System and Unit Test Report
Product name: GAR
Team name: 9ight
Date:

System Test scenarios:

Sprint plan 1:
   A. User story 1 from sprint plan 1: As an user, I want create an account that I can start apply a free ride, or answering the request as a driver.
   B. User story 2 from sprint plan 1: As an user I want login the website, that I can login as a passenger to apply a free ride, or login as a driver to answering a request
   C. User story 3 from sprint plan 1: As an user, I am able to find the password that I can login the website again
   D. User story 4 from sprint plan 1: As a develop, I am able to connect the data to the frontpage UI

Sprint plan 2:
   A. User story 1 from sprint plan 2: As a developer, I need to connect register page to the database, so that people be able to register their ID.
   B. User story 2 from sprint plan 2: As a developer, I need develop new rider page, so that people be able to start a new rider

Sprint plan 3:
   A. User story 1 from sprint plan 3: As a passenger, I need to able to see the overall path on the map so that I can check if I enter the right address.
   B. User story 2 from sprint plan 3: As Driver, I want to be able to see the request list from passengers so that people know when and where the ride is.
   C. User story 3 from sprint plan 3: As the develop, I want add the login bar so that people can know who login the system as a driver or passenger, and be able to log off.

Sprint plan 4:
   A. User story 1 from sprint plan 4: As Passenger, be able to check the history list, so that they could track the ride they did.
   B. User story 2 from sprint plan 4: As user, be able to edit password and email address so that accounts could be more manageable.
   C. User story 3 from sprint plan 4: As Driver, be able to see the detail information of each request.
   D. User story 4 from sprint plan 4: As user, be able to receive email of carpool remainder in advance of time so that they have less chance to miss their appointment..
   E. User story 5 from sprint plan 4: As developer, we need to test and debug our website to increase reliability.

 Scenario:

1. Start the GAR web; Click "Sign Up";
   a. type
      i. Username = <Artemis>
      ii. Password = <1234>
      iii. Cruz ID= <zhuang70>
      iv. Student ID =<1592263>
      v. Email Address = <zhuang70@ucsc.edu>
      vi. Press submit
      vii. User should see verification message that account is now active and goto login page
   b. type
      i. Username = <>
      ii. Password = <>
      iii. Cruz ID= <>
      iv. Student ID =<>
      v. Email Address = <>
      vi. Press submit
      vii. User should see error message which remainder user to enter all information and back to sign up page
   c. type
      i. Username = <Artemis>
      ii. Password = <>
      iii. Cruz ID= <>
      iv. Student ID =<>
      v. Email Address = <>
      vi. Press submit
      vii. User should see error message which remainder user to enter all information and back to sign up page
   d. type
      i. Username = <Artemis>
      ii. Password = <1234>
      iii. Cruz ID= <>
      iv. Student ID =<>
      v. Email Address = <>
      vi. Press submit
      vii. User should see error message which remainder user to enter all information and back to sign up page
   e. type
      i. Username = <Artemis>
      ii. Password = <1234>
      iii. Cruz ID= <zhuang70>
      iv. Student ID =<>
      v. Email Address = <>

        vi.   Press submit

        vii.   User should see error message which remainder user to enter all information and back to sign up page

  f. type

        i.   Username = <Artemis>

        ii.   Password = <1234>

        iii.   Cruz ID= <zhuang70>

        iv.   Student ID =<1592263>

        v.   Email Address = <>

        vi.   Press submit

        vii.   User should see error message which remainder user to enter all information and back to sign up page

  g. type

        i.   Username = <Artemis>

        ii.   Password = <2345>

        iii.   Cruz ID= <zhuang70>

        iv.   Student ID =<1592269>

        v.   Email Address = <zhuang@ucsc.edu>

        vi.   Press submit

        vii.   User should see error message which remainder user that The cruzid or email has been used and back to sign up page

  h. type

        i.   Username = <Artemis>

        ii.   Password = <2345>

        iii.   Cruz ID= <zhuang>

        iv.   Student ID =<1592269>

        v.   Email Address = <zhuang70@ucsc.edu>

        vi.   Press submit

        vii.   User should see error message which remainder user that The cruzid or email has been used and back to sign up page

  i. Press cancel; back to login page

2. Login page;

  a. Select "Passenger" or "Driver"; type

        i.   Cruz ID = <zhuang70>

        ii.   Password = <2345>

        iii.   Press "Login"

        iv.   User should see Error message which remainder user that the input username or password is incorrect, then 2 second later, it will goto login page automatically.

