

System and Unit Test Report

Product Name: LOL Esports Stat Tracker

Team Name: AGJMP

Date: December 2, 2019

System Test Scenarios:

Sprint 1

- User Story 1: As a newcomer to League of Legends, I need to be able to view tailored statistics for the teams/players, so that I can get a better understanding of the sport.
 - Scenario:
 1. Goto localhost:8080, click on Data button, click on Sidebar button and select a league, and then click on the Table tab. Users should see all the latest game season performance for each player in that league.

Sprint 2

- User Story 1: As an Esports fan, I need to have easy access to the League of Legends Esports twitch stream, so I can see how the statistics compare to the real-time performance.
 - Scenario:
 1. Go to localhost:8080, click on Stream button, users should see the stream page with a working twitch stream embedded.
- User Story 2: As an Esports fan, I need to be able to query which team/player I want to see data for, so I can save time.
 - Scenario:
 1. On the Table page, enter the name of the player users want to see into the small search bar on top of the player name column. The users should see the selected player.
 2. On the Table page, enter the name of the team users want to see into the small search bar on top of the team column. The users should see all player performances of that selected team.

Sprint 3

- User Story 1: As a team coach, I need to have access to clear visualizations of statistics to easily analyze and compare statistics across teams and players, so

that I can decide which players are under- or over-performing. (Unfinished from previous Sprint)

- Scenario:

1. Go to localhost:8080, click on Data button, click a league on the sidebar. Users should see statistics for each player in the league displayed in the table with all fields filled.
2. Select a player in the search bar on top, click on Card tab. Users should see the individual player card info for the player selected.
3. Click on Line Chart, users should see a colored line chart with lines representing players in teams.
4. Click on Bar graph, and click on tiles to select teams. Users should see a bar graph with players from the selected teams on the y-axis, and users should be able to select multiple teams.

Sprint 4

- User Story 1: As a user, I want to be able to compare the statistics of teams and players, so I can see which teams and players are better.

- Scenario:

1. Go to localhost:8080, click on Data button, click on Compare tab, users should see four dropdown menus of two colors with empty graphs.
2. Click on desired leagues and players that is to be compared, the names of the players should be displayed on the top of the screen and the graphs should fill in with the correct data.