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Project Proposal

* A paragraph describing the project.

Our project will be over real estate. The database will store house listings in a location of our choice, whether it would be in the USA or internationally. It will allow users to search and filter through listings of rental properties. The property listings will include details such as prices, location, property descriptions, and pictures. The functionality will include filtering high to low, filtering based on a specific budget, and by location.

* Rationale as to why the project is important (what problems will be solved by implementing a database).

Problems solved would be budgeting for home buyers and investing in real estate. This will also allow home buyers and investors to find homes by location and budget.

* List of the data that the system may store.

Home price, location, description, customer accounts, image, agent accounts, home availability, home status

* Describe who would use the system.

Investors, home buyers, agents, and potential customers would use the system.

* Details regarding where you will obtain data to put into the system (download from the Internet, government agency, create it yourself, etc.)

We will first create the data ourselves, but we will also be trying to find real world data on the internet, such as Kaggle, Data.world, or other sites

* Any other information you believe is pertinent for the team and professor in planning the project.

Objectives: finding real data to use (datasets), location? (neighborhoods, state, etc)

Including other possible variables: return of investment, total expenses (HOA, mortgage, etc.), total income (rent per year), rental fees.