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| **Use Case ID:** | UC1 |
| **Use Case Name:** | Search property |
| **Actors:** | User (Buyer, Guest viewer) |
| **Description:** | Any user can search for properties on the online real-estate system. |
| **Preconditions:** | * User is online on the real-estate system. * User enters valid searching criteria. |
| **Post-conditions:** | * Properties based on the search criteria are displayed (if applicable). |
| **Normal Flow:** | * User enters the online real-estate system. * User specifies search criteria such as location, size, and prize of the properties he/she is interested in. * User has the option to include or exclude facilities around the property such as schools, hospitals, etc. * Properties according to the criteria (if applicable) are displayed. |
| **Exception Flow:** | **Display page is empty**.  If user inputs invalid searching criteria, then system will not display any results. |
| **Priority:** | High |
| **Frequency of Use:** | High |

Search property:

|  |  |
| --- | --- |
| **Use Case ID:** | UC2 |
| **Use Case Name:** | View property |
| **Actors:** | User (Buyer, seller, Guest viewer) |
| **Description:** | Any user can view particular properties details on the online real-estate system. |
| **Preconditions:** | * User is online on the real-estate system. |
| **Post-conditions:** | * Selected property is displayed. |
| **Normal Flow:** | * User enters the online real-estate system. * User specifies searching criteria or can choose from displayed results of property. * User chooses a particular property to view details. * Selected property is displayed. |
| **Exception Flow:** |  |
| **Priority:** | High |
| **Frequency of Use:** | High |

View Property:

Buy property:

|  |  |
| --- | --- |
| **Use Case ID:** | UC3 |
| **Use Case Name:** | Buy property |
| **Actors:** | Users(Buyers) |
| **Description:** | User wants to buy the property he/she is interested in the online real-estate system. |
| **Preconditions:** | * User is registered in the online real-estate system. |
| **Post-conditions:** | * User holds the property which he/she is interested in. |
| **Normal Flow:** | * User logs into the system. * User searches and navigates through the properties. * User selects the one he/she is interested in. * User proposes to buy the property and confirms it. |
| **Exception Flow:** | **User who is not registered tries to buy a property**  The user is prompted to register and log into the system in order to buy the property. |
| **Priority:** | High |
| **Frequency of Use:** | Medium |