System Test Report
SlotMeIn
1 June 2021

Sprint 1 System Tests:
1. As a customer, I want to create an account and log in so that I may access the website

    Scenario: Create User Account
    1. Navigate to slot-me-in.com and click 'create account' button
    2. Type In the following information then click create account
        a. Invalid email
            i.   Name = Elon Musk
            ii. Date of birth = 06/28/1971
            iii. Email = elon#ucsc.edu
            iv. Password = doge
                1. Expect: To get a warning on email input; no account created
        b. No name
            i.   Name =
            ii. Date of birth = 06/28/1971
            iii. Email = elon@ucsc.edu
            iv. Password = doge
                1. Expect: Warning that name is required, no account created
        c. No Password
            i.   Name = Elon Musk
            ii. Date of birth = 06/28/1971
            iii. Email = elon@ucsc.edu
            iv. Password =
                1. Expect: Warning that password is required, no account created
        d. Invalid date of birth
            i.   Name = Elon Musk
            ii. Date of birth = 06/28/1971
            iii. Email = elon@ucsc.edu
            iv. Password = doge
                1. Expect: Warning that DoB must be in the past.
        e. Valid login
            i.   Name = Elon Musk
            ii. Date of birth = 06/28/1971
            iii. Email = elon@ucsc.edu
            iv. Password = doge

1. Expect: To be redirected to the home page and logged in to the newly created account.
   f. Account already created
      i.   Name = Elon Musk
      ii. Date of birth = 06/28/1971
      iii. Email = elon@ucsc.edu
      iv. Password = doge
         1. Expect: Warning that email is already in use, no account created, no redirect.

Scenario: Login to User Account
1. Navigate to slot-me-in.com and click 'create account' button
2. Type in the following information and click log in
   a. Invalid email
      i. Email = elon@ucsc
      ii. Password = doge
         1. Expect: Warning that email is invalid, not logged in
   b. Invalid password
      i. Email = elon@ucsc.edu
      ii. Password = dogecoin
         1. Expect: Warning that username or password is invalid, not logged in
   c. Nonexistent email
      i. Email = elonmusk@ucsc.edu
      ii. Password = doge
         1. Expect: Warning that username or password is invalid, not logged in
   d. Valid input
      i. Email = elon@ucsc.edu
      ii. Password = doge
         1. Expect: Login successful, redirect to homepage

2. As a business owner I want to create an account and login so that I can access the website

   Scenario: Register for Business Account
   a. Invalid email
      i.   Name = SpaceX
      ii. Email = contact@spacex
      iii. Password = hodltothemoon
      iv. Phone number = 555-555-5555
      v.   Description = Fancy Space Company

    1. Expect: To get a warning on email input; no account created

  b. No password
   i. Name = SpaceX
   ii. Email = contact@spacex.com
   iii. Password =
   iv. Phone number = 555-555-5555
   v. Description = Fancy Space Company
    1. Expect: To get a warning on password; no account created

  c. No name
   i. Name =
   ii. Email = contact@spacex.com
   iii. Password = hodltothemoon
   iv. Phone number = 555-555-5555
   v. Description = Fancy Space Company
    1. Expect: To get a warning on name; no account created

  d. No phone number
   i. Name = SpaceX
   ii. Email = contact@spacex.com
   iii. Password = hodltothemoon
   iv. Phone number =
   v. Description = Fancy Space Company
    1. Expect: To get a warning on phone number; no account created

  e. Valid create account
   i. Name = SpaceX
   ii. Email = contact@spacex.com
   iii. Password = hodltothemoon
   iv. Phone number = 555-555-5555
   v. Description = Fancy Space Company
    1. Expect: Account should be created, redirect to home page

  f. Account already created
   i. Name = SpaceX2
   ii. Email = contact@spacex.com
   iii. Password = bitcoinislove
   iv. Phone number = 555-555-6666
   v. Description = Fancy Space Company
    1. Expect: Warning that email is already in use, no account created, no redirect.

Scenario: Login to Business Account
 1. Navigate to login page

2. Select business profile checkbutton
   a. Invalid email
      i.   Email = contact@spacex
      ii. Password = hodltothemoon
            1. Expect: Warning that email is invalid, not
               logged in
   b. Invalid password
      i.   Email = contact@spacex.com
      ii. Password = dogecoin
            1. Expect: Warning that username or password is
               invalid, not logged in
   c. Nonexistent email
      i.   Email = elonmusk@ucsc.edu
      ii. Password = hodltothemoon
            1. Expect: Warning that username or password is
               invalid, not logged in
   d. Valid input
      i.   Email = contact@spacex.com
      ii. Password = hodltothemoon
            1. Expect: User is logged in to business account,
               redirected to homepage

3. As a customer I want access to event information so that I can schedule
   myself for events
   a. Events View
      i.   Login as user according to "Valid Login" test for Create
            User Account
      ii.   Home page will show available events.
      iii. Click on a event's view event button
      iv.   User should be redirected to individual event view.
      v.   User should see event information and be able to sign up
            for or withdraw from the event depending on if the user is
            already signed up for said event.

