UC Name	*Search Properties*
Summary	*Users search for rental properties based on various criteria.*
Dependency	*None*
Actors	*User*
Preconditions	*User is logged into the system.*
Description of the Main Sequence	● *1. User enters search criteria such as location, price range, and property type.* ● *2. System retrieves properties matching the specified criteria.* ● *3. System displays search results to the user.*
Description of the Alternative Sequence	● *None*
Non functional requirements	*Performance: Search results should be displayed within a reasonable time frame, typically under 5 seconds. Security: User data entered during the search process should be securely handled and stored.*
Postconditions	*User is presented with a list of rental properties matching the search criteria.*

UC Name	*View Property Details*
Summary	*Users search for rental properties based on various criteria.*
Dependency	*None*
Actors	*User*
Preconditions	*User has initiated a search for rental properties.*
Description of the Main Sequence	● *1. User selects a rental property from the search results.* ● *2. System retrieves detailed information about the selected property.* ● *3. System displays the property details to the user.*
Description of the Alternative Sequence	● *None*
Non functional requirements	*Performance: Property details should load quickly, typically within 2 seconds.*
Postconditions	*User is presented with a list of rental properties matching the search criteria.*

UC Name	*Filter Search Results*
Summary	*Users refine search results by applying various filters.*
Dependency	*None*
Actors	*User*
Preconditions	*User has initiated a search for rental properties.*
Description of the Main Sequence	● *1. User selects filter criteria such as number of bedrooms, amenities, or price range.* ● *2. System applies the selected filters to the search results.* ● *3. System displays the refined search results to the user.*
Description of the Alternative Sequence	● *None*
Non functional requirements	*Performance: Filtered search results should be generated within a reasonable time frame, typically under 3 seconds.*
Postconditions	*User is presented with search results that match the selected filters.*

UC Name	*Save Favorites*
Summary	*Users save preferred properties to a list for future reference.*
Dependency	*View Property Details*
Actors	*User*
Preconditions	*User has viewed property details of at least one rental property.*
Description of the Main Sequence	● *1. User selects the option to save a rental property as a favorite.* ● *2. System adds the selected property to the user's list of favorites.*
Description of the Alternative Sequence	● *None*
Non functional requirements	*None*
Postconditions	*Selected rental property is successfully saved to the user's list of favorites.*

UC Name	*Contact Property Owner/Agent*
Summary	*Users initiate communication with property owners or agents regarding rental properties.*
Dependency	*View Property Details*
Actors	*User, Property Owner/Agent*
Preconditions	*User has viewed property details of at least one rental property.*
Description of the Main Sequence	● *1. User selects the option to contact the property owner/agent.* ● *2. System provides contact options such as email, phone number, or contact form.* ● *3. User initiates communication using the provided contact information.*
Description of the Alternative Sequence	● *None*
Non functional requirements	*None*
Postconditions	*User has successfully initiated communication with the property owner/agent.*