

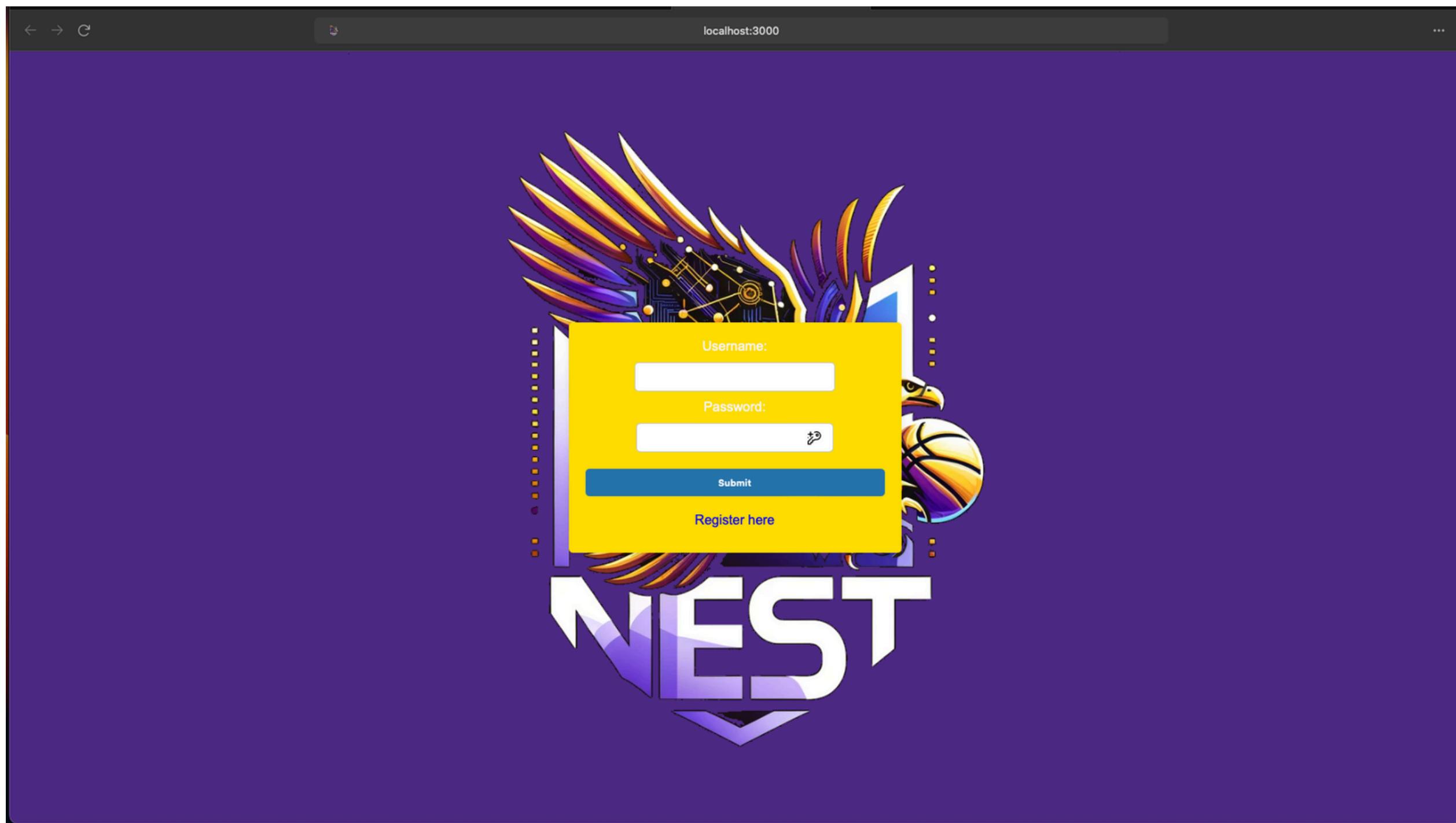


How to use  
**nEST Analysis**

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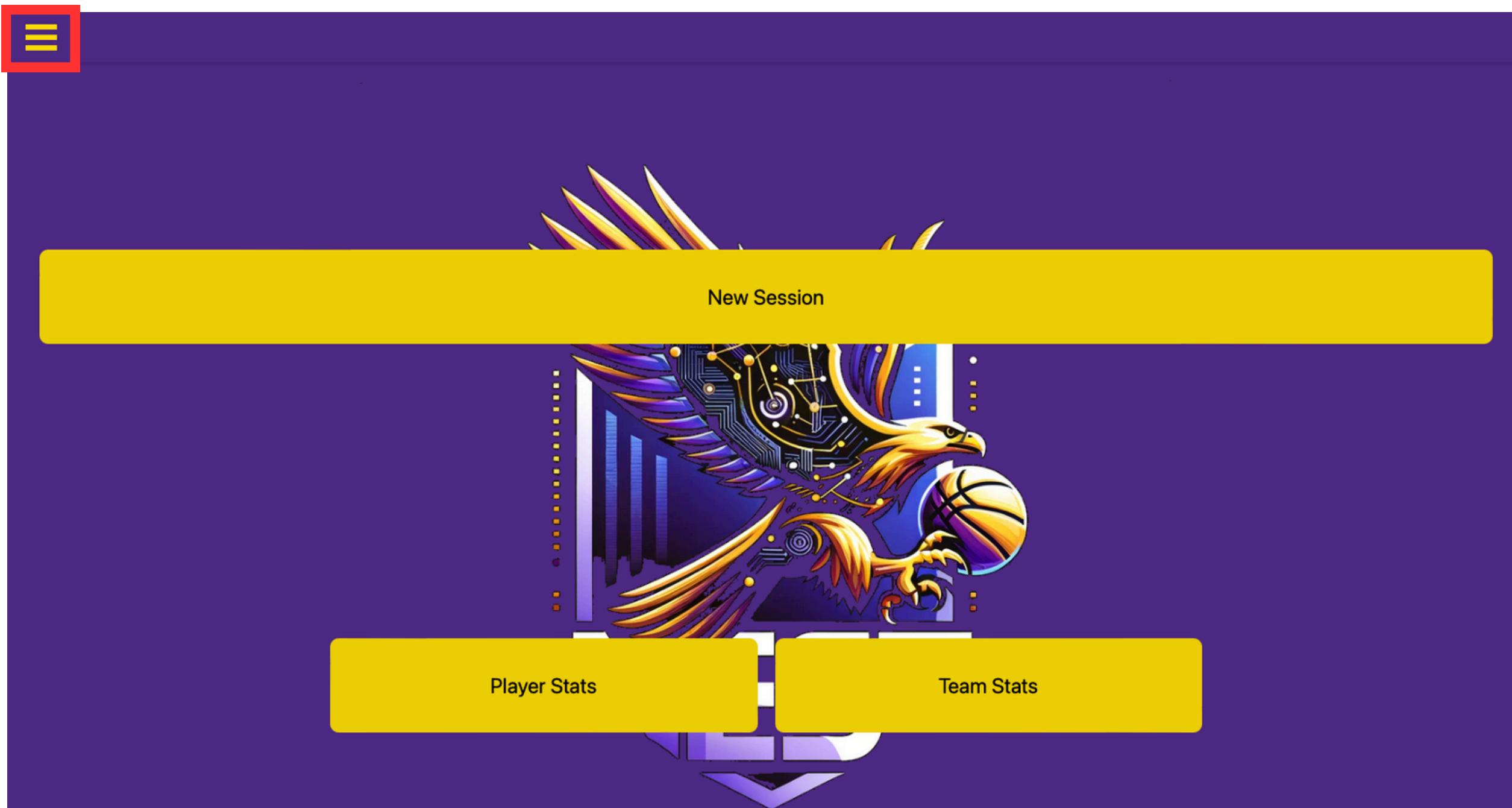
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# Login

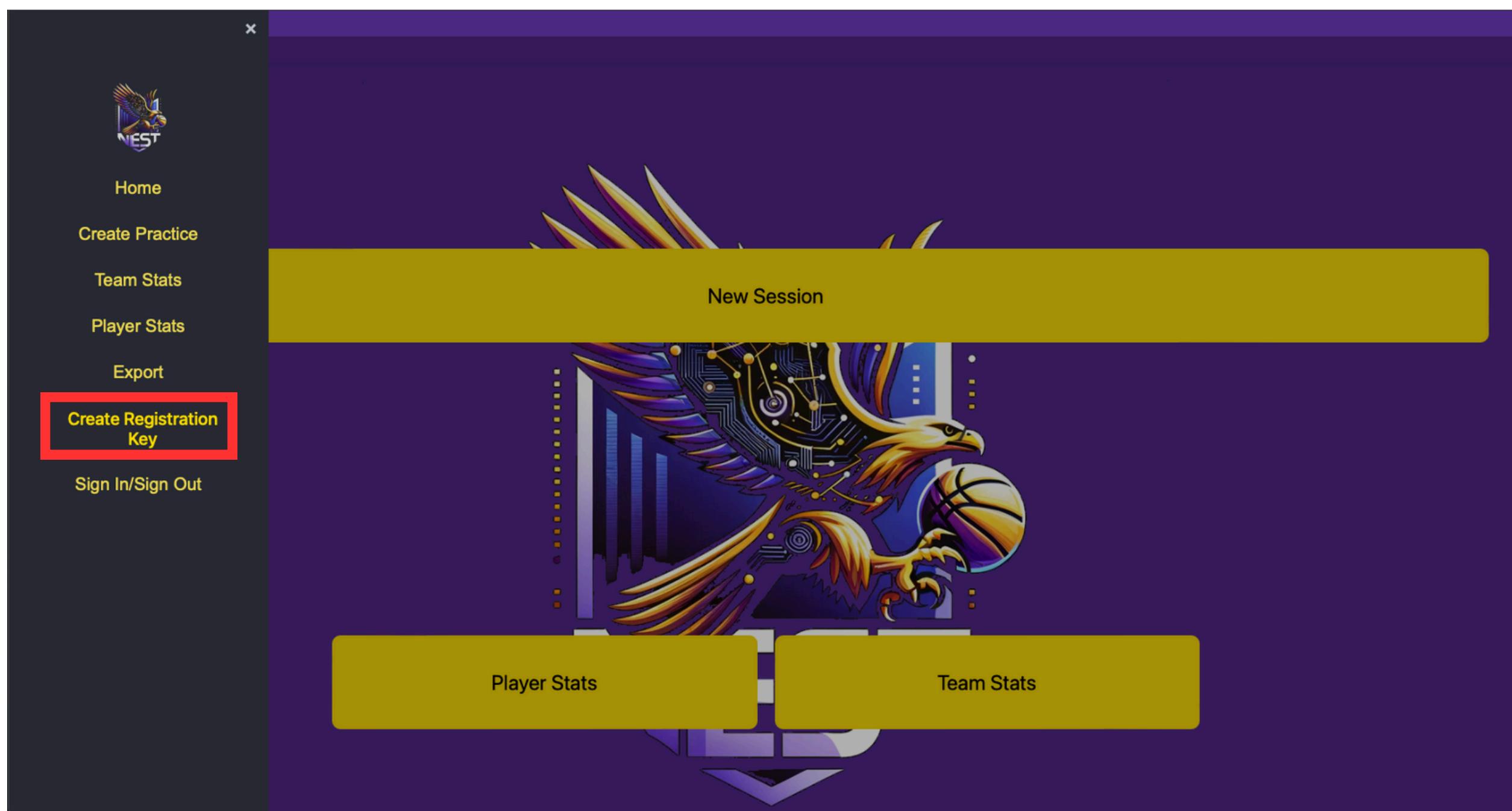


Input the user credentials on this page

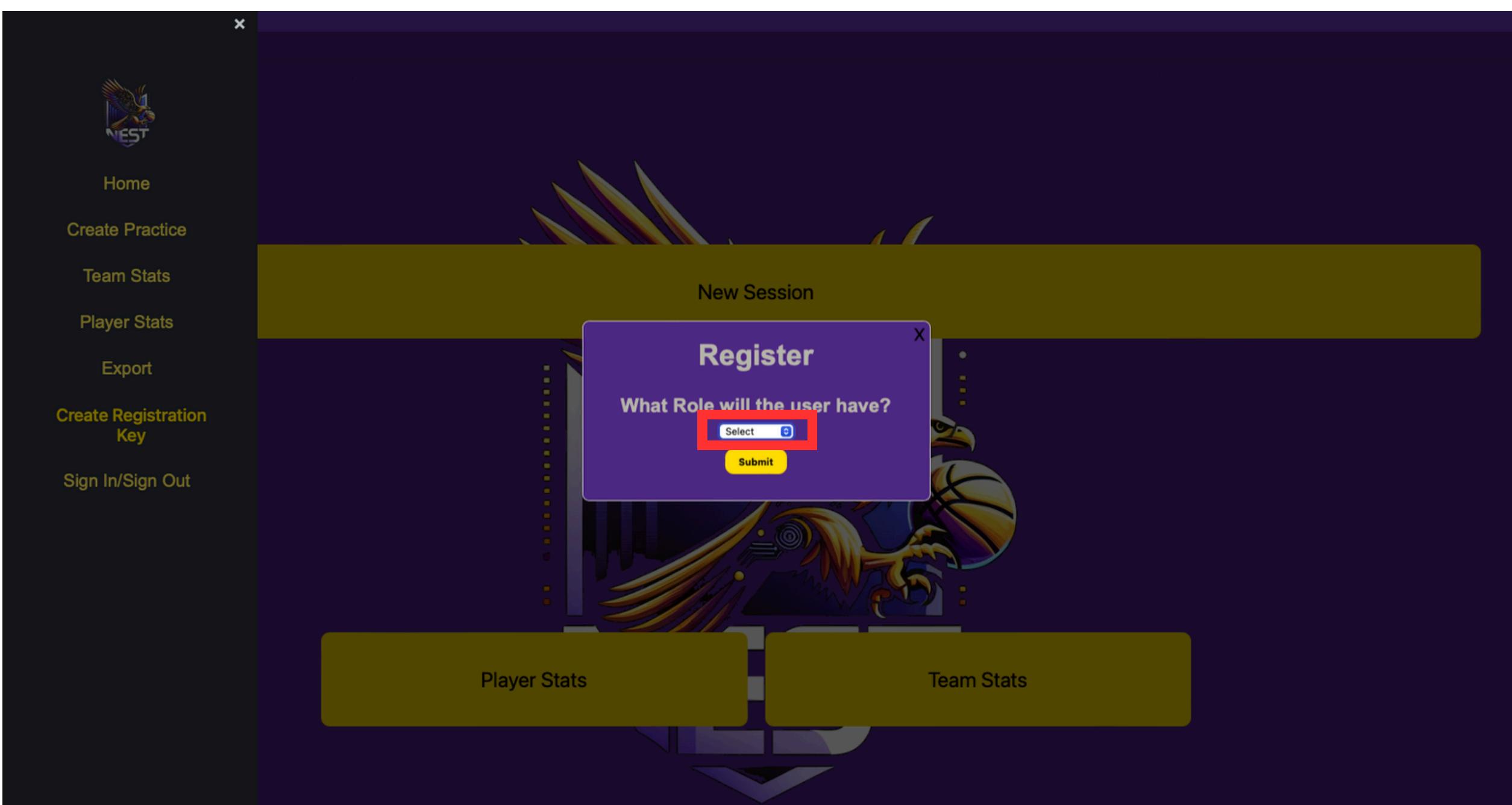
# User Registration



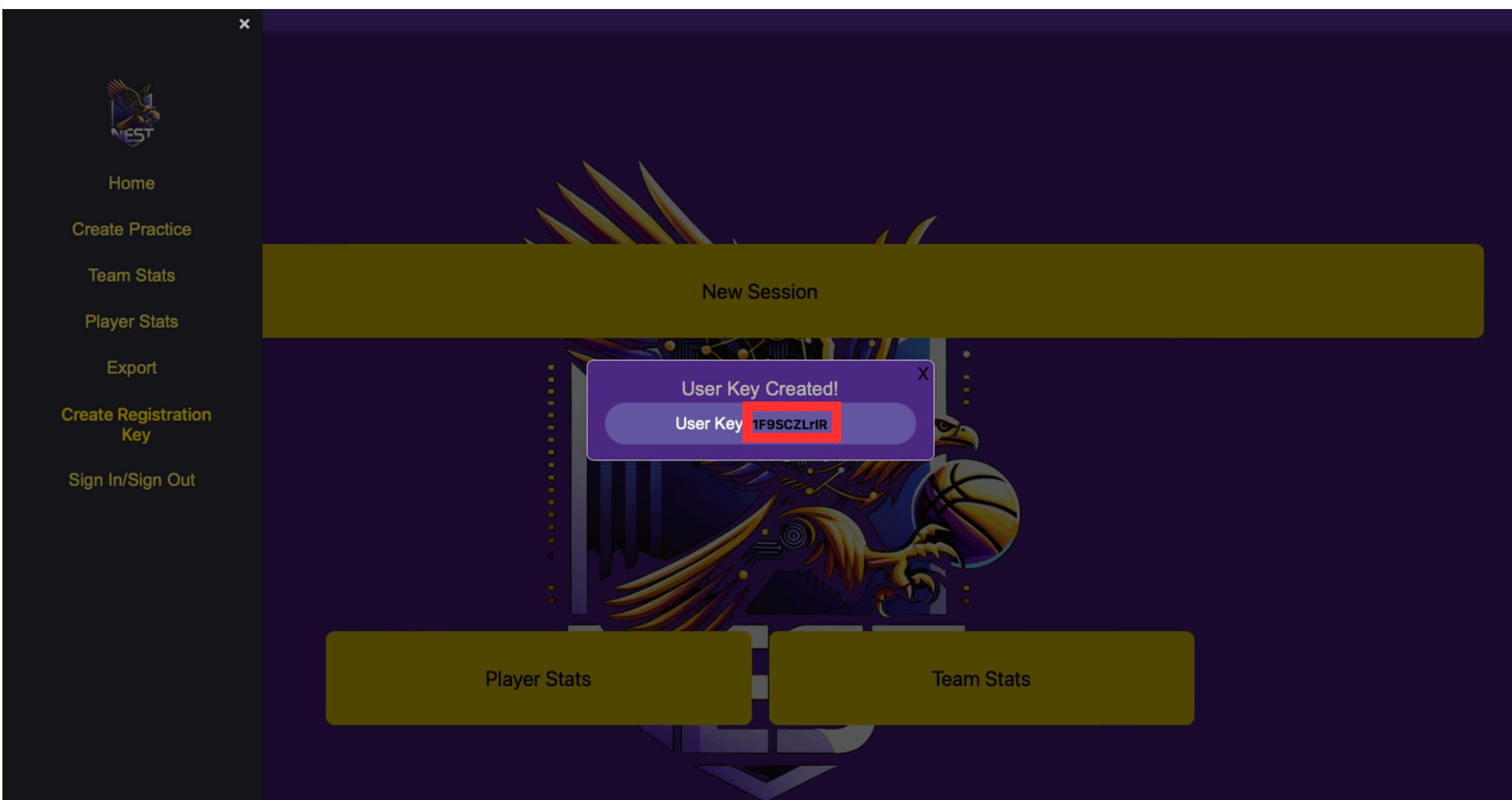
From the homepage, enter the hamburger menu in top right



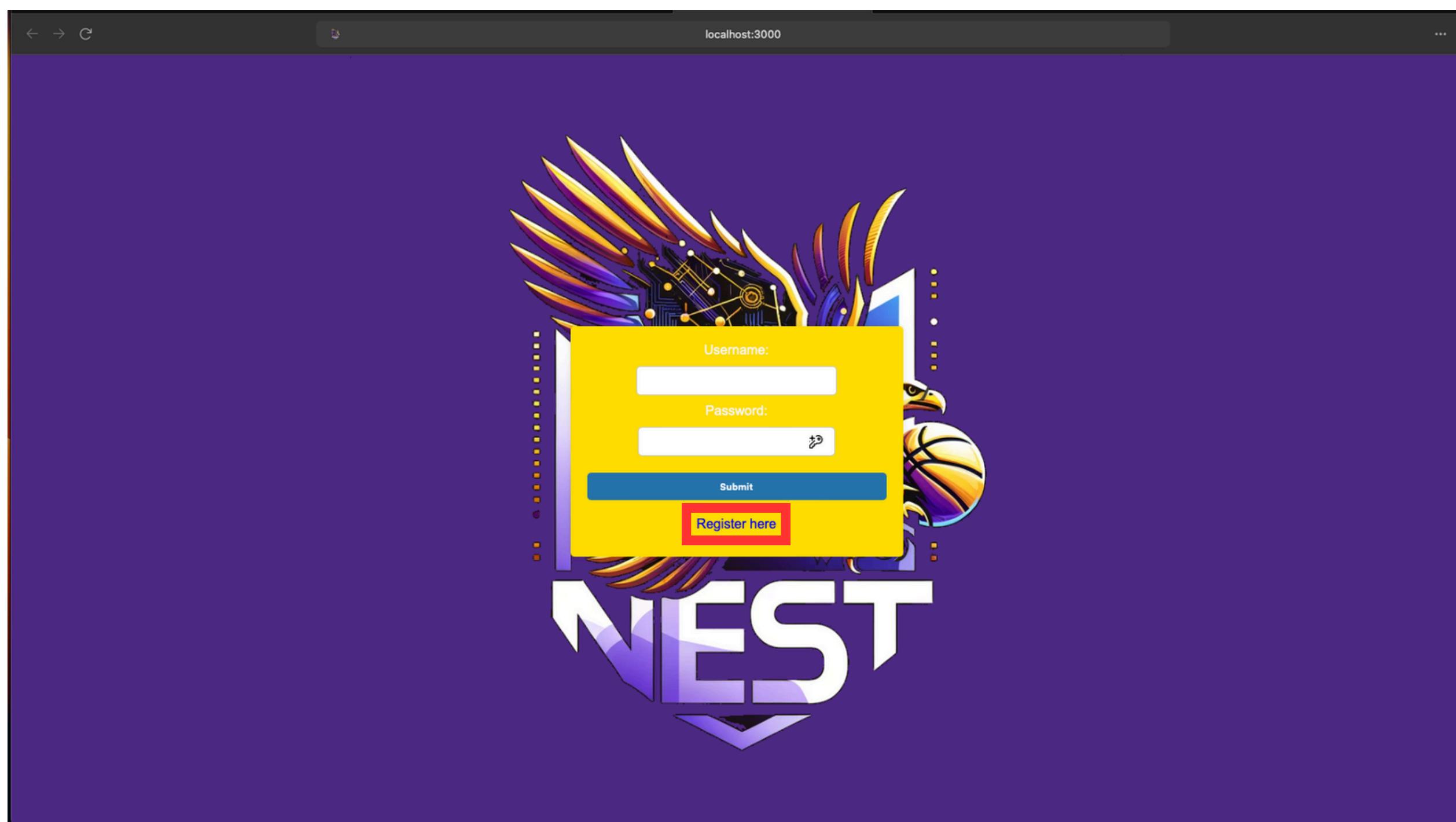
Select “Create Registration Key”



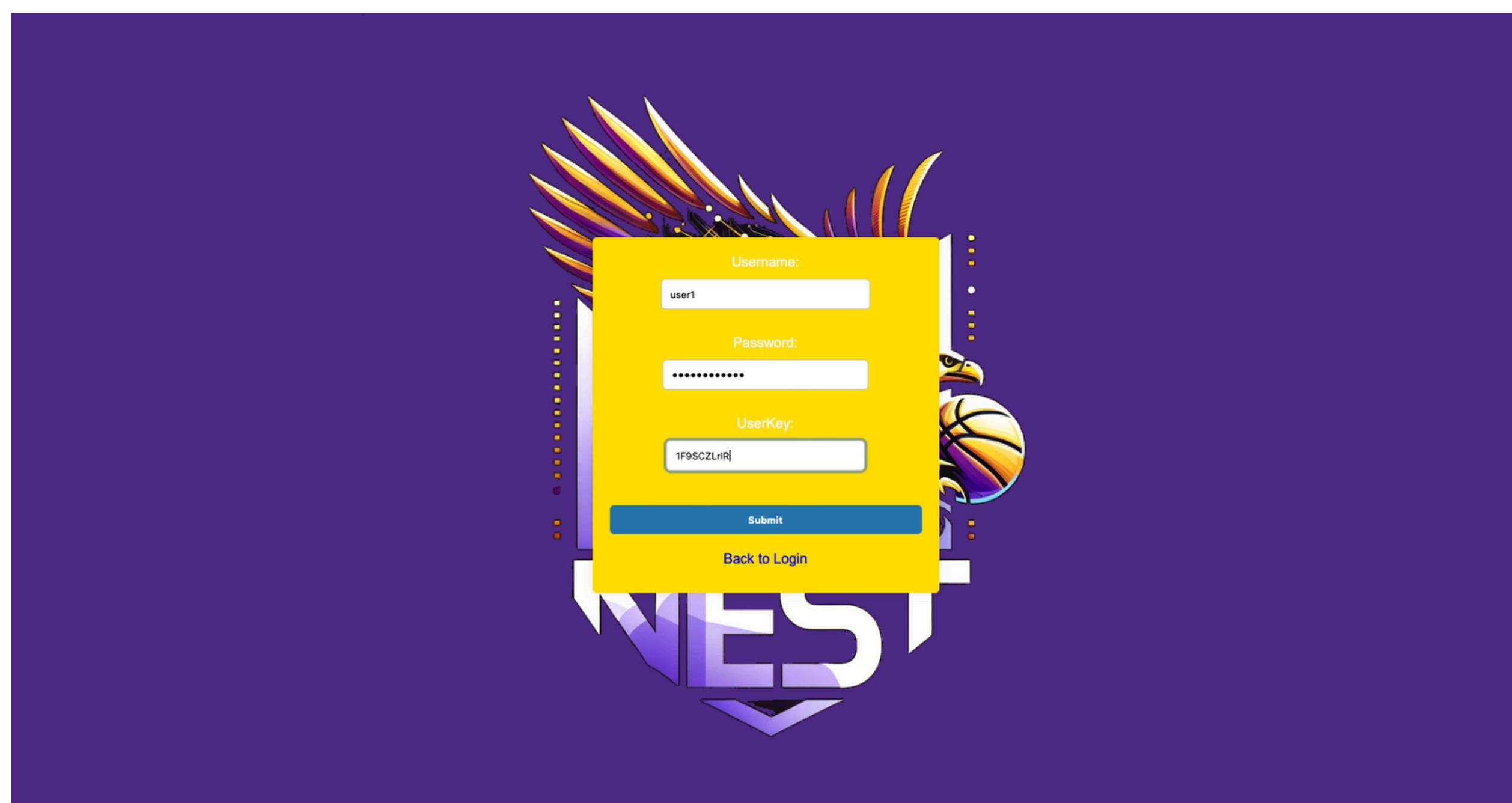
Select the type of user you want to register