  b. Select "Passenger" or "Driver"; type

        i.   Cruz ID = <zhuang80>

        ii.   Password = <1234>

      iii.   Press "Login"

      iv.   User should see Error message which remainder user that the input username or password is incorrect, then 2 second later, it will goto login page automatically.

c. Select "Passenger" or "Driver"; type

      i.   Cruz ID = <>

      ii.   Password = <>

      iii.   Press "Login"

      iv.   User should see Error message which remainder user that the input username or password is incorrect, then 2 second later, it will goto login page automatically.

d. Select "Passenger" or "Driver"; type

      i.   Cruz ID = <zhuang70>

      ii.   Password = <>

      iii.   Press "Login"

      iv.   User should see Error message which remainder user that the input username or password is incorrect, then 2 second later, it will goto login page automatically.

e. Select "Passenger" or "Driver"; type

      i.   Cruz ID = <>

      ii.   Password = <1234>

      iii.   Press "Login"

      iv.   User should see Error message which remainder user that the input username or password is incorrect, then 2 second later, it will goto login page automatically.

f. Select "Passenger"; type

      i.   Cruz ID = <zhuang70>

      ii.   Password = <1234>

      iii.   Press "Login"

      iv.   User should login as the Passenger and should see login successful message, then 2 second later goto Passenger Ride History page automatically.

g. Select "Driver"; type

      i.   Cruz ID = <zhuang70>

      ii.   Password = <1234>

      iii.   Press "Login"

      iv.   User should login as the Driver and should see login successful message, then 2 second later goto Request List page automatically.

3. Click "Forgot Password";

    a. Select CruzID; type

      i.   Cruz ID = <zhuang70>

      ii.   Press Send

          iii.   User should see verification message that a password has been sent to email which use to register and back to login page
- b. Select CruzID; type
  - i.   Cruz ID = <zhuang>
  - ii.   Press Send
  - iii. User should see error message that remainder the information is wrong and back to login page
- c. Select CruzID; type
  - i.   Cruz ID = <>
  - ii.   Press Send
  - iii. User should see error message that remainder the information is wrong and back to login page
- d. Select Email; type
  - i.   Email = <zhuang70@ucsc.edu>
  - ii.   Press Send
  - iii. User should see verification message that a password has been sent to email and back to login page
- e. Select CruzID; type
  - i.   Email = <zhuang@ucsc.edu>
  - ii.   Press Send
  - iii. User should see error message that remainder the information is wrong and back to login page
- f. Select CruzID; type
  - i.   Email = <>
  - ii.   Press Send
  - iii. User should see error message that remainder the information is wrong and back to login page
- g. Press cancel; back to login page

4. Passenger Ride History
   - a. Press Add New Ride;
     - i.   User goto new ride page
   - b. Press Cancel;
     - i.   The button change to Canceled status, to cancel the trip, and cannot press again
   - c. When the end time over the system time, the view button will become grey and disable to click. The status of this request will expired.

