



CS 30700 Sprint 2 Planning Document

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Identification and Classification

Test Case 1:

System: Statistics page line graph, LineChart.js

Viewing of line graph from UserStore username

Severity: 2

Instructions:

1. At main page (rout.link), click Login button button
2. At the login page, input information, username: a and password: a
3. At the login page, click login button
4. At the navbar, click navbar or Rout logo
5. At the navbar, click Statistics page button

Expected Results:

1. Line graph depicting 4 routes with calories on the y-axis and dates on the x-axis.

Identification and Classification

Test Case 2:

System: Statistics page comparison table, Comparison.js

Viewing of comparison table from UserStore username

Severity: 2

Instructions:

1. At main page (rout.link), click Login button button
2. At the login page, input information, username: a and password: a
3. At the login page, click login button
4. At the navbar, click navbar or Rout logo
5. At the navbar, click Statistics page button
6. At the Statistics page, select David Rudisha from the drop down
7. At the Statistics page, click enter button

Expected Results:

1. Table displays a routes information with a distance of 790 and a time of 120.32.

Identification and Classification

Test Case 3:

System: Map algorithm, NewMap.js

Route length is within 0.25 miles of requested length

Severity: 2

Instructions:

1. At main page (rout.link), input a random distance in miles or kilometers between 1 and 20.
2. Click “Enter”
3. View displayed distance to see whether it is within 0.25 miles of the random distance chosen
4. Repeat instructions 1 through 3, 5 times in order

Expected Results:

1. Displayed distance is within 0.25 miles of the random distance chosen

Identification and Classification

Test Case 4:

System: Map algorithm, NewMap.js

Route algorithm produces multiple different routes

Severity: 2

Instructions:

1. At main page (rout.link), input a random distance in miles or kilometers between 1 and 20.
2. Click “Enter”
3. Click “Enter” again
4. Check to see whether second route given is different than the first (ignoring startpoint errors)

Expected Results:

1. The second route is different than the first