4. As a business owner I want to be able to create events with time slots
   os that users can sign up for them
   Test Methods: Be logged in to a business account on the website
   a. Create a valid event
      i.   Click on create event in nav bar
      ii.   Add an event name, start and end time, select one of the
            categories, add a capacity, add an optional description.
      iii. Click create event

          iv.   If members only then the event should only be visible to users listed on the business profile as members.

          v.   If not members only the event should be public to all users.

  b. Invalid event

      i.   Event creation should fail if:

      ii.   No event name

    iii.   No start or end date

     iv.   Start date is after end date

      v.   Start or end date are in the past

Sprint 2 System Tests:

1. As a customer I want to be able to sign up for events so that I can tell the business I am coming.

   Scenario:
   1. Login to a valid user account.
   2. Click on the events tab in the navigation bar.
   3. Click on the 'View Event' button on an event card.
   4. Click on the 'Sign Up' button on a specific event page.
        a. Event is filled up
             i.   Expect: 'Sign Up' button is grayed out so the user is not able to click on it.
        b. Event has space
             i.   Expect: The number of remaining spots for the event decreases by 1 and the event shows up in the user's profile.

2. As a customer I want to be able to see the events I registered for so that I can remember which ones to go to.

   Scenario:
   1. Login to a valid user account, user should be redirected to home page
   2. Home page will display a calendar for the current week with the events the user is signed up for
        a. If user is signed up for events
             i.   Expect: yellow cards will be on the calendar at the specific date and time
        b. If user is not signed up for events
             i.   Expect: there will no yellow cards on the calendar

3. Click on profile button on the top right of the page, this will redirect the user to their own user profile page
    a. Expect: The users name and email address will be displayed on the top of the page
    b. Expect: The Events the user will be signed up for will be displayed as a list
        i.   The details of the events will be displayed: Name, Company, Date
        ii. If there are no events the user is signed up for there will be no list
4. Click on the calendar view button on the bottom of the profile page, the page should should transition to the calendar tab
    a. Expect: A calendar with dates highlighted for which the user has an event they signed up for
        i.   Click on the highlighted date to view event/s
        ii. Expect: information about event: Name, Company, Date
    b. Navigate the calendar with the arrows to change months
        i.   Expect: the calendar to transition to the different months

3. As a customer I want to be able to cancel scheduled events so that I can free up time slots that I can no longer make.

   Scenario:
    1. Login to a valid user account.
    2. Choose one of three methods to withdraw from an event.
        a. Withdrawing from the specific event page.
            i.   Click on the events tab in the navigation bar.
            ii. Click on the 'View Event' button on an event that the user is signed up for.
            iii. Click on the 'Withdraw' button on the specific event page.
            iv. Click 'yes' on the withdrawal confirmation pop up.
                1. Expect: The number of remaining spots for the event increases by 1 and the event is removed from the user's profile.
        b. Withdrawing through the user profile list view.
            i.   Click on 'Profile' on the navigation bar.
            ii. Click on the 'Withdraw' button next to the event that the user would like to withdraw from.
            iii. Click 'yes' on the withdrawal confirmation pop up.
                1. Expect: The event disappears from the list view.

        c. Withdrawing through the user profile calendar view.
           i.   Click on 'Profile' on the navigation bar.
          ii.   Click on 'Calendar View' on the user's profile.
        iii.   Select the day on the calendar that the event is on.
         iv.   Click on the 'Withdraw' button next to the event.
           v.   Select 'yes' on the withdrawal confirmation pop up.
               1. Expect: The event disappears from the calendar view.

4. As a business owner I want to be able to cancel events to let users know they will no longer occur.

   Scenario:
   1. Login to a valid business account.
   2. Click on 'Profile' on the navigation bar.
   3. Select the 'Events' tab at the top right of the profile.
   4. Select the day that the event is on in the calendar.
   5. Click on the 'Cancel Event' button next to the event.
   6. Select 'yes' on the cancellation confirmation pop up.
   7. The event should disappear from the calendar view and not show up on the 'Events' page. All users who are signed up for the event should also not see the event anymore.

5. As a business owner I want to be able to set a capacity for events so that I don't book more customers than I can handle.

