**Stay Match Application**

**Use Case**

**Revision History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Revision #** | **Created By** | **Revision Notes** |
| 11/14/2023 | 1.0 | Shubham Mishra | Initial Draft |
|  |  |  |  |
|  |  |  |  |

**UC04.03 Delete Property Author: Shubham Mishra**

|  |  |
| --- | --- |
| **Actor(s):** | Landlord, Sales Analyst, Product Analyst, Support Team, Marketing Analyst |
| **Short Description:** | For Delete Property use case involves the removal of a specific property listing from the application’s active inventory. This action is typically performed by Landlord with the necessary permissions. The process ensures the accurate and up-to-date representation of available rental properties. This use case is critical for maintaining the integrity of the application’s database and ensuring that users have access to the most relevant and current information regarding available rental properties. Careful consideration and confirmation steps are implemented to prevent accidental deletions and to provide a seamless user experience. |
| **Pre-conditions:** | * The Actor's account exists in the system. * The Actor is logged into the "StayMatch" website. * The Actor must have a landlord account in order to delete property listed by them. |
| **Post-conditions:** | * The specified rental property listing is permanently removed from the application. * Any associated data such as tenant applications or historical records related to the property, may be archived or retained based on application design and data retention policies. |
| **Frequency of Use:** | Moderate. |
| **Normal Flow of Events:** | |
| 1. The use case begins when the Actor navigates to the property management page with the intention to delete a property.  2. **(Join Point: ET-Ex - External Entitlements)** The system validates the Actor's external entitlements to ensure they possess the necessary permissions to delete a property.  3. **(Join Point: DF-In - Data Flow In)** The system retrieves information about the property to be deleted from the database, including details such as property name, type, location, and associated data.  4. The Actor is presented with a confirmation page displaying key details of the property slated for deletion, ensuring clarity on the action they are about to perform. This summary may include critical information like property name, type, location, and any associated data like active leases or pending transactions.  5. The Actor has the option to confirm the deletion or cancel the operation. If there are active leases or pending transactions associated with the property, the system prompts the Actor to resolve these dependencies before proceeding.  6. Upon confirmation, the system initiates the deletion process.  7. **(Join Point: DF-Out - Data Flow Out)** The system updates the database to remove the specified property, ensuring that any associated records and dependencies are appropriately handled.  8. The Actor receives a confirmation message indicating the successful deletion of the property.  9. The Actor may choose to take further actions, such as returning to the property management page or navigating to other related pages.  10. **(Join Point: DDV- Data Dependency Validation)** The system updates the database and related data to ensure that the data remains consistent and valid while the deletion is in process.  12. **(Join Point: DDD- Data Driven Defaults)** The system identifies and applies data-driven defaults on the application like removing the property from the search and setting it to Off-market from the similar properties.  13. The system also updates the default features of the application that include updating related data, such as removing the property from associated leases or marking it as inactive.  **Alternative Flows:** | |
| A. If the Actor has logged in at Step 6:   1. (Join Point: **DF-In - Data Flow In**) The system prompts the Actor to either cancel the deletion or resolve the dependencies before proceeding. 2. The Actor selects the option to resolve dependencies and is redirected to a page where they can manage or terminate the active leases or pending transactions associated with the property. | |
| **Exceptions:** | |
| If there is an error in deleting the property, 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:** | Only authorized users with the role of Landlord can initiate the "Delete Property" use case. Actor must be logged into the application with valid credentials to access property management functionalities. |
| **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. * The business rules assume that the rental property application is stable and functional, with no critical technical issues that might interfere with the deletion process. |