Copy the user key generated

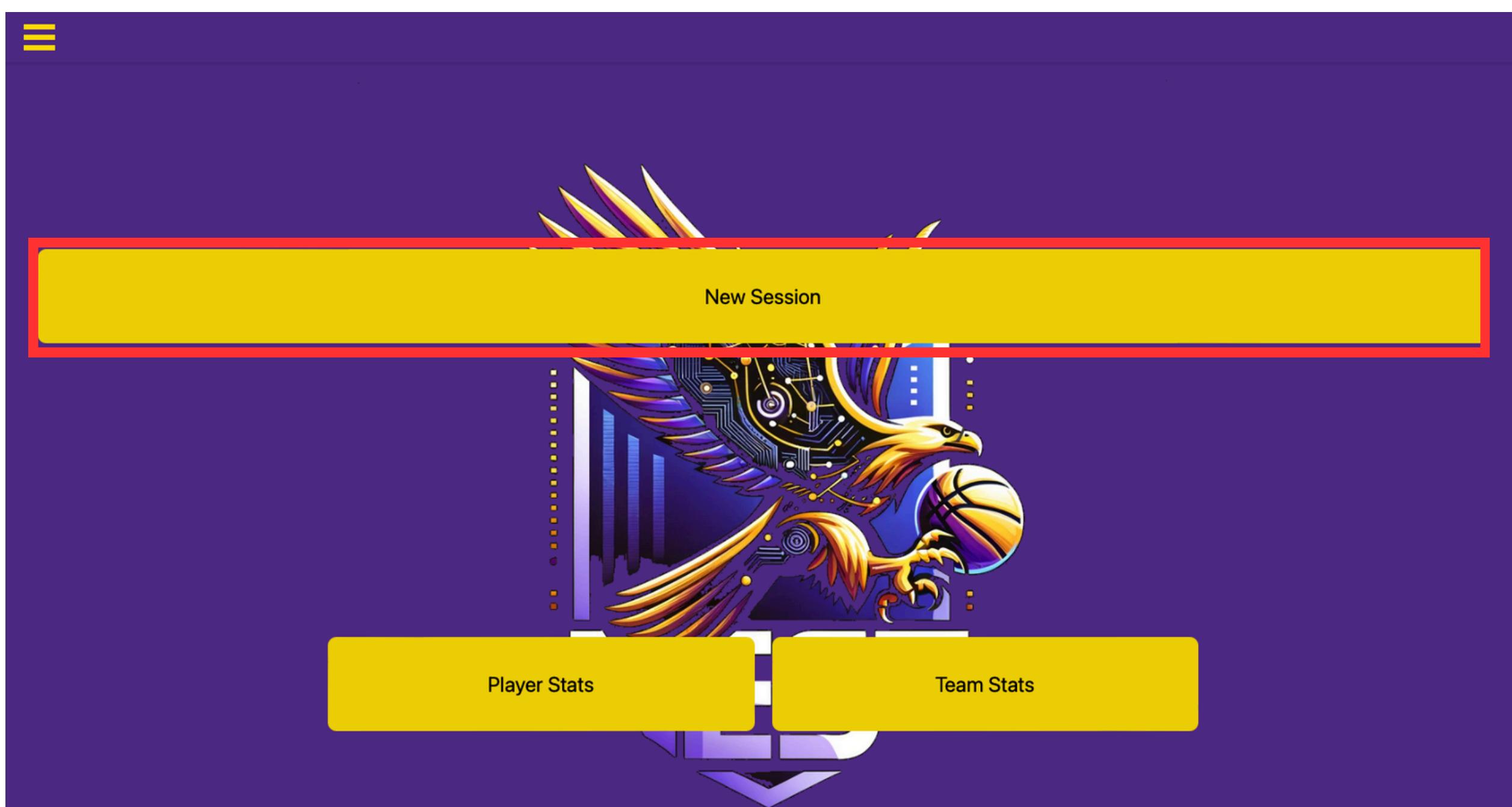


Exit back to the login page and select “Register here”

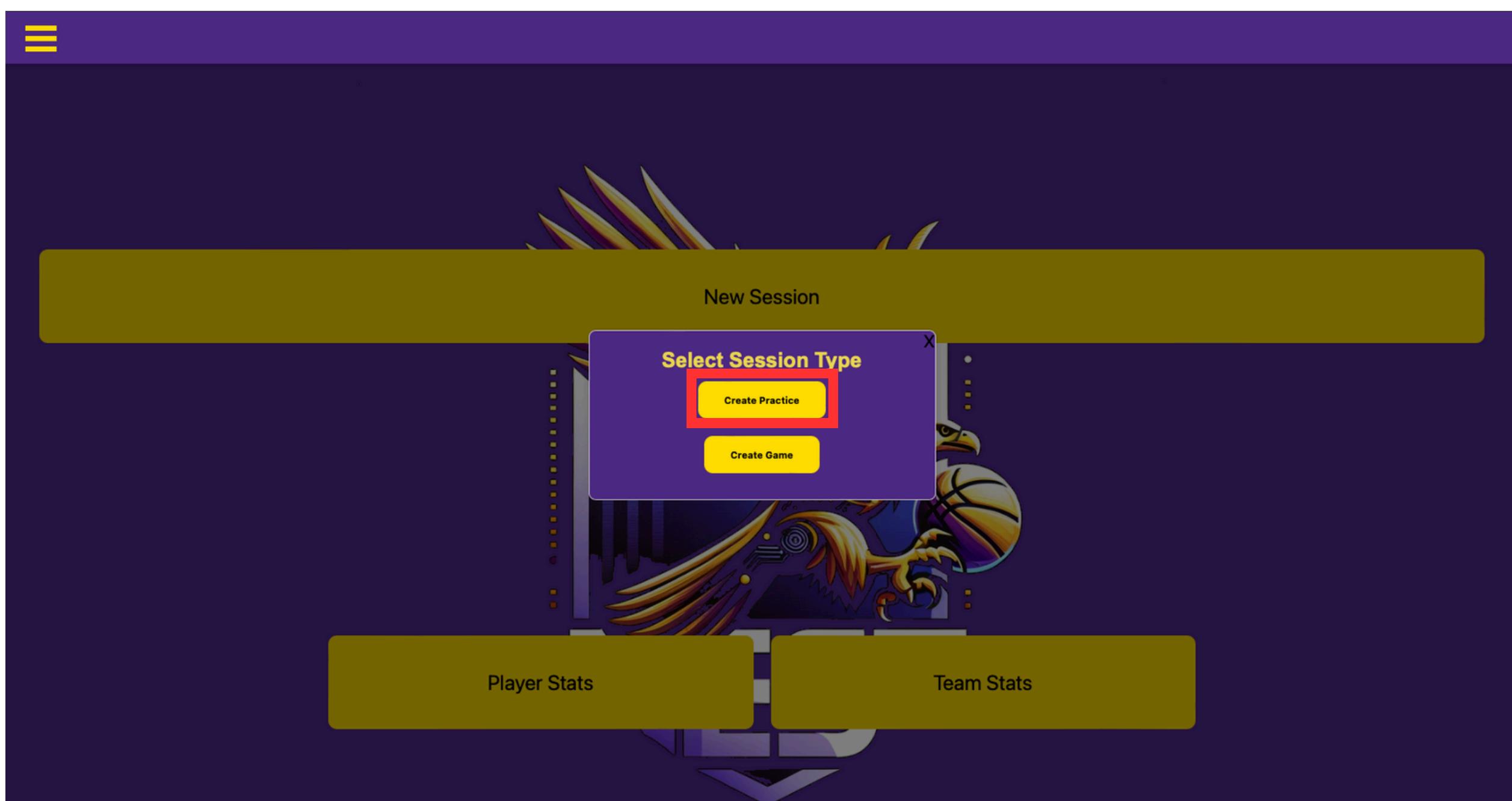


Register your new user

# Create a Practice Session



Select “New Session”



