estate or cars dealing (to be decided)
- Our primary task will be to predict the property or cars in accordance with the wants and expectations of the user since we have cars information/ real estate data for homes in Pakistan's major cities.

Features and Methodology:

- Link lists, sorting, and queues are the algorithms that will contribute in the project's structure.
- Graphs or trees will serve as our primary data structures, which will enable us to forecast the ideal property for a User.
- A good user interface will be provided to the user

Extra Features (Optional):

- Sending realtime emails to users
- Data Science using python (i.e. pandas)
- GUI (window forms or libraries such as raylib)
- Documentation
- User manual

PROJECT OUTCOME:

We will be able to successfully predict the future variation in land/car prices by implementing various techniques, some of which will mimic data science into C++ with the aid of a library. The prediction will be made in terms of chances, for example, how likely is it for a price tag to make 3 crores of profit on a specific date and time. The system will heavily rely on trees (binary search and avl trees), and graphs will be used to estimate area wise growth in the predictory model (recycler views, storing next page address in linked list)

Languages and Tools: