

## **Sprint-5 Artifact**

Team name: XYZcoders

Members: Edward Zhu, Arya Faramarzi, Nikhil Kadekar, Jorge Peng, Aramis Maserati

Emails: [ezhu010@ucr.edu](mailto:ezhu010@ucr.edu), [afara017@ucr.edu](mailto:afara017@ucr.edu), [nkade001@ucr.edu](mailto:nkade001@ucr.edu), [amasa004@ucr.edu](mailto:amasa004@ucr.edu), [jpeng052@ucr.edu](mailto:jpeng052@ucr.edu)

### **Features (user stories) to Implement in Next Sprint**

- **Feature 1:** Given a period of time from 2004 to 2020, what was the head to head record between two teams?
- **Feature 2:** What's the Free Throw Percentage and Three Point Percentage for the Home team vs the Away team during the 2004 to 2020 season?
- **Feature 3:** Which team won the most away games in a given season and which team won the most home games in a given season from 2004 to 2020?

### **Test Cases**

- **Feature 1 Test Cases:** As a user, I want to see the head to head record between two teams for a specific season from 2004 to 2020.
  - Test Case 1:** As a user, in the website I want to be able to enter two different teams to see their head to head record.
    - *Correct Output:* Outputs two text box entries to enter the two different team names.
  - Test Case 2:** As a user, I want to be able to filter the head to head record between two teams for a specific season from 2004 to 2020.
    - *Correct Output:* The website has a dropdown that allows the user to pick a specific season from 2004 to 2020 to display the head to head record between the two teams.
  - Test Case 3:** As a user, I want to be able to see the head to head record between the two different teams.
    - *Correct Output:* The website displays the team and their wins and losses versus the other team.
  - Test Case 4:** As a system, I want to notify the user if they put in a team that is not in the dataset.
    - *Correct Output:* Stops compilation and returns a pop up that says "Invalid Team. Please enter the correct team name".

**Feature 2 Test Cases:** As a user, I want to be able to compare the Free Throw Percentage and Three Point Percentage of the Home Team Vs the Away team.

**Test Case 1:** As a user, in the website I want to be able to select a season to run the comparison on.

- *Correct Output:* Outputs the Free Throw and Three Point Percentage for both the Home and Away teams.

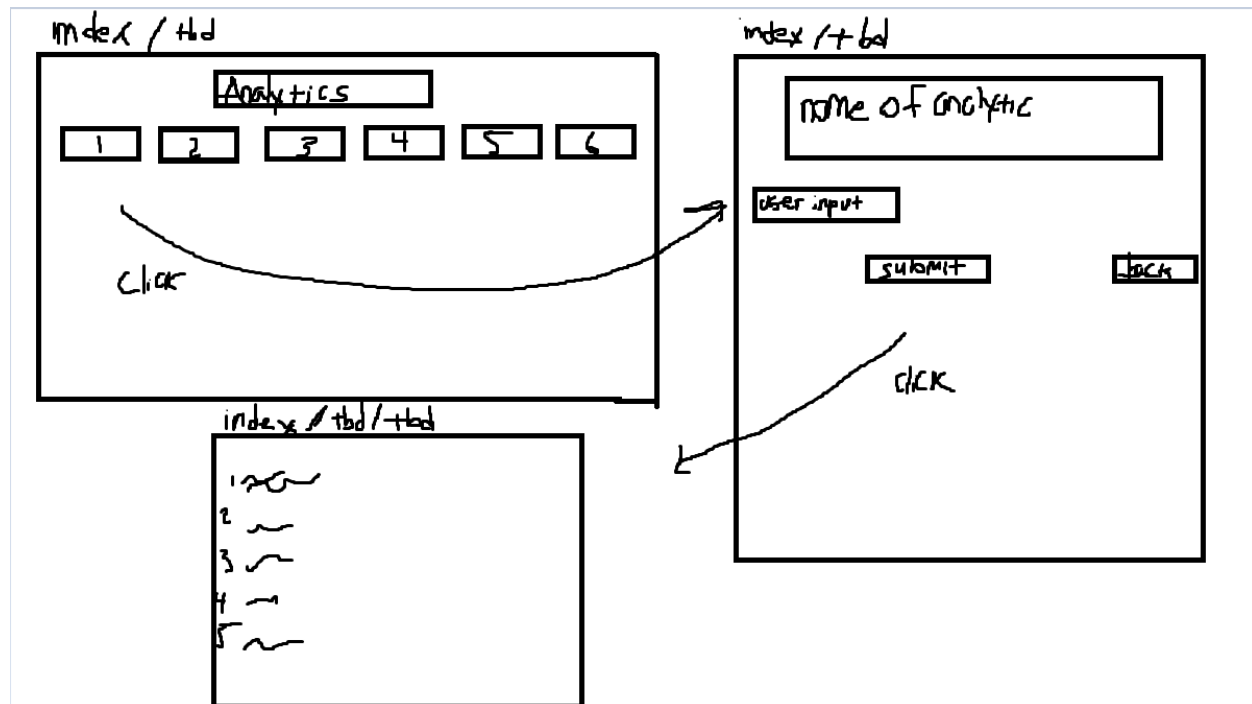
**Test Case 2:** As a system, I want to notify the user if they put in a season that is out of bounds from 2004-2020

- *Correct Output:* Stops compilation and returns a pop up that says "Invalid Season. Please select a season from 2004-2020".

- **Feature 3 Test Cases:** As a user, I want to know which team won the most away games in a given season and which team won the most home games in a given season from 2004 to 2020?

- **Test Case 1:** As a user on the website, I want to be able to input a season and see which team won the most away games.
  - *Correct Output:* The website outputs the team with the most away games wins along with the season they did it.
- **Test Case 2:** As a user on the website, I want to be able to input a season and see which team won the most home games in a given season.
  - *Correct Output:* The website outputs the name of the team that won the most home games in a given season.
- **Test Case 3:** As a system, I want to notify the user if they put in a season that is out of bounds from 2004-2020
  - *Correct Output:* Stops compilation and returns a pop up that says "Invalid Season. Please select a season from 2004-2020".

## GUI:



## Taskboard

### **Done list of last sprint**

- Handle error messages
  - [finished by every team member and verified by the group]
- Implement the search for most wins of a player from the 2004 to 2020 seasons
  - [finished by every team member and verified by the group]
- Implement the search for most home and away wins of a team from the 2004 to 2020 seasons
  - [finished by every team member and verified by the group]
- Implement the search for the largest difference in points of a game from the 2004 to 2020 seasons
  - [finished by every team member and verified by the group]

### **TODO List for next sprint**

- Implement the search for head to head record between two teams given a period of time

- Acceptance Criteria: The user enters two different team names and a specific season to display the head to head record between two teams given a period of time.
- Implement the search for free throw percentage and three point percentage for the home team vs the away team during the 2004 to 2020 season
  - Acceptance Criteria: The user clicks a button to display the free throw percentage and three point percentage for the home team vs the away team during the 2004 to 2020 season
- Implement the search for which team won the most away games in a given season and which team won the most home games in a given season from 2004 to 2020.
  - Acceptance Criteria: The user clicks a button to display the list of player wins and the site displays which team won the most away games in a given season and which team won the most home games in a given season from 2004 to 2020.