HOUSE PRICE PREDICTOR

ABSTRACT:

Design Thinking Approach: Design thinking is a problem-solving methodology that emphasizes user-centric solutions and iterative development. In the context of a house price predictor, the process involves five stages: empathize, define, ideate, prototype, and test.

1. Empathize: Understand the needs and pain points of homebuyers and sellers, as well as real estate professionals. Gather data on historical pricing trends and market factors.
2. Define: Clearly define the problem, which is to create an accurate and user-friendly house price predictor tool that considers various influencing factors.
3. Ideate: Brainstorm potential solutions, such as machine learning algorithms, data sources, and user interfaces, to address the problem.
4. Prototype: Develop a minimal viable product (MVP) that incorporates chosen algorithms and data sources. Create a user interface for easy access.
5. Test: Collect user feedback on the MVP and refine it iteratively. Continuously update the predictor with new data to improve accuracy.