Select “Create Practice”

**Team Purple**

- Anna Walker
- Megan Aulbert
- Reagan Hurst
- Cayla Cowart
- Jennifer Sullivan

**Team Gray**

- Yaubryon Chambers
- Maddie Kellione
- Maaliya Owens
- Harley Paynter
- Reghan Grimes

**Date**  
April 29, 2024  
Set Date

**Create Practice**

Select “Add Drill”

**Create New Drill**

Name: test

Add Drill Cancel

**Team Purple**

- Anna Walker
- Megan Aulbert
- Reagan Hurst
- Cayla Cowart
- Jennifer Sullivan

**Team Gray**

- Yaubryon Chambers
- Maddie Kellione
- Maaliya Owens
- Harley Paynter
- Reghan Grimes

**Date**  
April 29, 2024  
Set Date

**Create Practice**

Enter desired drill name and click “Add Drill”

The screenshot shows a software interface for managing a practice session. On the left, there's a 'Drills' section with a purple header containing the word 'test'. Below it are 'Edit' and 'Delete' buttons, and a 'Add Drill' button. To the right are two sections for teams: 'Team Purple' and 'Team Gray'. Each team section has a list of player names with small red trash icons next to them. At the bottom of each team section is a green 'Add Player' button. The entire interface has a dark purple background. A date field at the bottom left shows 'April 29, 2024', and a 'Create Practice' button is at the bottom right.

To add a player, select “Add Player” to desired team

This screenshot is similar to the one above, but it shows a player being added to a team. In the 'Team Gray' section, the player 'Yaubryon Chambers' is listed, and the red trash icon next to her name is highlighted with a red box. The other players in the list have their trash icons highlighted with red boxes as well. The rest of the interface, including the drills section and the date field, remains the same.

To delete a player, select the trash button beside the desired player

Drills

test

Add Drill

Team Purple

- Anna Walker
- Megan Aulbert
- Reagan Hurst
- Cayla Cowart
- Jennifer Sullivan

Add Player

Team Gray

- Yaubryon Chambers
- Maddie Kellione
- Maaliya Owens
- Harley Paynter
- Reghan Grimes

Add Player

Date

April 29, 2024

Set Date

Create Practice

Select “Create Practice”

