System and Unit Test Report

SKEDD
Team Nimbus
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A. User story 1 from sprint 1: As a User, I want to be able to create an account so I can use SKED.

   Scenario:

   1. Go to skedd.herokuapp.com, select register:
      a. Type in first name = <Richard>
      b. Type in last name = <Julig>
      c. Type in email = <rjulig@ucsc.edu>
      d. Type in password = <password>
      e. Type in password confirmation = <password>
      f. Press submit, or hit enter key
   2. User should be taken to page that tells them to confirm their email and allows them to resend a confirmation. Confirmations may take up to 3 minutes, heroku is kind of slow.
   3. User goes to email and clicks the link
   4. User is now logged in to the home page.

A. User story 2 from sprint 1: As a manager, I want to be able to easily set up my organization so that I can start creating schedules.

   Scenario:

   1. After login, from the home page select create new organization
      a. Type in organization name = <SKEDD>
      b. Hit the submit button
   2. User should now see a button in a list that displays the organization named SKEDD

A. User story 3 from sprint 1: As a manager, I want to be able to add positions to my organization so that I can represent all the jobs in my organization.

   Scenario:

   1. From the home page, click on a organization. User should be taken to a new page with a calendar on it. In the top right there is a button with the word menu on it. Click menu.

2. A drawer should pop out with a list of positions and member for that organization.
3. Click Create a position
    a. Type in a position title = <Developer>
    b. Type in a position description = <a developer>
4. User should now see the position show up in the list of positions for that organization.

A. User story 4 sprint 1: As a manager, I want to be able to add my members to SKED by sending email invitations so that adding members to my organization is streamlined.

Scenario:

1. From the organization page, click on the menu button in the top right.
2. At the bottom of the drawer that pops out is a button that says invite member
3. Click invite member, a modal should pop up.
    a. Type in member's first name =<Kevin>
    b. Type in member's last name =<Durant>
    c. Type in members email = <KevinDurant@gmail.com>
4. The Member should get a email notification asking them to sign up
5. The user's name should then be displayed in the members list above the invite button

A. User story 6 sprint 1: As a manager, I want to be able to add shifts to my positions so that I can schedule my members to work when I need them to.

Scenario:

1. From the organization page, You should see a calendar.
2. To create a shift the user should click on the calendar and should be able to click and drag to create a rectangle.
3. Then a modal should pop up
    a. Choose from the drop down a position for that shift
    b. Choose a user that is assigned to that position from the drop down for that shift
    c. Enter a description for the shift if you want
    d. If you so choose you can click the create multiple box and then select a day. The user can control click to choose more days.
        i. If he does this a shift should be created on all the days that he chooses for the month after hitting submit.
    e. Click submit
4. The user should now see the shift created on the calendar with the correct information on it.

5. The user can click on the bottom of the shift and drag to it around to edit the times. The shift should move around on the calendar.
6. To edit who the shift the user can click on the shift and a modal should pop up. The dropdown menus should prepopulate with the current information
   a. To edit who is assigned choose a new position or keep the old one
   b. Choose a new user if you changed the position and the user before isn't assigned to that new position
   c. Change the description if you want
   d. Hit delete to delete the shift
   e. Hit cancel to cancel editing the shift
   f. Hit submit and the shift should be updated.

A. User story 1 sprint 2: As a manager, I want to be able to assign members to shifts so that I can have people working when they need to be.
B. User story 7 sprint 2: As a user, I want to view shifts through a calender so I can easily visualize schedules

Scenario:

1. From the organization page, You should see a calendar.
2. To create a shift the user should click on the calendar and should be able to click and drag to create a rectangle.
3. Then a shift modal should pop up
   a. Choose from the drop down a position for that shift
   b. Choose a user that is assigned to that position from the drop down for that shift
   c. Enter a description for the shift if you want
   d. If you so choose you can click the create multiple box and then select a day. The user can control click to choose more days.
      i. If he does this a shift should be created on all the days that he chooses for the month after hitting submit.
   e. Click submit
4. The user should now see the shift created on the calendar with the correct information on it. It should also be a random color. Each position should have its own color.
5. The user can click on the bottom of the shift and drag to it around to edit the times. The shift should move around on the calendar.
6. To edit who the shift the user can click on the shift and a modal should pop up. The dropdown menus should prepopulate with the current information
   a. To edit who is assigned choose a new position or keep the old one

b. Choose a new user if you changed the position and the user before isn't assigned to that new position
c. Change the description if you want
d. Hit delete to delete the shift
e. Hit cancel to cancel editing the shift
f. Hit submit and the shift should be updated.

