

Brilliant Squid Toilet Mapper Testing Document

Known Bugs:

All bugs are recorded in the issues section on github.

https://github.com/stealthycoin/toilet_mapper/issues

Backend Unit Tests:

All unit tests for the back end can be run automatically. Equivalence classes and descriptions of tests are located in toilet_mapper/toilet/test.py and toilet_mapper/review/test.py

Follow these steps to run tests:

- 1) Move to the root directory of the Toilet Mapper Django project
- 2) run : source venv/bin/activate
- 3) run : python localmanage.py test review toilet

NOTE: there will be many naive datetime warnings, this is ok! All tests run must pass.

Acceptance Tests:

A. User Story 2 from Sprint 1: As a site admin

I want to be able to add/edit/delete comments and user accounts

So that I can manage the database easily

Scenario (Acceptance Test 1):

1. Open <http://www.toilet.briliantsquid.com/admin>
 - Enter Admin username and password
 - Display for backend management should appear

B. User Story 4 from Sprint 1: As a website visitor

I want to be able to view information about a public restroom

So that I can chose the best public restroom to use

Scenario:

1. Open <http://www.toilet.briliantsquid.com/>
 - Click allow to turn on location services.
 - A set of Restrooms should load, these restrooms should be sorted by distance from you.
2.
 - Click on the first restroom you see
 - You should be redirected to the view for that restroom that contains all the information of a restroom.

C. User Story 5 from Sprint 1:As website user with an account

I want to be able to add public restrooms to the website

So I can contribute to the community

D. User Story 6 from Sprint 1: As a website user with an account
want to be able to write reviews for public restrooms
So that I can contribute to the community

E. User Story 7 from Sprint 1: As a contributor to the site
want to be able to rate other user's reviews
so that I can reflect on a review with my own opinion

F. User Story 4 from Sprint 2: As a site user
I want to be able to flag restrooms for unsanitary conditions
So that I can decide whether a restroom is safe and clean

G. User Story 5 from Sprint 2: As a site user
I want to be able to confirm or deny flags of restrooms
So that I can update a restroom flag if the condition has changed.

H. User Story 2 from Sprint 3: As a site user
I want to view the restroom on a map
So that I can visually locate restroom locations

Scenario (Acceptance Test 2):

1. Open <http://www.toilet.briliantsquid.com/>
 - Click Create account
 - Enter <desired username> in username
 - Enter <foo@bar.com> in email
 - Enter <password> in password
 - Click create account
2. You will be redirected to the home page and automatically logged in.
 - Click Add Restroom
 - Enter <New Test Restroom Title>
 - Enter the position of the restroom/or click on Get My position
 - Your current address should be loaded into the restroom location field
 - Click Add Restroom
3. You will be redirected to the restroom page, a map should be displayed
 - Click Review This Bathroom
 - Enter Review Text
 - Enter the amount of stars you wish to rate the restroom
 - Click Submit Review
4. The review should now be on display with the date created and number of stars
 - Click Up Arrow, this will give the review a positive vote
 - Click Down Arrow, this will remove the positive vote
 - Click Down Arrow, this will give the review a negative vote.

5. Click Flag this Bathroom

- Click Cleaned Regularly
- The flag will be added to the restroom
- Click the up arrow next to the flag, this should give a positive vote to the flag
- Click the down arrow next to the flag, this should remove the positive vote to the flag
- Click the down arrow next to the flag, this should give a negative vote to the flag

I.User Story 6 from Sprint 2: As a site user I would like a manual to teach me how to use toilet mapper so that I can interact with the site more effectively.

Scenario (Acceptance Test 3):

1.Go to: <http://toilet.brilliantsquid.com/faq/>

- This will display frequently asked questions and explain how to use the site.

J. User Story 4 from Sprint 3: As a general web site user

I want to be able to view restrooms near me on a map (given radius)

So that I can get to the restroom as quickly possible

K. User Story 5 from Sprint 3: As a site visitor

I want to be able to sort reviews by quality

So that I can decide which reviews are best

Scenario (Acceptance Test 3):

1. Click Global Map Button from any page

- Click Allow to allow the current location
- Restrooms in the near vicinity should be shown on the map

2. Navigate to home page

- Restrooms will be displayed, default sorted by Distance and within 5 miles.
- Click Sort by rating, restrooms will be displayed sorting by rating
- Click 1 mi and only reviews within a 1 mile radius will be displayed
- Click 20 mi and reviews within a 20 mile radius will be displayed
- Scroll down to auto load more restrooms that fit your query

L. User Story 6 from Sprint 3:As a user

I want to be able to confirm the locations of restrooms

So that I can remove fake and/or closed restrooms

Senario:

1. Login using any account
 - Navigate to any restroom
 - Click Flag this Bathroom
 - Click inaccurate location
 - The restroom has now new flagged for inaccurate location

M. User Story 7 from Sprint 3: As a user

I want to flag inappropriate content and have content automatically filtered
So that the site stays usable for all ages of users

1. Login using Admin info
 - Navigate to any restroom that has not yet been reviewed
 - Click Review this restroom
 - Enter "This is a test <insert inappropriate language here>"
 - Click submit this review, when the review is submitted the inappropriate language will be filtered out.
 - Click Delete (This is a feature only moderators have)
2. Login using user account
 - Navigate to any restroom that has not yet been reviewed
 - Click review this restroom
 - Enter "This is a test <insert inappropriate language here>"
 - Click submit this review, when the review is submitted the inappropriate language will be filtered out.
 - Click Flag this review as spam