System and Unit Test Report

Product Name: Velo
Team Name: YesYes!
Date: July 26th, 2017

System Test Scenarios

<Sprint 1>
  A. User story 1 from Sprint 1 : As a user, I want to register account and log in with my account
  B. User story 2 from Sprint 1 : As a user, I want to view my account information
  C. User story 3 from Sprint 1 : As a lender, I want to register my bicycle
  D. User story 4 from Sprint 1 : As a lender, I want to view my bicycle information and change the status of my bicycle to "Lending Available"
  E. User story 5 from Sprint 1 : As a borrower, I want to view the list of bicycles that are available
  F. User story 6 from Sprint 1 : As a borrower, I want to borrow the bicycle that is available and finish rental when I finish riding.

Scenario 1 : (New User)

  1. Start Velo app; select 'No account yet? Create one'; type
      a. Name = <Junyong Park>
      b. ID = <jyp123>
      c. Password = <123456>
      d. Email = <jyp123@ucsc.edu>
      e. Phone Number = <01012341234>
      f. Student ID = <20150123>
      g. select 'Register'
      h. user should see verification message that registration is complete
  2. type
      a. Email = <jyp123@ucsc.edu>
      b. Password = <123456>
      c. select 'Login'
  3. select 'My page';
  4. User should see account information (Name, ID, Email, Phone Number, Student ID) and bike information (Bike Password)
  5. select 'My bike';
      a. Select the second icon for bike type
      b. Lock Number = <2580>
      c. select 'Register'
      d. user should see verification message that registration is complete
  6. select 'My bike'; toggle switch 'Available' to switch on;
      a. user should see dialogue box for changing the location of the bike

      b.   select 'Yes'

      c.   click 'Tous Les Jours' (cafeteria)

      d.   select 'Reset Location'

      e.   user should see verification message that the location is reset

7. select 'My bike'; toggle switch 'Available' to switch off;

8. toggle switch 'Available' to switch on;

      a.   user should see dialogue box for changing the location of the bike

      b.   select 'No'

      c.   user should see verification message that the status is available

Scenario 2 : (Existing User)

1. Start Velo app; type

      a.   Email = <jsj@ucsc.edu>

      b.   Password = <qwer>

      c.   select 'Login'

2. Select 'Borrow';

3. User should see the list of bicycles that are available

4. Select first bicycle in the list;

5. Select the slider below the map;

6. Select 'Borrow';

7. User should see the password of bicycle

8. Click back button or outside dialog after checking password

9. User should see 'Riding'

10. Select 'Finish' after finishing riding

Scenario 3 for invalid input in account registration :

1. Start Velo app; select 'No account yet? Create one'; type

      a.   select 'Register'

      b.   user should see message to enter information

Scenario 4 for duplicated ID in account registration :

1. Start Velo app; select 'No account yet? Create one'; type

      a.   Name = <Junyong Park>

      b.   ID = <jyp123>

      c.   Password = <123456>

      d.   Email = <**jsj@ucsc.edu**>

      e.   Phone Number = <01012341234>

      f.   Student ID = <20150123>

      g.   select 'Register'

      h.   user should see failure message for Duplicated ID

Scenario 5 for login failed : (proceed to step 1, same with scenario 1)

2. type
   a. Email = <jyp123@ucsc.edu>
   b. Password = <12345>
   c. select 'Login'
   d. user should see login failure message

Scenario 6 for invalid input in bike registration : (proceed to step 4, same with scenario 1)

5. select 'My bike';
   a. select 'Register'
   b. user should see failure message that password isn't entered
6. select 'My bike';
   a. Lock Number = <2580>
   b. select 'Register'
   c. user should see failure message that type isn't selected

<Sprint 2>
   A. User story 1 from Sprint 2 : As a user, I want to be able to see my bicycle's current location on a map
   B. User story 2 from Sprint 2 : As a borrower, I want bicycles that are closer to me to appear first
   C. User story 4 from Sprint 2 : As a borrower, I want the app to automatically set my current location as the bicycle's location using GPS once I finish using it

Scenario:

1. Start Velo app; type
   a. Email = <jsj@ucsc.edu>
   b. Password = <qwer>
   c. select 'Login'
2. select 'My bike';
3. User should see her bicycle's current location on a map
4. select 'Borrow';
5. User should see a list of bicycles that are closer to user to appear first. The list includes the name of bicycle owner and distance between the user and the bicycle.
6. select first bicycle in the list;
7. select the slider below the map
8. User should see the brief information of the bicycle including owner of bicycle and distance from user.
9. select 'Borrow';
10. User should see the password of bicycle
11. Click back button or outside dialog after checking password
12. User should see 'Riding'
13. select 'Finish' after finishing riding
14. The bicycle's location has automatically set to user's current location.

15. User can see the distance of the bicycle from user has changed to 0m.

<Sprint 3>
    A. User story 1 from Sprint 3 : As a lender, I want to limit the people I lend my bicycle to (velowers).
    B. User story 2 from Sprint 3 : As a borrower, I want to be able to search other users and velow them so that I can borrow their bicycle
    C. User story 3 from Sprint 3 : As a user, I want to be able to see all my velower and velowing people

Scenario:

1. Start Velo app; type
    a. Email = <jsj@ucsc.edu>
    b. Password = <qwer>
    c. select 'Login'
2. select menu button (which is 3 lines icon located at left-upper side)
3. user should see 'Find users, 'Developers', and 'Log out'
4. select 'Find users'
5. type
    a. ysl
    b. select 'find user'
6. user should see the user with email 'ysl@ucsc.edu'
7. select 'velow'
8. user should see verification message that user has velowed the another user.
9. click back button twice to see 'borrow' tab
10. Now, user should see the bicycle of ysl@ucsc.edu (if ysl@ucsc.edu has changed the status to available)
11. select 'my page'
12. select 'velower'
13. user should see the list of users who velow her/him
14. click back button
15. select 'velowing'
16. user should see the list of users who she/he is velowing.

Unit Test

https://bitbucket.org/yesuuyesuu/bicycle-uber/src/2d915348d2eaad332e738de34f872288a1f
e8e64?at=master
-> bicycle-uber/document/