5. New Ride Page
   - a. Select 'Single Ride'; type
     - i.   Start Time: <>
     - ii.   End Time: <>
     - iii. Starting Point: <>

      iv.   Destination: <>
      v.   Press Submit
      vi.   User should see Error message which remainder user to input all the information, then 2 second later, it will go back to New Ride page automatically.

b. Select 'Single Ride'; type
      i.   Start Time: <2018/12/02 22:02>
      ii.   End Time: <>
      iii.   Starting Point: <>
      iv.   Destination: <>
      v.   Press Submit
      vi.   User should see Error message which remainder user to input all the information, then 2 second later, it will go back to New Ride page automatically.

c. Select 'Single Ride'; type
      i.   Start Time: <>
      ii.   End Time: <2018/12/03 22:04>
      iii.   Starting Point: <914 Mission Street, Santa Cruz, CA, USA>
      iv.   Destination: <Science Hill (UCSC), Santa Cruz, CA, USA>
      v.   Press Submit
      vi.   User should see Error message which remainder user to input all the information, then 2 second later, it will go back to New Ride page automatically.

d. Select 'Single Ride'; type
      i.   Start Time: <2018/12/02 22:02>
      ii.   End Time: <>
      iii.   Starting Point: <914 Mission Street, Santa Cruz, CA, USA>
      iv.   Destination: <Science Hill (UCSC), Santa Cruz, CA, USA>
      v.   Press Submit
      vi.   User should see Error message which remainder user to input all the information, then 2 second later, it will go back to New Ride page automatically.

e. Select 'Single Ride'; type
      i.   Start Time: <2018/12/02 22:02>
      ii.   End Time: <2018/12/03 22:04>
      iii.   Starting Point: <>
      iv.   Destination: <Science Hill (UCSC), Santa Cruz, CA, USA>
      v.   Press Submit
      vi.   User should see Error message which remainder user to input all the information, then 2 second later, it will go back to New Ride page automatically.

f. Select 'Single Ride'; type
      i.   Start Time: <2018/12/02 22:02>

- ii. End Time: <2018/12/03 22:04>
- iii. Starting Point: <914 Mission Street, Santa Cruz, CA, USA>
- iv. Destination: <>
- v. Press Submit
- vi. User should see Error message which remainder user to input all the information, then 2 second later, it will go back to New Ride page automatically.

g. Select 'Single Ride'; type
- i. Start Time: <2018/12/02 22:02>
- ii. End Time: <2018/12/03 22:04>
- iii. Starting Point: <914 Mission Street, Santa Cruz, CA, USA>
- iv. Destination: <Science Hill (UCSC), Santa Cruz, CA, USA>
- v. User should see the routes from the Starting Point (A) to the Destination(B) on the Map
- vi. Press Submit
- vii. User should login as the Driver and should see the start new trip message, then 2 second later goto the passenger Ride History page automatically. The the latestest new trip shows on the button of the table.

h. Select 'Long Period'; type
- i. The Repeat option show on the page. In default status, the Repeat option is disable to see.

i. Select 'Long Period; type
- i. Start Time: <2018/12/02 22:02>
- ii. End Time: <2018/12/03 22:04>
- iii. Monday: not selected
- iv. Tuesday: not selected
- v. Wednesday: not selected
- vi. Thursday: not selected
- vii. Friday: not selected
- viii. Starting Point: <914 Mission Street, Santa Cruz, CA, USA>
- ix. Destination: <Science Hill (UCSC), Santa Cruz, CA, USA>
- x. Press Submit
- xi. User should see Error message which remainder user to input all the information, then 2 second later, it will go back to New Ride page automatically.

j. Select 'Long Period; type
- i. Start Time: <2018/12/02 22:02>
- ii. End Time: <2018/12/03 22:04>
- iii. Monday/Tuesday/Wednesday/Thursday/Friday: randomly selected
- iv. Starting Point: <914 Mission Street, Santa Cruz, CA, USA>
- v. Destination: <Science Hill (UCSC), Santa Cruz, CA, USA>
- vi. Press Submit

       vii.   User should login as the Driver and should see the start new trip message, then 2 second later goto the passenger Ride History page automatically. The the latestest new trip shows on the button of the table.

