C:\Users\Swee Yang\Google Drive\2006 Software Engineering\Assignment\v2\UseCase v2 (1).png

Use Case Description

Use Case **Compare Real Estate Properties Using Resale Price/ Location Of Nearby Amenities**

Participating actor:  
 -App User  
 -System

Entry Conditions:  
 1. User has 1 to 3 apartments to compare

Exit Conditions:

1. User is shown the price, room type, unit number of selected apartments  
 **or** 2. User shown the price, room type, unit number of selected apartments AND location of their respective selected amenities  
 **or** 3. User receives an error message explaining why the above two criteria cannot be display

Flow of events:

1. User enter address into the search bar.
2. App suggests apartments based on user input sorted according to relevance, apartments listed will display price, room type, and unit number.
3. User selects from listed suggestions and adds it as one of the properties to be compared
4. Systems displays price, room type, unit number of the selected property in a table.
5. System prompts user to enter another postal code/area/postal code. This step is optional for the user and repeats until user has entered all his apartments or 3 apartments (max).
6. Each time an apartment is entered, the table is tabulated to show all entered apartments in side-by-side comparison. The default criteria are price, room type and unit number.
7. User is shown a list of optional criteria to add (MRT STATION, BUS STATION, SCHOOL, SHOPPING MALL) with a checkbox for each criteria.
8. After user select one or more optional criteria, he clicks on compares.
9. The comparison table is reloaded to display the additional criteria that user has selected.
10. The comparison table is reloaded to display the amenities and their respective distance for each optional criteria selected along with their distances.
11. User can go back to select a different set of additional amenity criteria to compare or EXIT.