



## **IT314: Software Engineering**

### **Lab 3: Use Case Modeling and Product Backlog (Part 2)**

#### **Group - 4 (Real Estate Management System)**

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## User Stories

High Priority		
Priority Sequence.	Front of the Card	Back of the Card
1.)	As a guest user, I want to register an account, so that I can buy/sell properties.	Acceptance Criteria: <ul style="list-style-type: none"><li>• Details provided by users must be valid.</li><li>• After successful registration, the user should be redirected to the Dashboard.</li><li>• Error message when invalid details are provided.</li></ul>
2.)	As a buyer, I want to view property details, so that I can make informed decisions about the property.	Acceptance Criteria: <ul style="list-style-type: none"><li>• The system should allow buyers to click on the property from search results to view its details.</li><li>• The system should display the appropriate status of the property, whether it is available or sold.</li></ul>
3.)	As a buyer, I want to search for properties according to my requirements, so that I can find properties that meet my specific needs.	Acceptance Criteria: <ul style="list-style-type: none"><li>• System should allow buyers to apply multiple filters to narrow down search results.</li><li>• System should allow buyers to reset the search filters.</li><li>• System should display appropriate message when no property matches the filter's criterias.</li></ul>

4.)	As a buyer, I want to schedule meets and visits to the property, so that I can inspect the property and discuss details with the seller.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• The system should allow buyers to request meets or visits directly from the property details page.</li> <li>• The system should allow buyers to schedule meets/visits according to their convenience from the available slot.</li> <li>• Buyer should get confirmation about the meets/visits through notification.</li> </ul>
5.)	As a buyer, I want to proceed with the transaction after the property has been confirmed, so that I can secure the property and move forward with the purchase process.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• The system should allow the buyer to initiate a transaction from the property details page, once the property is confirmed as available by the seller.</li> <li>• The buyer should be able to report the admin, if there is any error regarding the transaction process.</li> <li>• The buyer should receive a confirmation after the transaction is successfully made.</li> </ul>
6.)	As a buyer, I want to rate and review the property, so that I can help other buyers to make informed decisions.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• System should allow buyers to rate property on the scale of 1 to 5.</li> <li>• The system should provide a text box where the buyer can write a detailed review of the property.</li> <li>• The system should only allow buyers who have made meets and visits to the property to give ratings and reviews.</li> </ul>
7.)	As a seller, I want to list my properties, so that potential buyers can view and inquire about them.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• The System should provide a “List a Property” option on the dashboard.</li> <li>• Sellers should be able to upload photos and videos about the</li> </ul>

		<p>property.</p> <ul style="list-style-type: none"> <li>• The system should display an error message, if the information provided is invalid.</li> </ul>
8.)	As a seller, I want to manage my property listings, so that I can update the property's availability.	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> <li>• The system should allow the seller to select a property from their list to update the availability status of the properties.</li> </ul>
9.)	As a seller, I want to add available slots for property visits, so that buyers can book appointments to view the property.	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> <li>• The system should provide a "Manage Visit Slots" option on the property details page.</li> <li>• The system should allow the seller to specify the time slots for the property visits.</li> </ul>
10.)	As an admin, I want to update the property recommendations, so that I can ensure that buyers can get up-to-date property suggestions.	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> <li>• The system should provide an option to add new properties to the recommendations list.</li> <li>• The admin should be able to update the recommendations based on the ratings and reviews about the property.</li> </ul>
<b>Medium Priority</b>		
11.)	As a user, I want to edit my profile information, so that I can keep my personal details up to date.	<p>Acceptance Criteria:</p> <ul style="list-style-type: none"> <li>• The system should provide an option to edit the profile information on the user's profile page.</li> <li>• The system should display an error message, if the information provided is invalid.</li> </ul>

12.)	As a buyer, I want to get property recommendations on the basis of ratings and reviews, so that I can explore properties that others have found valuable.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• The system should allow buyers to click on the property from recommendations to view its details.</li> <li>• The recommendations should be updated periodically based on the newer ratings and reviews.</li> </ul>
13.)	As a seller, I want to edit the property details, so that buyers can have the most current and accurate information.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• System should provide an option to edit the property details.</li> <li>• The system should display an error message, if the information provided is invalid.</li> </ul>
14.)	As a seller, I want to receive notifications whenever any buyer books a slot for meet/visit, so that I can manage my schedule accordingly.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• The system should send notification to the sellers whenever any buyer books a slot for meet/visit.</li> <li>• The system should ensure that notifications are delivered promptly and without delay.</li> </ul>
<b>Low Priority</b>		
15.)	As a buyer, I want to save my favorite properties, so that I can easily access them later.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• The system should allow the buyer to save a property to their favorites list by clicking the "Save to Favorites" button.</li> <li>• The system should allow the buyer to remove the property from their favorites list by clicking the "remove" button.</li> <li>• The system should confirm that property has been successfully added to the buyer's favorites list.</li> </ul>
16.)	As a buyer, I want to receive notifications	Acceptance Criteria: <ul style="list-style-type: none"> <li>• The system should send</li> </ul>

	whenever any new property is listed, so that I can stay informed about the latest opportunities that match my preferences.	notification to the buyers whenever any new property is listed.
17.)	As a seller, I want to respond to the ratings and reviews about my property, so that I can improve the property listing.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• Sellers should be able to view and respond to the reviews provided by the buyers.</li> <li>• The seller should be able to report to the admin about the inappropriate or fraudulent reviews.</li> </ul>
18.)	As an admin, I want to manage inappropriate and fraudulent reviews about any property, so that integrity and quality of reviews can be maintained on the platform.	Acceptance Criteria: <ul style="list-style-type: none"> <li>• The admin should be able to remove the inappropriate or fraudulent reviews from the review section of the property.</li> <li>• The admin should be notified whenever any seller reports about fraud reviews.</li> </ul>