

System and Unit Tests Report

GapSort

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By

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System Test Scenarios:

- A. Sprint 1, User Story 1: "As a developer, I want to have a database"
- B. Sprint 1, User Story 2: "As a user, I want to login"
- C. Sprint 1, User Story 5: "As a user, I want to access a homepage"

Scenario:

- 1. Install web2py
- 2. Check out gapSort from Github
- 3. Run web2py which opens the gapSort homepage
- 4. Either login/register or attempt to open any page which will force a login/registration
 - a. Registration prompts for a name, email, and password
 - i. Register accounts with emails "testm@e.com", "test1@e.com", and "test2@e.com"
 - b. Login prompts for an email and password
 - i. Login to "testm@e.com"
- 5. Admins can access the database files via web2py's Admin interface

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- D. Sprint 1, User Story 3: "As a user, I want to see my schedule"
 - E. Sprint 1, User Story 4: "As a user, I want to create a group and add users to it"
 - F. Sprint 1, User Story 6: "As a user, I want to be able to input my schedule"

Scenario:

- 1. Add schedule event(s):
 - a. Click "Edit Schedule"
 - i. Start time: 2016-11-20 13:51:58 (or a time within two weeks or testing)
 - ii. End time: 2016-11-22 13:52:01 (or a time within two weeks of testing)
 - iii. Name: asdf
 - iv. Description: asdf
 - b. Click "Submit"
- 2. View schedule:
 - a. Click "View Schedule"
- 3. Create a group:
 - a. Click "Create Group"
 - i. Name: asdfgroup

- b. Click "Submit"
 - i. Name: new_name
 - ii. Email: test1@e.com
 - iii. Email: test2@e.com
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G. Sprint 1, User Story 7: "As a user, I want this tool to find gaps in my schedule"

Scenario:

1. Click "My groups"
 2. Click "new_name"
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H. Sprint 2, User Story 2: "As a user, I want to be able to view my groups"

I. Sprint 2, User Story 1: "As a user, I want to be able to edit my groups"

Scenario:

- 1)Click on "My Groups"
 - 2)Click the "Edit" button next to the group you want to change
 - 3)From change the current name to "YELLOW"
 - 4)add user "test1@e.com"
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J. Sprint 2, User Story 4: "As a user, I want to see my groups' schedules"

Scenario:

1. Click "My groups"
 2. Select any of the subscribed groups
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K. Sprint 2, User Story 5: "As developer, I want to research methods to display a schedule"

L. Sprint 3, User Story 1: "As a user, I want to view events as blocks of time"

M. Sprint 3, User Story 2 "As a user, I want my events that span multiple days to be represented meaningfully"

N. Sprint 3, User Story 4: "As a user, I want the site to aesthetically pleasing"

Scenario:

1. Click "My groups"
 2. Click "YELLOW" to see the bi-weekly schedule
 3. View day-length schedule by clicking on a date
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O. Sprint 3, User Story 3: "As a user, I want the application to look nice on my mobile device"

P. Sprint 3, User Story 5: "As a user, I want to select preferences on the length of gap I am looking for"

Scenario:

1. Visit my groups page
 2. Select by clicking on a group name to view the schedule
 3. Click on giant button called get preferences
 - a. Set gap length to "90"
 - b. Hit submit
 4. View new gaps
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