**Stay Match Application**

**Use Case**

**Revision History**

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| **Date** | **Revision #** | **Created By** | **Revision Notes** |
| 11/09/2023 | 1.0 | Shubham Mishra | Initial Draft |
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**UC04.04 Show Property Summary Author: Shubham Mishra**

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| **Actor(s):** | Renter, Landlord, Sales Analyst, Product Analyst |
| **Short Description:** | The application generates and displays a concise summary of key information about the selected property on “StayMatch” application. The summary includes essential details such number of bedrooms and bathrooms, square footage, property type (apartment, house, condominium), and contact information for the property manager or landlord. |
| **Pre-conditions:** | * The Actor's account exists in the system. * The Actor is logged into the "StayMatch" website. * The Actor has initiated a search for available rental properties. |
| **Post-conditions:** | * The Actor can quickly assess the essential details of the selected property without having to go through the entire detailed description. * The user can make an informed decision about whether to pursue the selected property or continue browsing. |
| **Frequency of Use:** | High |
| **Normal Flow of Events:** | |
| 1. The use case begins when the Actor accesses the property details page.  2. (Join Point: **ET-Ex - External Entitlements**) The system validates the Actor's external entitlements to ensure they have the necessary permissions to view property details.  3. (Join Point: **DF-In - Data Flow In**) The system fetches the property details, including its summary, from the database.  4. A summary of the property is presented to the Actor, which includes essential details such as the property name, type, location, price, and a thumbnail image.  5. The Actor has the option to view additional details or take further actions, such as show contact detail for the property owner, or navigating to other related pages.  **Alternative Flows:** | |
| A. If the Actor has logged in at Step 3:   1. (Join Point: **DF-In - Data Flow In**) The system fetches comprehensive details about the property from the database. 2. The detailed information includes features, descriptions, additional images, and any other relevant data.   B. If the Actor has viewed the summary at Step 5:   1. Back at the summary, the User can take additional actions, such as favoriting the property or proceeding to explore other properties. 2. The system handles these actions accordingly, updating the database as necessary. | |
| **Exceptions:** | |
| If there is an error in retrieving or displaying the property summary, the application informs the user of the issue and provides an option to try again or contact customer support. | |
| **<<Include>> Relationships:** | NA |
| **<< Extend>> Relationships:** | NA |
| **Business Rule:** | The website's property listings should be regularly updated to reflect the current properties available for rent or sale and there should be enough data to create a summary from it. |
| **Assumptions:** | * The website is operational and accessible. * Property information is up-to-date and accurate. * The website provides user-friendly interface for browsing and searching for properties. * Only registered actors can access and view property listings. |