   k. Select 'Long Period; type
      i.   Start Time: <2018/12/02 22:02>
      ii.   End Time: <2018/12/03 22:04>
      iii.   Monday/Tuesday/Wednesday/Thursday/Friday: randomly selected
      iv.   Starting Point: <914 Mission Street, Santa Cruz, CA, USA>
      v.   Destination: <Science Hill (UCSC), Santa Cruz, CA, USA>
      vi.   Press Reset
      vii.   The value of Start Time, End Time, Starting Point, Destination Point will be empty. Monday, Tuesday, Wednesday, Thursday and Friday checkbox won't be select. The Rider Type selection will show "Single Ride" and the repeat select option will hide.

   l. Press Back;
      i.   User goto Passenger Ride History page

6. Request List Page
   a. Driver be able to see the request information
      i.   Request Type
      ii.   Start Time
      iii.   End Time
      iv.   Starting Point
      v.   Destination
      vi.   Passenger name
   b. Press View button;
      i.   Driver goto the View Detail page.
   c. Press Yellow Cancel button;
      i.   The yellow cancel button change to green accept button, and the yellow view button change to green view button. Driver cancel accepted request.
   d. Press green Accept button;
      i.   The green accept button change yellow cancel button, the green view button change to green view button. Driver accept new request.
      ii.   Driver will receive email from the server to remainder when and where to pick up the passenger.
   e. When the end time over the system time, the view button will become grey and disable to click. The status of this request will expired.

7. View Detail Page
   a. Click Yellow 'view' button, which means you had accepted the request
      i.   Show Passenger name
      ii.   Show Rider Type
      iii.   Show Start Time
      iv.   Show End Time

- v. Show Starting Point
- vi. Show Destination
- vii. Show Total Distance of this trip
- viii. Show The direction of this trip, step by step from the beginning.
- ix. Show The trip route on the map
- x. Press Cancel;
- xi. User goto Request List Page, previous yellow cancel button become green accept button, and yellow view button become green view button. Other driver can accept this trip. Drivers can accept new request.
- b. Click Green 'view' button, which means you are looking at a new request
  - i. Show Passenger name
  - ii. Show Rider Type
  - iii. Show Start Time
  - iv. Show End Time
  - v. Show Starting Point
  - vi. Show Destination
  - vii. Show Total Distance of this trip
  - viii. Show The direction of this trip, step by step from the beginning.
  - ix. Show The trip route on the map
  - x. Press accept;
  - xi. User goto Request List Page, previous green accept button become yellow cancel button, and green view button become yellow view button. User as a Drivers accepted the request. Driver will receive email from the server to remainder when and where to pick up the passenger.
- c. Press Back button
  - i. User goto Passenger Request List Page
8. Login Bar
   - a. Show the name of login user at the right corner of the website.
   - b. Click the tiny triangle which is undereed the username
     - i. Show profile option
     - ii. Show log off option
   - c. Click 'Profile' button
     - i. User should go to Profile page
   - d. Click 'Log off' button
     - i. User should log off the account, and should go to the login page
9. Profile Page
   - a. Click Profile link;
     - i. Press Apply
     - ii. User should see error message: that nothing happened, and back to profile page
   - b. Click Profile link; type
     - i. Password = <6666>
     - ii. Confirm Password = <0000>

       iii.   Press Apply

       iv.   User should see error message: Password or email address not match, and back to profile page

c. Click Profile link; type

       i.   Password = <6666>

       ii.   Confirm Password = <6666>

       iii.   Press Apply

       iv.   User should see verification message: profile updated, and back to profile page

d. Click Profile link; type

       i.   Email = <zhuang@ucsc.edu>

       ii.   Confirm email = < abc@ucsc.edu>

       iii.   Press Apply

       iv.   User should see error message: Password or email address not match, and back to profile page

e. Click Profile link; type

       i.   Email = <zhuang@ucsc.edu>

       ii.   Confirm email = < zhuang@ucsc.edu>

       iii.   Press Apply

       iv.   User should see verification message: profile updated, and back to profile page

f. Click Profile link;

       i.   Press Cancel

       ii.   Go to login page