**Stay Match Application**

**Use Case**

**Revision History**

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| **Date** | **Revision #** | **Created By** | **Revision Notes** |
| 11/21/2023 | 1.3 | Prathima Seethalam | Third Draft |
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**UC04.01 Add Property Author: Prathima Seethalam**

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| **Actor(s):** | Landlord, Renter, Sales Analyst, Product Analyst, Support Team |
| **Short Description:** | For Add Property use case involves adding a property listing  in the application’s active inventory. This action is typically performed by Landlord with the necessary permissions.  The procedure ensures that available rental properties are accurately and timely represented. The landlord can upload multiple photos, provide essential details, and connect with potential tenants seamlessly. This allows the landlord to maximize his property's visibility and streamline the rental experience. |
| **Pre-conditions:** | * The Actor's account exists in the system. * The Actor is logged into the "Stay Match" website. * The Actor must have a landlord account in order to add a property they choose. |
| **Post-conditions:** | * The specified rental property is added to the rental application and its data is stored in the database. * The renter can view the added property images, description, contact information and price. |
| **Frequency of Use:** | Moderate. |
| **Normal Flow of Events:** | |
| 1. This use case begins whenlandlord logs into the "Stay Match" website with their credentials. 2. System validates the data dependencies for the Landlord's account**. Join Point: DDV (Data-Dependency Validation)** 3. Landlord enters the property management section. 4. The system retrieves relevant data for the Landlord's properties and responds with a confirmation message: "Property management section accessed successfully." 5. Landlord selects “Add Property”. **Join Point: DF-OUT (Data Flow Out)** 6. Landlord inputs property details, uploads photos, and sets rental information. 7. The system validates the entered data for accuracy and completeness. **Join Point: FV (Field Validation)** 8. The system loads verified data for display. If successful, it displays the added property on the website. **Join Point: DF-IN (Data Flow In)** 9. Renters view property details, images, and contact information and this use case ends.   **Alternative Flows:** | |
| 1. If the Landlord visits the property management section in step 2. 2. Landlord receives a notification indicating the absence of existing property data. **Join Point: DF- IN (Data Flow In)** 3. Landlord is directed to a screen to initiate the addition of a property without existing data. **Join Point: DF- OUT (Data Flow Out)** 4. If the added property is unsuccessful in step 5. 5. The system notifies the Landlord of the issues. 6. Landlord is prompted to review and address the specific validation errors. 7. Landlord makes necessary corrections and resubmits the property details for verification. **Join Point: FV (Field Validation)** 8. The verification process is reinitiated. | |
| **Exceptions:** | |
| 1. If uploaded property images do not meet quality standards: 2. System notifies Landlord of the image quality issues. 3. Landlord uploads higher-quality images and resubmits for verification. 4. If the system detects a potential duplicate property during verification: 5. Landlord is alerted about the possible duplication. **Join Point: FV (Field Validation)** 6. Landlord confirms or resolves the duplication issue. | |
| **<<Include>> Relationships:** | NA |
| **<< Extend>> Relationships:** | NA |
| **Business Rule:** | * Landlord accounts are allowed to add properties. * Landlords must provide complete and accurate details, including property * Landlords must upload high-quality images that meet specified standards to enhance the property listing's visual appeal. * The system should detect and prevent the addition of duplicate properties to maintain the integrity of the property listings. * Landlords must have the necessary permissions to access and utilize the "Add Property" feature. * The Support Team should be readily available to address inquiries and provide assistance to Landlords and Renters during and after the property addition process. |
| **Assumptions:** | * Landlord attempting to add a property has a valid and existing account on the "Stay Match" website. * Landlord is familiar with the property addition process, understanding the required details for a successful addition. * Sales and Product Analysts have access to analytics tools for evaluating the performance metrics of newly added properties. * The Support Team is trained and capable of assisting Landlords and Renters with inquiries and issues related to property addition. * The system performs necessary data validations to ensure the consistency and accuracy of Landlord account and property data. |