

|   |  |
|---|--|
| UC Name                                 | <i>Browse Reviews</i>  |
| Summary                                 | <i>Users can browse through a list of reviews and ratings for various rental properties.</i>   |
| Dependency                              | <i>None</i>  |
| Actors                                  | <i>User</i>  |
| Preconditions                           | <i>User is logged into the system.</i>   |
| Description of the Main Sequence        | <ul style="list-style-type: none"> <li>• <i>1. User navigates to the reviews section of the platform.</i></li> <li>• <i>2. System displays a list of available reviews and ratings for rental properties.</i></li> </ul> |
| Description of the Alternative Sequence | <ul style="list-style-type: none"> <li>• <i>None</i></li> </ul>  |
| Non functional requirements             | <i>Performance: Reviews should load quickly, typically within 3 seconds.</i>   |
| Postconditions                          | <i>User can view a variety of reviews and ratings for rental properties.</i>   |

|   |   |
|---|---|
| UC Name                                 | <i>Filter Reviews by Rating</i>   |
| Summary                                 | <i>Users can filter reviews based on the rating given by previous tenants.</i>  |
| Dependency                              | <i>Browse Reviews</i>   |
| Actors                                  | <i>User</i>   |
| Preconditions                           | <i>User has browsed through available reviews.</i>  |
| Description of the Main Sequence        | <ul style="list-style-type: none"> <li>• <i>1. User selects a specific rating range to filter reviews (e.g., 4 stars and above).</i></li> <li>• <i>2. System filters the reviews based on the selected rating range.</i></li> </ul> |
| Description of the Alternative Sequence | <ul style="list-style-type: none"> <li>• <i>None</i></li> </ul>   |
| Non functional requirements             | <i>None</i>   |
| Postconditions                          | <i>User can view reviews filtered by the selected rating range.</i>   |

|   |  |
|---|--|
| UC Name                                 | <i>Sort Reviews by Date</i>  |
| Summary                                 | <i>Users can sort reviews based on the date they were posted.</i>  |
| Dependency                              | <i>Browse Reviews</i>  |
| Actors                                  | <i>User</i>  |
| Preconditions                           | <i>User has browsed through available reviews.</i>   |
| Description of the Main Sequence        | <ul style="list-style-type: none"> <li>• <i>1. User selects the option to sort reviews by date.</i></li> <li>• <i>2. System rearranges the reviews to display the most recent ones first.</i></li> </ul> |
| Description of the Alternative Sequence | <ul style="list-style-type: none"> <li>• <i>None</i></li> </ul>  |
| Non functional requirements             | <i>None</i>  |
| Postconditions                          | <i>1. User selects the option to sort reviews by date.</i><br><i>2. System rearranges the reviews to display the most recent ones first.</i>   |

|   |  |
|---|--|
| UC Name                                 | <i>Rate and Review Properties</i>  |
| Summary                                 | <i>Users can leave their own ratings and reviews for rental properties they have stayed in, contributing to the overall feedback pool.</i>   |
| Dependency                              | <i>Browse Reviews</i>  |
| Actors                                  | <i>User</i>  |
| Preconditions                           | <i>User has stayed in a rental property.</i>   |
| Description of the Main Sequence        | <ul style="list-style-type: none"> <li>• <i>1. User selects the option to rate and review a specific rental property.</i></li> <li>• <i>2. System prompts the user to provide a rating (e.g., stars) and a written review.</i></li> <li>• <i>3. User submits the rating and review.</i></li> </ul> |
| Description of the Alternative Sequence | <ul style="list-style-type: none"> <li>• <i>None</i></li> </ul>  |
| Non functional requirements             | <i>None</i>  |
| Postconditions                          | <i>User's rating and review are added to the feedback pool for the respective rental property.</i>   |

|   |   |
|---|---|
| UC Name                                 | <i>Report Inappropriate Reviews</i>   |
| Summary                                 | <i>Users can flag reviews that they believe are inappropriate or violate community guidelines for moderation.</i>   |
| Dependency                              | <i>View Property Details</i>  |
| Actors                                  | <i>User, Property Owner/Agent</i>   |
| Preconditions                           | <i>User has browsed through available reviews.</i>  |
| Description of the Main Sequence        | <ul style="list-style-type: none"> <li>• <i>1. User identifies a review that they believe is inappropriate or violates community guidelines.</i></li> <li>• <i>2. User selects the option to report the review.</i></li> <li>• <i>3. System prompts the user to provide a reason for reporting the review.</i></li> <li>• <i>4. User submits the report.</i></li> </ul> |
| Description of the Alternative Sequence | <ul style="list-style-type: none"> <li>• <i>None</i></li> </ul>   |
| Non functional requirements             | <i>None</i>   |
| Postconditions                          | <i>Reported review is flagged for moderation by the system administrators.</i>  |