**Stay Match Application**

**Use Cases**

**Revision History**

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| **Date** | **Revision #** | **Created By** | **Revision Notes** |
| 11/21/2023 | 1.0 | Ajay Kumar | Initial Draft |
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**UC.05.01 Validate Address. Author Ajay Kumar**

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| **Actor(s):** | Landlord, Support team. |
| **Short Description:** | This use case enables landlords to validate property addresses to ensure accurate property locations. The validation process may not cover all address formats or regions provided by the landlord. In case of validation limitations, users are informed and encouraged to provide accurate information. An extension includes providing users with a list of accepted address formats and examples to ensure accurate input. |
| **Pre-conditions:** | * Actor's account exists in the system. * Actor is logged into the "StayMatch" website. * The Actor must have a landlord account in order to validate address. |
| **Post-conditions:** | * The property address is either validated or flagged with information on potential validation limitations. |
| **Frequency of Use:** | Medium |
| **Normal Flow of Events:** | |
| 1. The use case begins when the Actor navigates to the address validation section. 2. The system validates the Actor's external entitlements to ensure they have the necessary permissions to validate address**. (JP: ET-Ex) (JP: SI-IN)** 3. The system prompts the Actor to enter the property address for validation. 4. Actor enters the property address in the provided fields. **(JP: DF-IN)** 5. The system initiates the address validation process, checking the provided address against a set of predefined validation criteria. 6. If the address is successfully validated, the system updates the property information with the validated address. 7. If the validation process encounters limitations (e.g., unsupported formats or regions), the system flags the address and informs the Actors. **(JP: DF-Out, SI-IN)** 8. The system encourages the Actor to provide accurate information and offers guidance on accepted address formats. 9. Actor has the option to make corrections and reattempt the validation or proceed with the potentially limited address. 10. Upon completion of the validation process, the system notifies the Actor and this use case ends. | |
| **Alternative Flows:** | |
| A1. Asking for accurate address From step:6   1. If the Actor encounters limitations during the validation process, they are guided to provide accurate information. **(JP: DF-Out,SI\_IN)** | |
| **Exceptions:** | |
| E1.Address error From setp:6   1. If there is an error in the address validation process, the system informs Actor’s.   E2. Flagged address From Step 7:  1. If the provided address is flagged with limitations, the system notifies the Actor and encourages accurate information submission. | |
| **<<Include>> Relationships:** | None |
| **<< Extend>> Relationships:** | None |
| **Business Rule:** | * The system is designed to validate addresses for accurate property location information. * The validation process may not cover all address formats or regions, and users are encouraged to provide accurate information. |
| **Assumptions:** | * The "StayMatch" website provides a user-friendly interface for Landlords to Validate address. * Only registered actors with the necessary permissions can access and get address validated. * Actors are willing to provide accurate property addresses for validation. * The system validates the updates to ensure the integrity of the property information. |