   Scenario:
   1. Login to a valid business account
   2. Click on the create event button in the top left corner of the screen, the business should be redirected to the create event page
   3. Add an event name, start data and time, end date and time, repeating options, members only option, age restrictions, click on category, and add a description
   4. Type in a capacity of 10 in the capacity box
   5. Click the create event button on the bottom of the page
        a. Expect:
            i.   To be redirected to the Events page
            ii. The created event to show up as a card on the right side of the screen with other events for the business
            iii. On the created event card there should be 10 of 10 spots open
   6. Click on the view event button on the created event card

a. Expect:
   i. All event information and business information to be displayed
   ii. 10 of 10 spots open above the twitter and facebook icons
7. Logout and sign in as a user profile
8. Navigate to the events page by clicking on the events button in the top left corner of the screen
9. Find an event with full capacity (0 of X spots open)
10. Click on the view event button for the event will full capacity
    a. Expect:
       i. All event information and business information to be displayed
       ii. 0 of X spots open above the twitter and facebook icons
    b. Click on the grayed out sign up button directly underneath the 0 of X spots open
       i. Expect:
          1. The button is unclickable
          2. The user will not be signed up for the event
11. Navigate back to the events page by clicking on the events button in the top left corner of the screen
12. Find an event with remaining spots left
13. Click on the view event button for the event with spots open
    a. Expect:
       i. All event information and business information to be displayed
       ii. X of Y spots open above the twitter and facebook icons
    b. Click on the signup button directly underneath the X of Y spots open
       i. Expect:
          1. X-1 of Y spots open to be displayed
          2. The signup button changes to the withdrawal button

6. As a business owner I want to be able to add a list of user emails that can see certain events so that I can restrict those events to paying members only.

   Scenario:
   1. Login to a valid business account.

2. Click on 'Profile' on the navigation bar.
3. Select the 'Members' tab on the profile.
4. Input a comma separated list of emails in the text box at the bottom and click on the 'Add Members' button.
5. The business account should see two types of outcomes for the two different types of email addresses:
    a. The email address is connected to a registered account on the site.
        i.   Expect: The email should be added to the 'Existing Members' column.
    b. The email address is not a registered account on the site.
        i.   Expect: The email should be added to the 'Inactive Members' column.

7. As a business owner I want to be able to create repeating events so that I don't have to spend so much time creating events.

   Scenario:
    1. Login to a valid business account.
    2. Click on 'Create Event' in the navigation bar.
    3. Input the necessary information to create an event and click on the 'Repeat' checkmark.
    4. Select the days of the week that the event is to be repeated on.
    5. Select the day that the event should stop repeating.
    6. Click on the 'Create Event' button at the bottom.
    7. Expect: All events should be in the database and the repeating events should be seen in the 'Events' or 'Profile' tabs in the navigation bar.

Sprint 3 System Tests:
  1. As a customer I want to be able to search for events so I can find the event I am looking for.
      a. First login to a user account and be on the home page.
      b. Click on the search text field
      c. Enter search terms.
      d. Click on the search button
      e. Should display events relating to the search field terms.

  2. As a business owner I want to be able to create a profile for users to be able to see info about my business.
      a. Create user profile
          i.   When creating a business account, add a description.
          ii. After creating a business account, click on profile to

navigate to the businessProfile page.

    iii.   The business can click on upload to upload profile image. This image should display when users view the business profile.

    iv.   For a user to view a business profile profile it needs to find an event by that business. Then click on view event. The individual event page will display the business image and name and email. Clicking on the business info will open the business profile.

    v.   The business profile viewed by a user will also show the description and other events by that business.

3. As a business owner I want to be able to set age restrictions so that customers that might be too young for an event aren't able to sign up for them.

    a. Navigate to event create page

        i.   Create event as usual but select either 'over 18' or 'over 21' tags

        ii.   Navigate to event view page

        iii.   Event should show up with tags selected, indicating that the age restriction has been applied.

4. As a business owner I want to be able to set membership restrictions so that customers that don't have the tier of membership can't sign up for the event.

    a. Navigate to event create page logged in as business

        i.   Create event as usual but select 'members only' tag

        ii.   Navigate to event view page

        iii.   Event should show up with 'members only' tag.

        iv.   Log out of business and log into user account that is a member of said business

        v.   User should see event that the business created on events view page and should be able to sign up for said event

        vi.   Log out of user account and log into user account that is not a member of said business

        vii.   User should not be able to see event on events view page and not be able to sign up for event

5. As a customer, I want to share my events with friends on social media so they can reserve the same time slots.

    a. View an event.

    b. Click on one of the social media icons.

    c. A new tab will open prompting you to share the event link on the social media's website.

Sprint 4 System Tests:

1. As a customer or business owner I would like to go to a url to access and interact with the website.

    Scenario:
    1. Open a web browser
    2. Type the following url: 'www.slot-me-in.com'
        a. Expect:
            i. The browser will redirect you to the login page
            ii. The left hand side of the page will display upcoming public events
    3. Login to either a business or user account
        a. Expect:
            i. To be able to access the full site and its functionality

2. As a user I want the website to feel and look polished so that I will consider using it again.

    Scenario:
    1. Navigate to 'www.slot-me-in.com'
    2. View login page
        a. Expect:
            i. Page should look visually appealing
            ii. Page should be easy to navigate to login or create account
    3. Login to a business or user profile
        a. Expect:
            i. the home page to look visually appealing
            ii. The top navigation bar should be easy to understand and to navigate to the pages
        b. Navigate to all pages accessible through the top bar
            i. Expect:
                1. All pages and event cards should be easy to read and look visually appealing
                2. To easily navigate back and forth between pages with no issues