# RateMyPlace 🏠

Software Engineering CS4320
https://github.com/Djhyv2/RateMyPlace.git

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**Add A Review**

**Test Covered Use Case:** UC-1 Submit Review
**Test Covered Classes:** Layout, ManageReview, Connection

**Assumption:** There exists a database for the review to go into, the user is on the site

**Integration Testing**

**Steps:**
- Click the "Add Review" button
- Input information into the form
- Submit the review

**Expected:** The review is added to the database

**Fails if:**
- Form to add review does not appear
- Submitting review does not work
- Review does not appear in the database

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**View Reviews**

**Test Covered Use Case:** UC-2 View Review
**Test Covered Classes:** Layout,List, View, Connection

**Assumption:** There exists a database the reviews are stored in, the user is on the site

**Integration Testing**

**Steps:**
- The user clicks the "View Review" button
  - If the webpage appears, the user clicks on a category to sort by it

**Expected:** All the reviews from the database are displayed. When the user clicks the "details" button, more details for a specific review appear.\

**Fails if:**
- The site is unable to access the database
- There is no information in the database
- The sorting functionality does not work or sorts improperly
- The reviews do not appear on screen

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### Compare Reviews

**Test Covered Use Case:** UC-3 Compare Review
**Test Covered Classes:** Layout, ManageReview, Connection

**Assumption:** There exists reviews in the database, the user is on the site.

### Integration Testing

**Steps:**
- The user clicks the "Compare Reviews" button
- The user selects the complex to see reviews from

**Expected:** All the reviews for a specific housing complex are shown

**Fails if:**
- The reviews are not shown
- There are not reviews in the database for the complex requested
- The site is unable to access the database

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### View Aggregate

**Test Covered Use Case:** UC-4 View Aggregate
**Test Covered Classes:** Layout, List, View, Connection

**Assumption:** There exists data for a housing complex

## Integration Testing

**Steps:**
- The user clicks the "Compare Reviews" button
- The user selects the complex to see reviews from
- The user selects the option to see aggregated data

**Expected:** Aggregated data for a specific complex is shown

**Fails if:**
- Data is not shown
- There are not reviews for the chosen complex
- The database is unable to be accessed

## Compare Aggregate

**Test Covered Use Case:** UC-5: Compare Aggregate
**Test Covered Classes:** Layout, List, Compare, Connection

**Assumption:** There exist reviews for multiple housing complexes

### Integration Testing

**Steps:**
- The user clicks the "Compare Housing" button
- The user selects the complexes to compare
- The user selects the option to view aggregate data

**Expected:** Aggregate data for the chosen complexes is displayed

**Fails if:**
- There are not multiple complexes to compare
- There are not reviews for each complex
- The site is unable to access the database

## Login

**Test Covered Use Case:** UC-6 Login
**Test Covered Classes:** Layout, Login, Connection

**Assumption:** There exists a database of users, the user has an account

**Integration Testing**

**Steps:**
- The user clicks the "Login" button
- The user inputs their credentials
- The user clicks the submit button

**Expected:** The user is now logged in

**Fails if:**
- The user's login credentials are wrong
- The database does not have record of the user
- The site is unable to access the database

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**Edit Review**

**Test Covered Use Case:** UC-7 Edit Review
**Test Covered Classes:** Layout, ManageReview, List, Connection

**Assumption:** The user is logged in and has made a review

**Integration Testing**

**Steps:**
- The user clicks on their profile
- The user selects a review they have made from their profile page
- The user clicks the edit button
- The user edits the form that appears with the review's information
- The user submits the form

**Expected:** The review in the database is updated

**Fails if:**
- The review is unchanged
- The user is not logged in
- The database is inaccessible

Everything was manually tested because the site uses user input and is thus not able to be manipulated programeticlly. These manual tests include adding reviews and

checking to see they are added to the site on the View Review page, and creating a user and logging in as them.