Game Performance Tracker
Leaguer Devers
11/30/2021

System and Senario Test Report

Sprint 1

User Stories

- As a user, I want a well-designed website that is accessible and genre competitive.
- As a user, I want the data that the app is displaying to be consistent
- As a player, I want to be able to check summoner information of mine and others easily from the app, so that I don't have to login to my League client to do so.

Scenarios

- Start GPT web application;
  - Insert summoner id into search bar = (sunnythetroll),
  - Press Enter Key.
  - User should be able to see on the display page the following:
    - Summoner name.
    - Rank.
    - League points.
- Users should expect the database to be able to store the information of the most recent API call such that if the action is called again, the web application pulls from the database instead.
- Users should expect a complete [figma draft](#) of what to expect when starting the web application.

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Sprint 2

User Stories

- As a user, I want all the pages to be easy on the eyes and intuitive to access.
- As a player, I want to have a visual indicator about my recent game status (change of winRate overtime), so that I can know if I am doing better or worse
- As a user, I want the basic features of the websites to be stable.
- As a player, I would like my aggregate KDA to be computed and visualized.

Scenarios

- Start GPT web application;
  - Insert summoner id into search bar = (sunnythetroll).
  - Press Enter Key.
- User should be redirected to the overview page.
  - Scroll down a bit, there will be a big chart.
  - Select the "WINRATES".
  - User should see the graph of recent games' Win Rate change over time.
- User should expect the web application to not crash after searching up a summoner.
- With the same page and position.
  - Select the "GPT SCORE".
  - User should see the graph of recent games' GPT/KDA Score.

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Sprint 3

User Stories

- As a player, I want to see my match history so that I can know how I performed recently.
- As a player, I would like to be able to see a leaderboard of current top ranked players.
- As a player, I want to have a good looking Landing page so that I can get a comfortable first impression.
- As a player, I want an application that is tested in every aspect so that I don't have to worry about it crashing.

Scenarios

- Start GPT web application;
  - Insert summoner id into search bar = (sunnythetroll).
  - Press Enter Key.
- On the top, there will be different options:
  - Select the "MATCH HISTORY".
  - User should be redirected to the match history page.
  - User should see the chart and a horizontal line under "Recent Matches".
    - Select the number of matches on the line.
    - Graph will show the GPT score the user has for the selected matches.
- On the top, there will be different options:
  - Select the "LEADERBOARD".
  - User should be redirected to the leaderboard page.
  - Scroll down, the user will see the leaderboard for the top 10 players.
- Start the App or select the GPT on the top right and button:
  - User should be redirected to the landing page.
- Type random garbage into the search bar
  - App still runs and properly redirects to the corresponding pages depending on if the input user exists or not.
- Clicking on random buttons on any page
  - App still runs and reacts properly.

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Sprint 4

User Stories

- As a user, I want to be able to know if the player I am searching for is available in the selected region or not.
- As a user, I want to have a good visual and functional experience using the Web application.
- As a product owner, I want to see a functional demo that is presentable and well tested.
- As a product owner, I want to have a general documentation of the application so that it can be maintainable.

Scenarios

- Start GPT web application;
    - Insert summoner id into search bar = (sunnythetroll).
    - Select the "KR" in the dropdown selection beside the search bar.
    - Press Enter Key.
    - Users should be redirected to the error page.
    - Users should see "Oh no! We can't find that user!" on the top of the page.
- User should expect a responsive application environment that is interactive with its elements; elements includes:
    - Search bar.
    - Transitional links to other pages.
    - Slider bars.
    - Summoner redirection on certain pages.
- Open repository;
    - Change directory to either frontend or backend;
    - Run "npm test" and "npm run test::unit" respectively.
    - Product owner should expect that the tests execute and resolve without errors.
- Product Owners should expect a [wiki](#) listing along with the repository:
    - Key features of the web application.
    - Various important API calls.
    - Well written code with explanatory comments.