A. User story 2 sprint 2: As a member, I want to be able to view my work schedules (i.e. assigned shifts) so that I can see when I and others are working
B. User story 7 sprint 2: As a user, I want to view shifts through a calender so I can easily visualize schedules

Scenario:

1. On the organization home page a calendar should be displayed.
2. On this calendar should be a bunch of shifts for different positions. If there are shifts in the database.
3. If you are assigned to a position and you are assigned a shift you should be able to see your shift on the calendar for a given day.
4. You can also filter the calendar by opening the drawer by clicking the menu button. From here you should be able to click a checkbox next to the positions that are not yours and that will take there shifts off the calendar.
5. You should be able to find your shift on the calendar if it is assigned.

A. User story 4 sprint 2: As a developer, I want to implement Unit Tests, so that I can test functionality.
B. User story 5 sprint 2: As a developer, I want to refactor code from views into util modules to make testing easier.

Scenario:

1. Have written tests in our Test directory. Make sure you are in TestingConfig.
2. Run nosetests
3. Watch as all the tests run. They should complete with no errors.

A. User story 6 sprint 2: As a developer, I want to configure automatic testing with Travis and deployment to Heroku to automate the testing and deployment process.

Scenario:

1. On github you see a green checkmark if the branch as passed all tests written for it.
2. When you push stuff to the heroku branch and all tests pass then the heroku site should be updated with the code that got pushed to the branch
   a. Push new content to the heroku branch
   b. Go to skedd.herokuapp.com
   c. New content should be visible if all tests passed

A. User story 6 sprint 3: As a manager, I want access to positions and members from the drawer so i can easily manage my positions and members.

Scenario:

1. On the organization homepage you should see a button that says menu in the top right of the page.
2. Click this and it will pop out a drawer.
3. This drawer will have a list of positions in the organization, and a button to create them
4. It will also have a list of users and a button to invite them.
5. This drawer will let the user see all positions and users in their organization.

A. User story 1 sprint 3: As an owner, I want to be able to give a member admin powers so that they can help me manage my business schedule.

Scenario

1. Go to the organization homepage.
2. Go to the drawer so you can access a certain member you want to give admin rights to.
3. Find the member in the list of members and click on it a modal should pop up
4. In the modal you should see a checkbox that says admin next to it. Click on it and then that member should have admin rights in your organization with the power to create shifts, positions, invite users, etc.

A. User story 7 sprint 3: As a member, I want to be able to add and edit prefered hours so that managers know what times are best for me to work.

Scenario:

1. Go to your profile by clicking profile in the top left next to skedd.
2. On the page you will see a mini calendar like the one in organizations.
3. To add you prefered hours for the week click and drag to add time preferences
   a. They should be added to the database for that user.
4. If you refresh the page they should still be there.
5. To delete them you can right click on them.
6. You can edit them by moving them around.

A. User story 2 sprint 3: As a manager, I want to visualize and edit shifts from the main organization calendar so I can easily manage my organization.
B. User story 5 sprint 3: As a manager, I want to be able to filter the positions shown on the main calendar so that I can visualize shifts for specific positions at a time

   Scenario:
1. If there are shifts in the database for your organization, you should see them in the calendar on that organization's home page. /organization/
2. If you want to filter shifts by a specific position, you can do so by clicking on menu in the top right which opens up a drawer. In the drawer you should see a list of positions
3. Next to the positions are checkboxes, all should be checked by default.
4. If you want to view only the shifts for a specific position uncheck the ones that you don't want to see by clicking on the checkbox.
5. Now when you look at the calendar you should see only the shifts for that specific position.

A. User story 3 sprint 3: As a manager, I want to visualize and edit positions from the main organization calendar so I can easily manage my organization.

   Scenario:

1. From the drawer on the organization page you should see a list of positions in the organization.
2. By clicking on one of these organization a modal will pop up
3. This modal will have all of the information for this position including who is assigned to it, the title, and the description if entered.
4. You can add users to this by selecting a user from the dropdown menu and then hitting the assign button.
   a. Select <test_user> from the dropdown
   b. Hit assign

c. Test_user should now appear in the list of assigned user for that position.
5. To delete the position hit the delete position form org button. This should delete the position from the list of positions and close the modal.

A. User story 4 sprint 3: As a manager, I want to visualize and edit users from the main organization calendar so I can easily manage my organization.
B. User story 8 sprint 3: As a manager, I want to be able to view and edit member's information, including viewing preferred hours, in a modal so that I can easily manage my members.

   Scenario:

   1. From the drawer on the organization page you should see a list of users in the organization.
   2. By clicking on one of these a modal will pop up for that user.
   3. This modal will have all of the information for this user including their first and last name, their email, their assigned positions, and their preferred hours.
   4. You can add positions to this user by selecting a position from the dropdown menu and then hitting the assign button.
      a. Select <test_position> from the dropdown
      b. Hit assign
      c. test_position should now appear in the list of assigned positions for that position.
   5. To delete the user hit the delete user from org button. This should delete the user from the list of users and close the modal.

A. User story 10 sprint 3: As a developer, I want to set up and deploy to a production environment on Heroku, so that others can view and use skedd.

   Scenario:

   1. Go to skedd.herokuapp.com, the site should work