4  
Anna Walker

10  
Reagan Hurst

32  
Megan Aulbert

1  
Cayla Cowart

2  
Jennifer Sullivan

Offensive Rebound

Assist

Steal

Defensive Rebound

Block

Turnover

0.00

Last Tempo:  
N/A

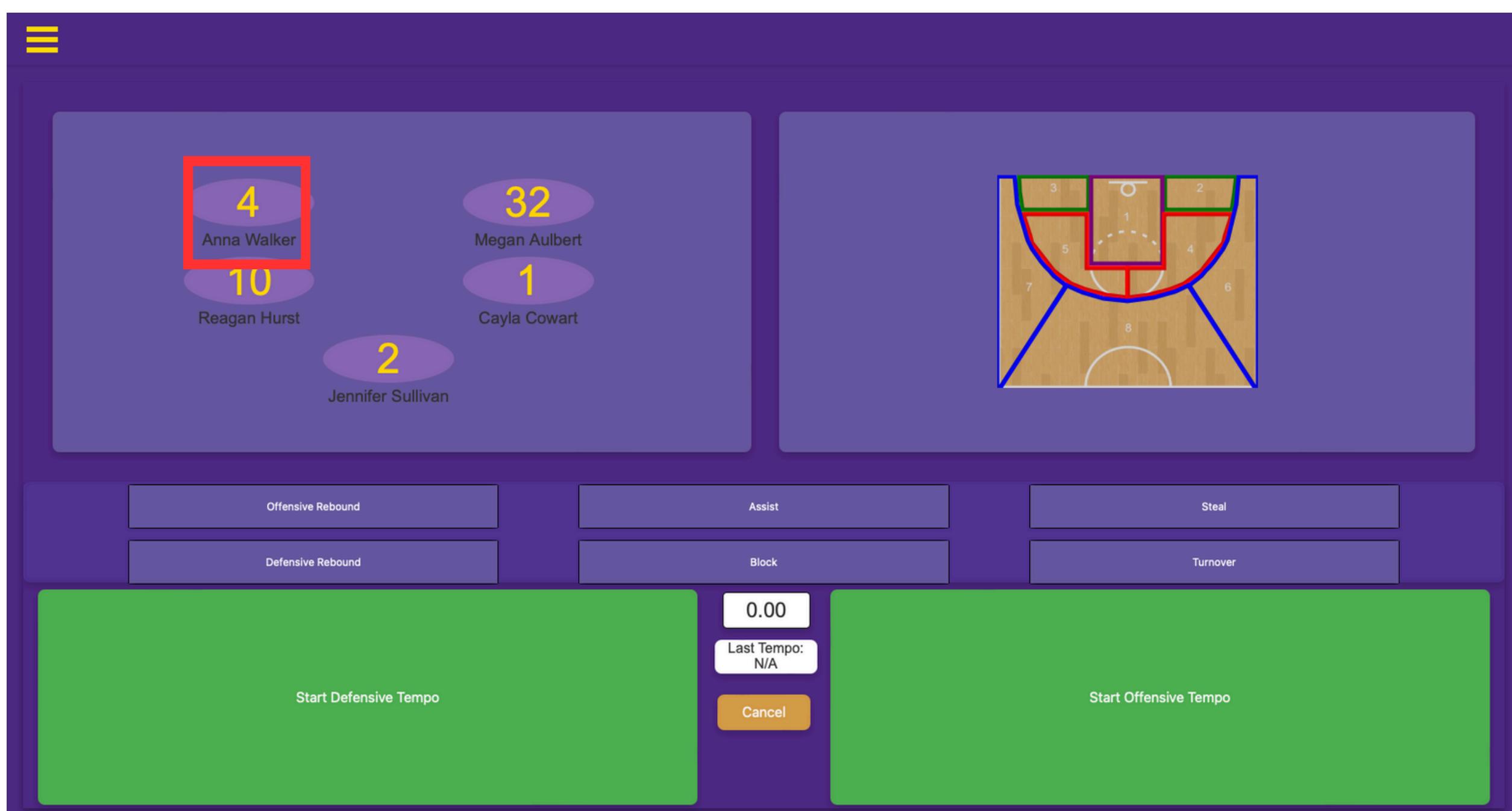
Cancel

Start Defensive Tempo

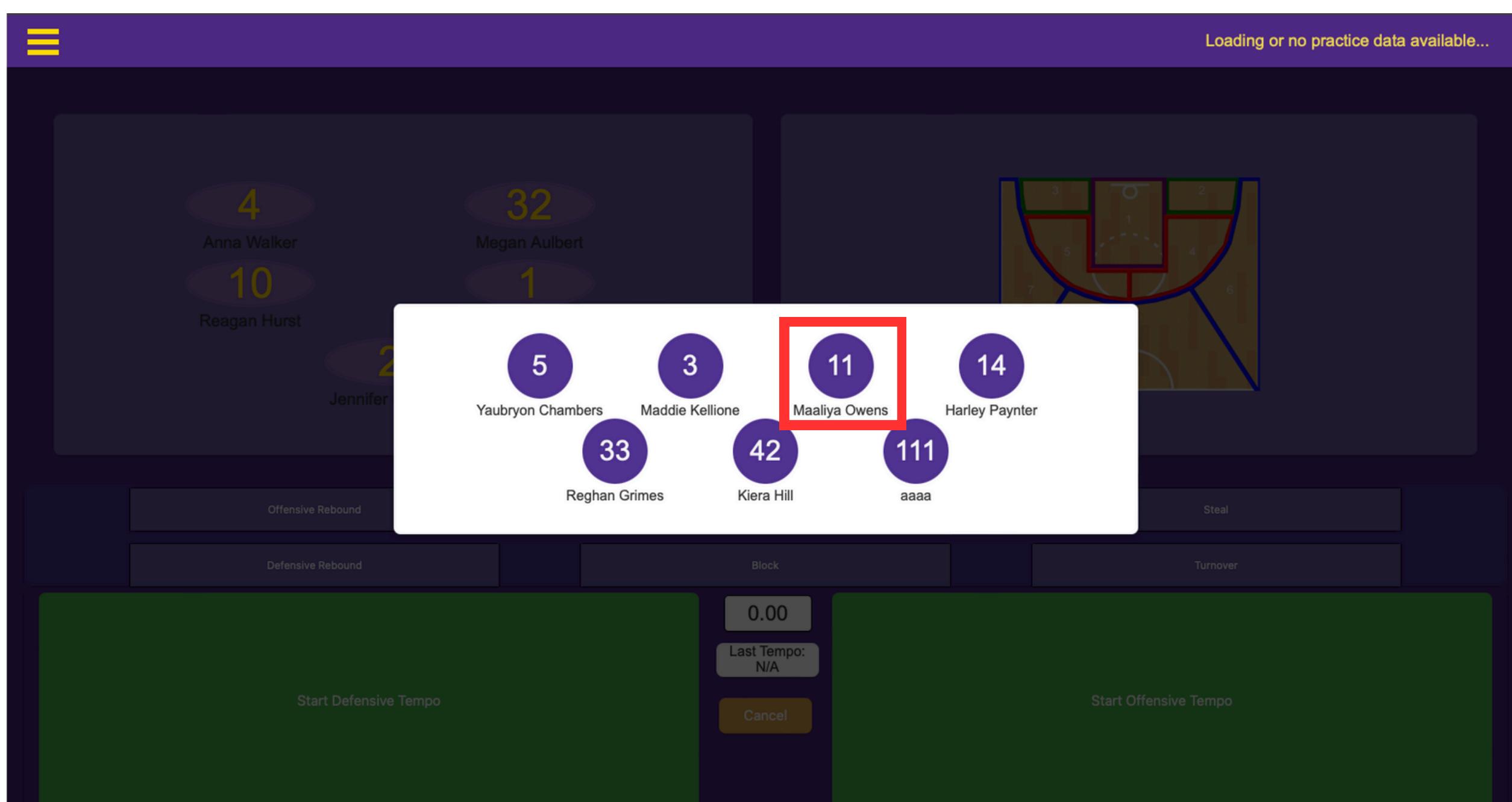
Start Offensive Tempo

You can now take practice statistics!

# Taking Drill Statistics



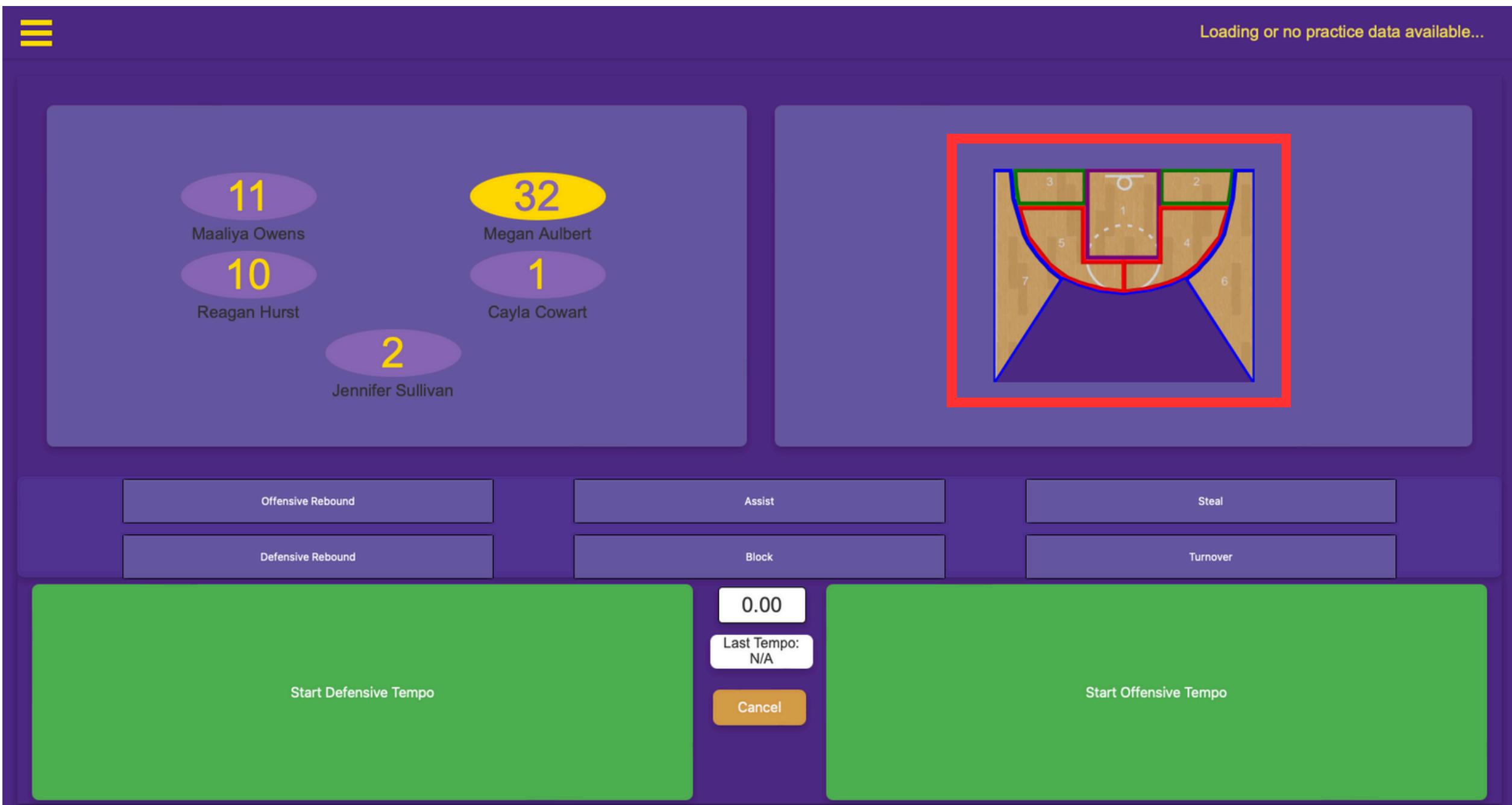
To substitute a player, select and hold the desired player



