

Re-Design: Service Layer(s) Lawn Game Olympics

My Lawn Game Olympics web application will consist of three pages(index.html, teams.html and games.html) and they are all necessary for the MVP.

Stretch Goal: My stretch goal is to add another game to the Lawn Game Olympics application. Below you will find an example request and a picture of the update stretch goal page for the Games page.

https://xxxxxxxxx.com/player/{player name}/
https://xxxxxxxxx.com/teams/{team name}/
https://xxxxxxxxx.com/games/{games name}/

Service Endpoints

POST /player/{player name} – This will create a new player
GET /player/{player name} – This will return a player
PUT /player/{player name} – This will update an existing player
DELETE /player/{player name} – This will delete a player

POST /teams/{team name} – This will create a new team
GET /teams/{team name} – This will return an team
PUT /teams/{team name} – This will update a teams name
DELETE /teams/{team name} – This will delete a team

POST /games/{game name} – This will create a new game
GET /games/{game name} – This will return an game
PUT /games/game points/{teamID} – This will update a games points
DELETE /games/{game name} – This will delete a game

Example Requests/Responses

- Creates a new player called PlayerExample

POST / index / PlayerExample

```
{  
  "NameID": "0",  
  "Name": "PlayerExample"  
}
```

- Player PlayerExample created.

- Returns the player called PlayerExample

GET /player/ PlayerExample

```
{  
  "NameID": "0",  
  "Name": "PlayerExample",  
  "Gender": "x",  
  "Age": "xx",  
  "SkillLevel": "x",  
}
```

- Updates the player called PlayerExample

PUT /player/ PlayerExample

```
{  
  "Age": "xx",  
  "SkillLevel": "x",  
}
```

- Player PlayerExample updated.

- Deletes the player called PlayerExample

DELETE /player/ PlayerExample

- Player PlayerExample deleted.

- Error message for bad data input

PUT /player/ PlayerExample

```
{  
  "Age": "",  
}
```

- Error Message: "Invalid! Expected integer but got Null."

- Creates a new team called TeamExample

POST / teams / TeamExample

```
{  
  "TeamID": "0",  
  "Name": "TeamExample"  
}
```

- Team TeamExample created.

- Returns the team called TeamExample

GET /team/ TeamExample

```
{  
  "TeamID": "0",  
  "Name": "TeamExample",  
  "Player1": "xxxxxx",  
}
```

```
"Player2": "xxxxxx"
}
```

- Updates the team called TeamExample

PUT /team/ TeamExample

```
{
  "Player1": "xxxxxx",
  "Player2": "xxxxxx"
}
```

- Team TeamExample updated.

- Deletes the team called TeamExample

DELETE /team/ TeamExample

- Team TeamExample deleted.

- Error message for bad data input

PUT /team/ TeamExample

```
{
  "Player1": "",
}
```

- Error Message: "Invalid! Expected value but got Null."

- Creates a new game called GameExample

POST / games / GameExample

```
{
  "GameID": "0",
  "Name": "GameExample"
}
```

- Games GameExample created.

- Returns the game called GameExample

GET /games/ GameExample

```
{
  "GameID": "0",
  "Name": "GameExample",
  "Bags": "xxxxxx",
  "Coin Toss": "xxxxxx",
  "Redneck Golf": "xxxxxx",
  "Beersby": "xxxxxx"
}
```

Stretch Goal addition

- Updates the games called GameExample

PUT /games/GameExample

```
{  
  "Beersby": "xxxxxx"  
}
```

- Game GameExample updated

- Deletes the games called GameExample

DELETE /games/ GameExample

- Games GameExample deleted.

- Error message for bad data input

PUT /games/ GameExample

```
{  
  "Coin Toss": "",  
}
```

- Error Message: "Invalid! Expected value but got Null."

Lawn Game Olympics App

[Homepage](#)[Teams](#)[Games](#)

Add Player

First Name

John

Last Name

Smith

Gender

Male

Age

26

Skill Level

A

Enter

Players

John Smith

User Interaction: User adds player. User adds text input first, last name, gender, age and skill level fields. When user hits enter the players name will show under Players.

When all players have been added, please click on generate teams below.

Generate Teams

Lawn Game Olympics App

Homepage

Teams

Games

Team 1

Team 2

Team 3

Team 4

Team 5

Team 6

Team 7

Team 8

Team:

example... Team 1

Change Team Name to:

New Team Name

Submit

Stretch Goal: Example below

Lawn Game Olympics App

Homepage

Teams

Games

Total Points

Team 1 Points

Team 2 Points

Team 3 Points

Team 4 Points

Team 5 Points

Team 6 Points

Team 7: 50

Team 8 Points

Games

Game 1

Game 2

Game 3

Game 4

Bags

Team 1

Team 3

Team 5

Team 7

vs.

vs.

vs.

vs.

Team 2

Team 4

Team 6

Team 8

Winner

Winner

Winner

Winner

Submit

Coin Toss

Team 3

Team 1

Team 7

Team 5

vs.

vs.

vs.

vs.

Team 2

Team 4

Team 6

Team 8

Winner

Winner

Winner

Winner

Submit

Redneck
Golf

Team 5

Team 7

Team 1

Team 3

vs.

vs.

vs.

vs.

Team 2

Team 4

Team 6

Team 8

Winner

Winner

Winner

Winner

Submit

Beersby

Team 7

Team 1

Team 3

Team 5

vs.

vs.

vs.

vs.

Team 2

Team 4

Team 6

Team 8

Team 7

Winner

Winner

Winner

Submit

User Interaction: User adds game points. User adds the winner for the new game Beersby. When user hits submit the points are added to Totalpoints up top.