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| UC Name | *Browse Reviews* |
| Summary | *Users can browse through a list of reviews and ratings for various rental properties.* |
| Dependency | *None* |
| Actors | *User* |
| Preconditions | *User is logged into the system.* |
| Description of the Main Sequence | * *Step 1: User navigates to the reviews section of the property listing.* * *Step 2: System displays a list of available reviews and ratings for rental properties.* * *Step 3: Users browses through the reviews* |
| Description of the Alternative Sequence | * *Step 1: No reviews are available for the property.* * *Step 2: System displays a message to indicate that there are no reviews available* |
| Non functional requirements | *Performance: Reviews should load quickly, typically within 3 seconds.* |
| Postconditions | *User can view a variety of reviews and ratings for rental properties.* |

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| UC Name | *Filter Reviews by Rating* |
| Summary | *Users can filter reviews based on the ratings given by previous tenants.* |
| Dependency | *Browse Reviews* |
| Actors | *User* |
| Preconditions | *User has browsed through available reviews.* |
| Description of the Main Sequence | * *Step 1. User chooses “Filter by ratings”.* * *Step 2: User selects the specific rating range.* * *Step 3: System retrieves the reviews that match the selected rating criteria.* * *Step 4: System displays reviews.* |
| Description of the Alternative Sequence | * *None* |
| Non functional requirements | *None* |
| Postconditions | *User can view reviews filtered by the selected rating range.* |

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| UC Name | *Sort Reviews by Date* |
| Summary | *Users can sort reviews based on the date they were posted.* |
| Dependency | *Browse Reviews* |
| Actors | *User* |
| Preconditions | *User has browsed through available reviews.* |
| Description of the Main Sequence | * *Step 1. User chooses “Filter by date”.* * *Step 2: User clicks the “Newest” button.* * *Step 3: System arranges them from most recent to oldest.* * *Step 4: System displays reviews.* |
| Description of the Alternative Sequence | * *Step 1: User clicks the “Oldest” button.* * *Step 2: System arranges them from oldest to newest.* * *Step 3: System displays reviews.* |
| Non functional requirements | *None* |
| Postconditions | 1. *User selects the option to sort reviews by date.* 2. *System rearranges the reviews to display the most recent ones first.* |

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| UC Name | *Rate and Review a Property* |
| Summary | *Users can leave their own ratings and reviews for rental properties they have stayed in, contributing to the overall feedback pool.* |
| Dependency | *Browse Reviews* |
| Actors | *User* |
| Preconditions | *User has rented the property, is a previous tenant.* |
| Description of the Main Sequence | * *Step 1: User clicks “Write a review.”* * *Step 2: System shows a form.* * *Step 3: User writes in the textarea to provide feedback.* * *Step 3: User chooses stars to rate based on experience.* * *Step 5: Users submit form.* * *Step 6: System saves the review.* * *Step 7: System shows message that review was created.* |
| Description of the Alternative Sequence | * *Step 1: User input is not valid (has left a field empty or text is too short)* * *Step 2: System shows error message.* * *Step 3: System shows the form again* |
| Non functional requirements | *None* |
| Postconditions | *User's rating and review are added to the feedback pool for the respective rental property.* |

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