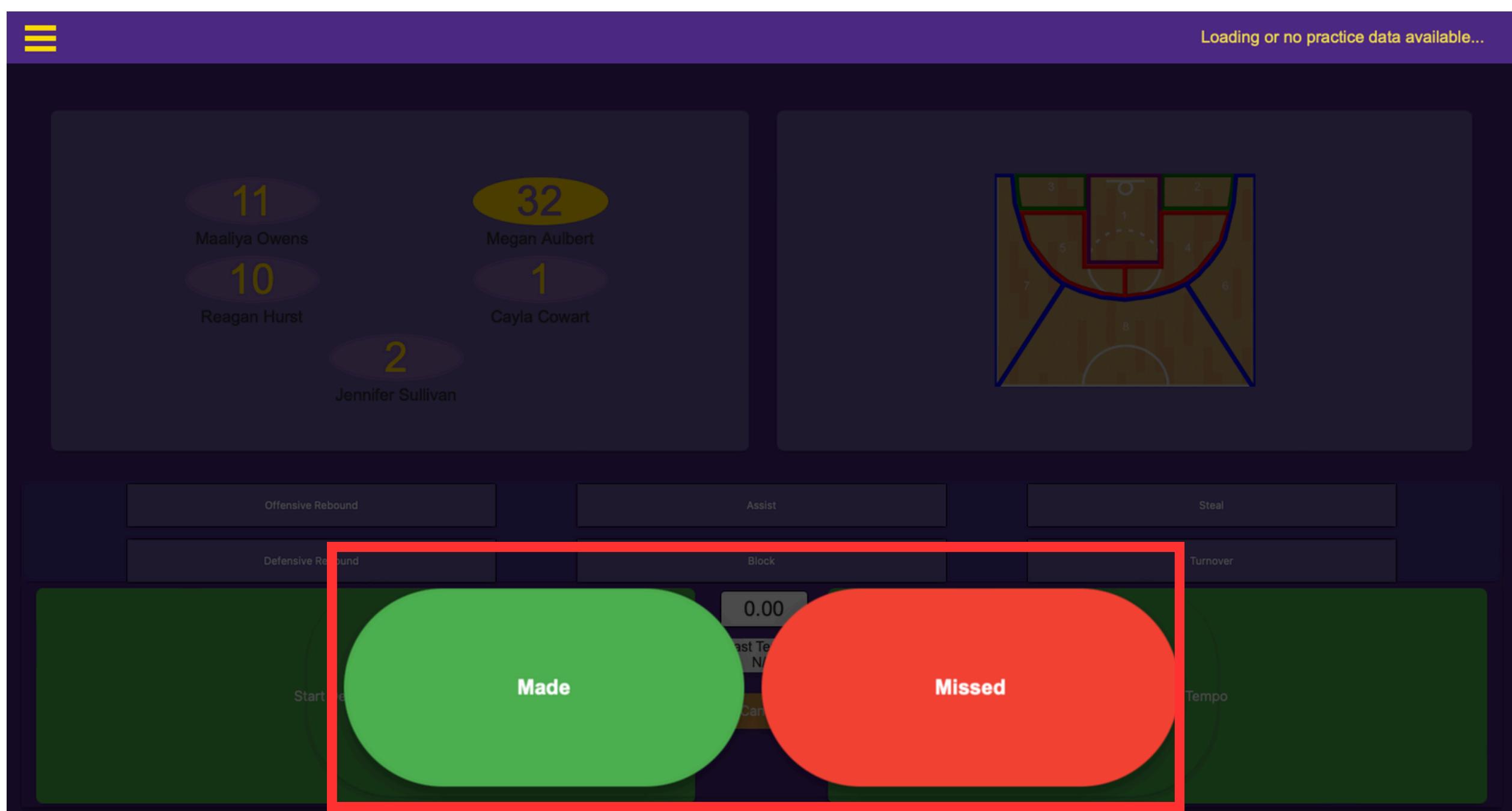
Select the player you wish to sub in



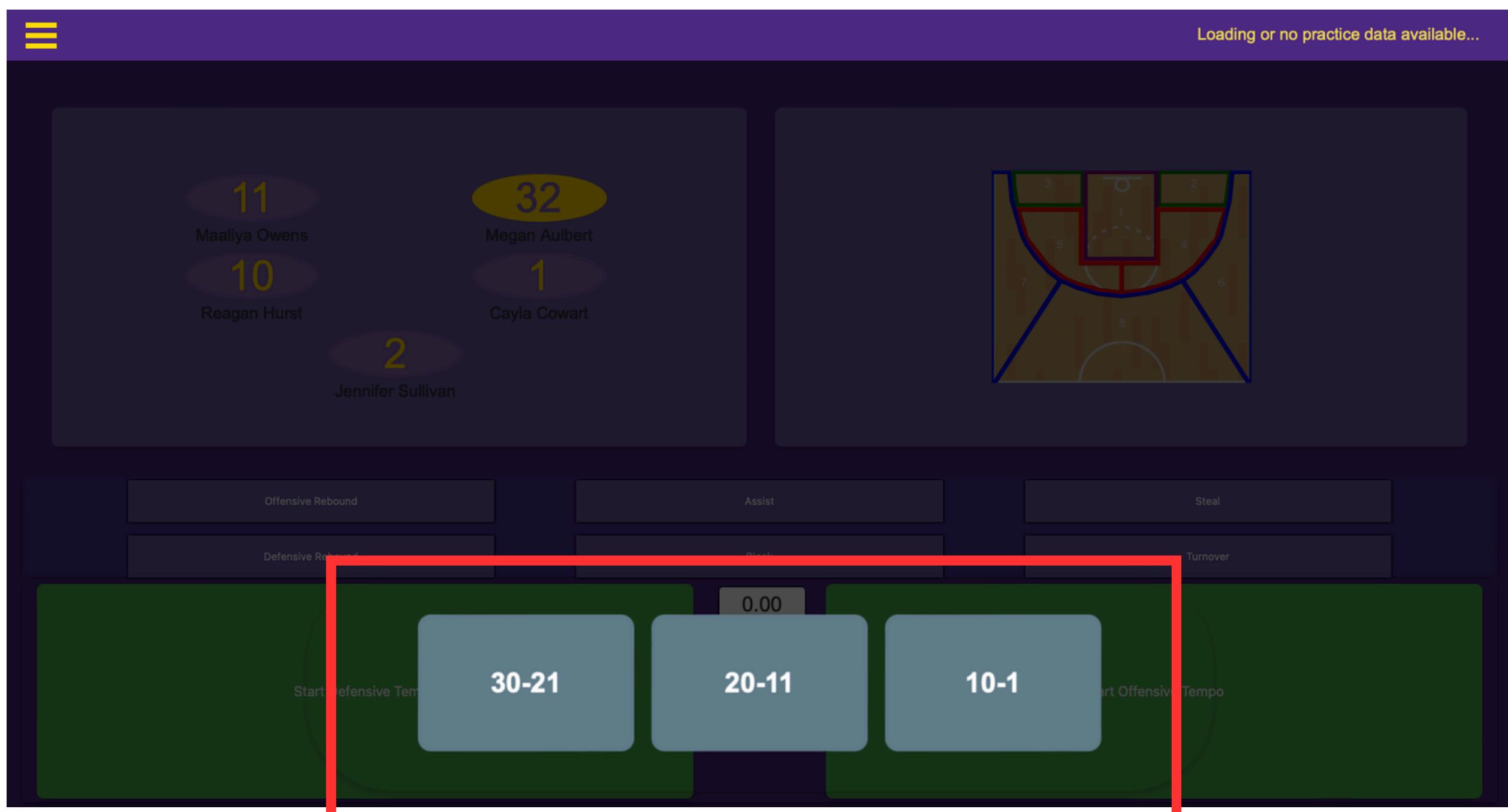
To submit a shot, first select the player who shot



