

## **Sprint-4 Artifact**

Team name: XYZcoders

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

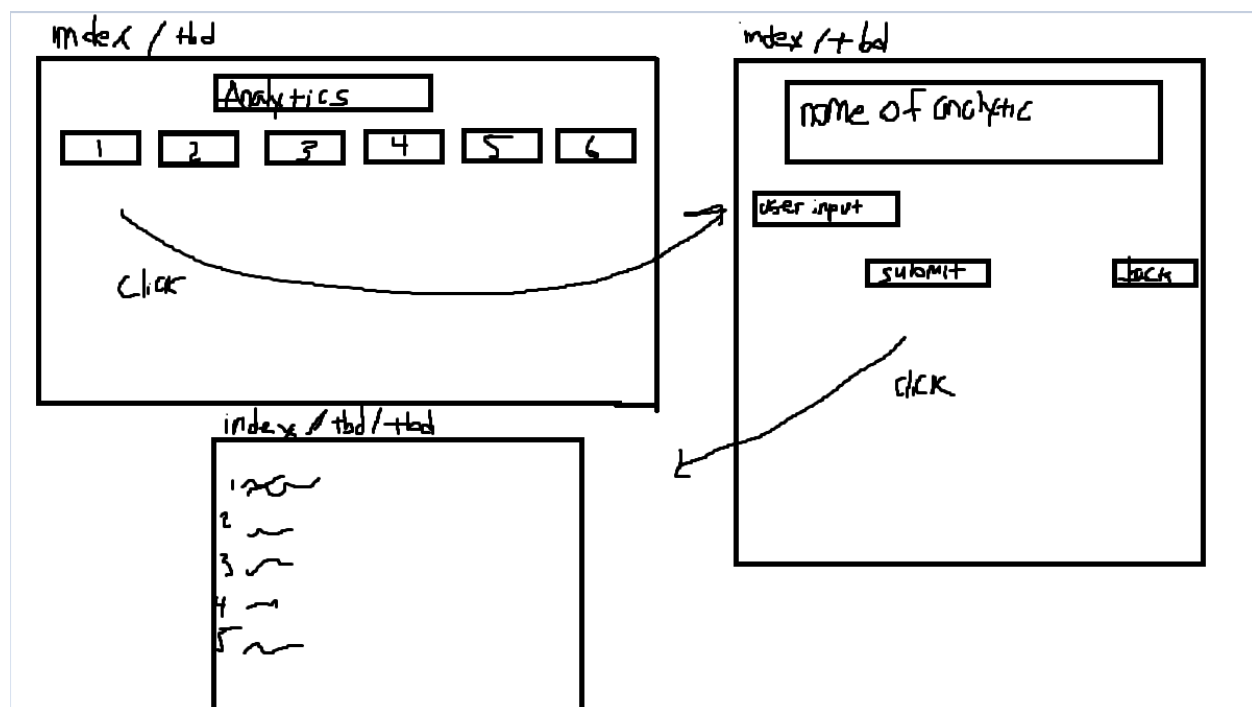
- **Feature 1:** As a user, I want to search the most wins of a player from 2004 to the 2020 seasons in the NBA.
- **Feature 2:** As a user, I want to be able to search which home and away team won the most games from the 2004 to 2020 seasons.
- **Feature 3:** As a user, I want to know the biggest difference in points between the teams in a game.

### **Test Cases**

- **Feature 1 Test Cases:** As a user, I want to search the most wins of players from 2004 to the 2020 seasons in the NBA.
  - Test Case 1:** As a user, in the website I want to be able to filter the number of players with the most wins shown.
    - *Correct Output:* Outputs a list with the number of players that was selected by the user.
  - Test Case 2:** As a user, I want to be able to cycle through the next page of players.
    - *Correct Output:* The website has an arrow that allows the user to navigate through the pages.
- **Feature 2 Test Cases:** As a user, I want to be able to search which home and away team won the most games from the 2004 to 2020 seasons.
  - Test Case 1:** As a user, in the website I want to be able to select the most home wins.
    - *Correct Output:* Outputs a list of the teams with the most home team wins to the least home team wins.
  - Test Case 2:** As a user, in the website I want to be able to select the most away wins.
    - *Correct Output:* Outputs a list of the teams with the most away team wins to the least away team wins.
  - Test Case 3:** As a user, in the website I want to be able to filter the number of teams shown.

- *Correct Output:* Outputs a list with the number of teams that was selected by the user.
- **Feature 3 Test Cases:** As a user, I want to know the biggest difference in points between the teams in a game.
  - **Test Case 1:** As a user on the website, I want to be able to input a season and see which two teams have the largest difference in the score.
    - *Correct Output:* The website outputs the largest difference in score and the season that it happened.
  - **Test Case 2:** As a user on the website, I want to be able to compare the largest differences between two teams between any two seasons
    - *Correct Output:* The website outputs two numbers denoting the two largest score differences with respect to its season.

## GUI:



## Taskboard

### Done list of last sprint

- Implement changes to the GUI to handle update/insert/delete functionality
  - [finished by every team member and verified by the group]
- Improve visualization for GUI and output of searches
  - [finished by every team member and verified by the group]
- Implement update for players record

- [finished by every team member and verified by the group].
- Implement insert for players record
  - [finished by every team member and verified by the group]
- Implement update for teams record
  - [finished by every team member and verified by the group]
- Implement insert for teams record
  - [finished by every team member and verified by the group]
- Implement delete for teams record
  - [finished by every team member and verified by the group]
- Implement update for wins/losses record
  - [finished by every team member and verified by the group]
- Implement insert for wins/losses record
  - [finished by every team member and verified by the group]
- Implement delete for wins/losses record
  - [finished by every team member and verified by the group]

## **TODO List for next sprint**

- Handle error messages
  - Acceptance Criteria: The user is prompted to another window when inputting invalid values.
- Implement the search for most wins of a player from the 2004 to 2020 seasons
  - Acceptance Criteria: The user clicks a button to display the list of player wins and the site displays the list of players with the most wins from the 2004 to 2020 seasons
- Implement the search for most home and away wins of a team from the 2004 to 2020 seasons
  - Acceptance Criteria: The user clicks a button to display the list of teams with the most home and away wins and the site displays the list of teams with the most home and away wins from the 2004 to 2020 seasons
- Implement the search for the largest difference in points of a game from the 2004 to 2020 seasons
  - Acceptance Criteria: The user clicks a button to display the largest difference in points of a game and the site displays the largest difference in points of a game from the 2004 to 2020 seasons