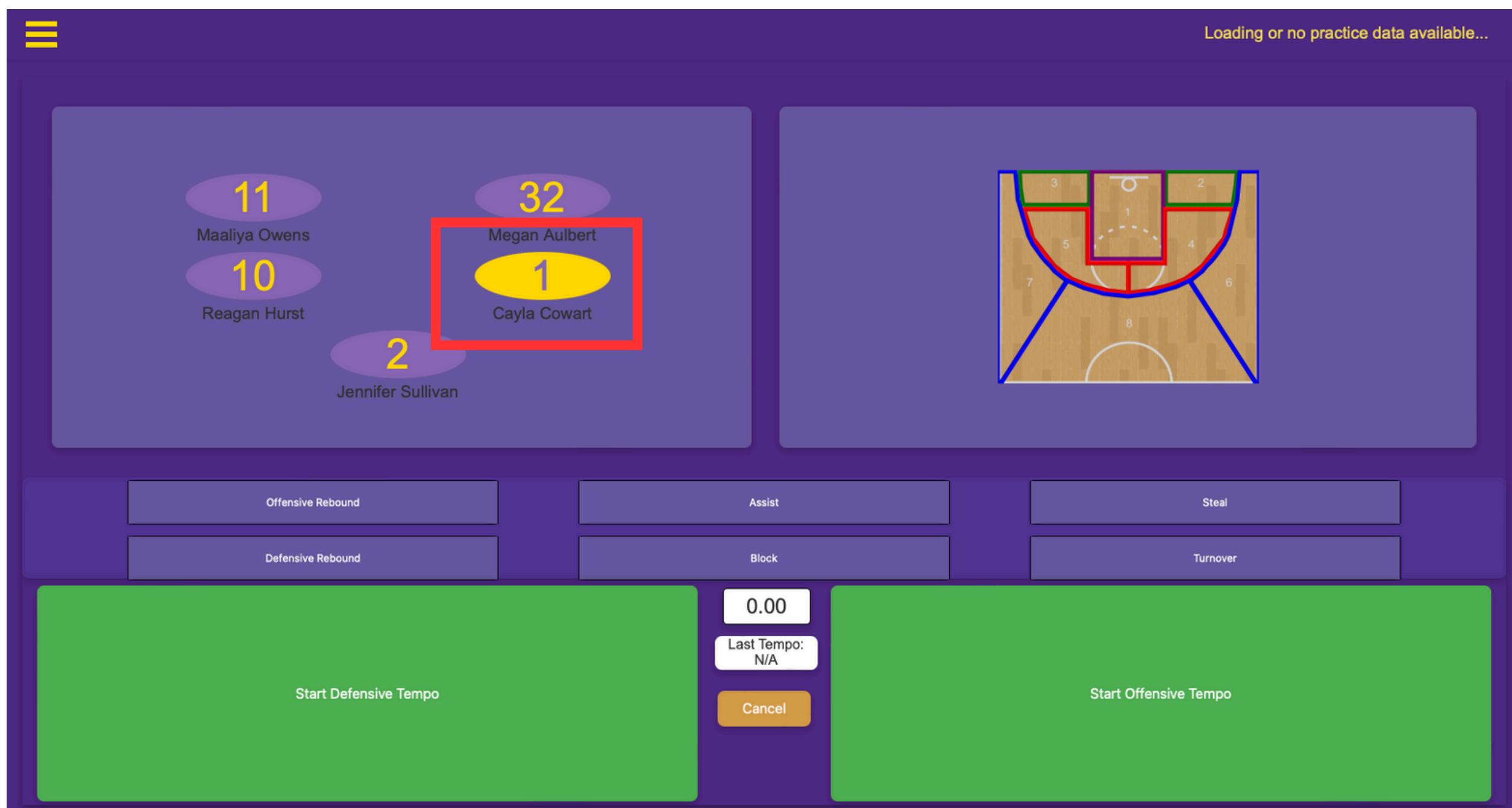
Next select a zone



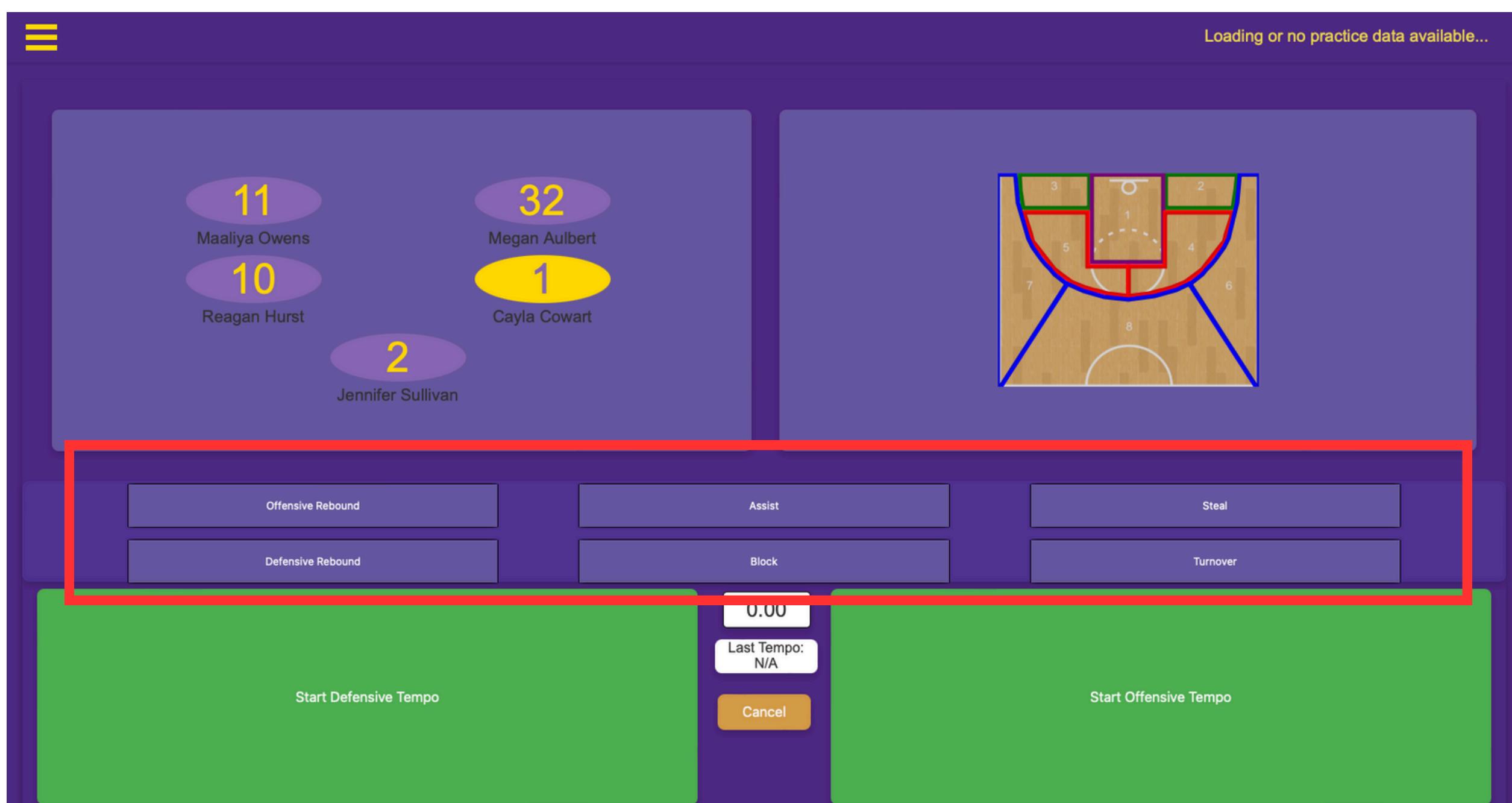
Select whether the shot was made or missed



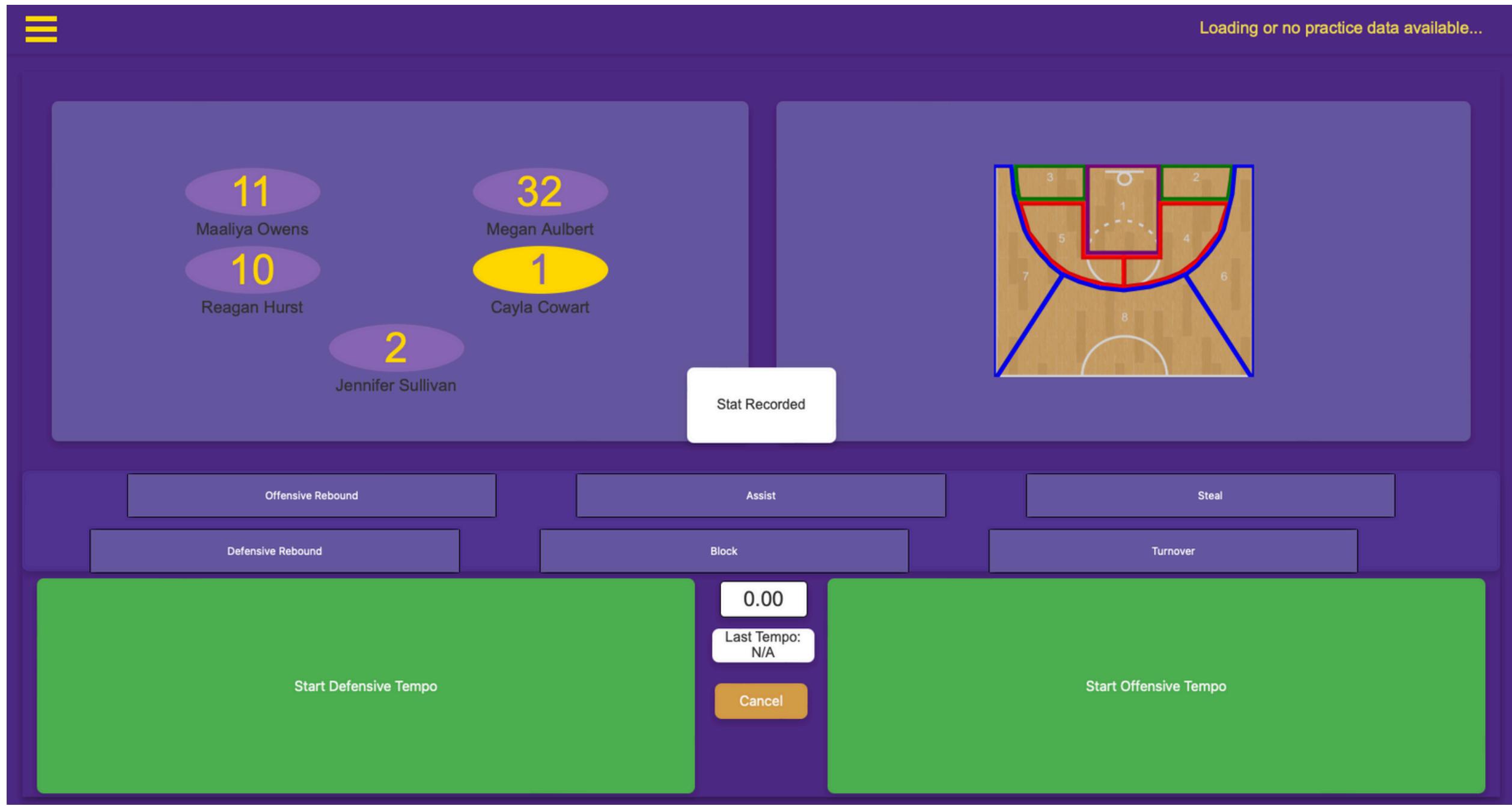
Select what time on the shot clock the shot was taken



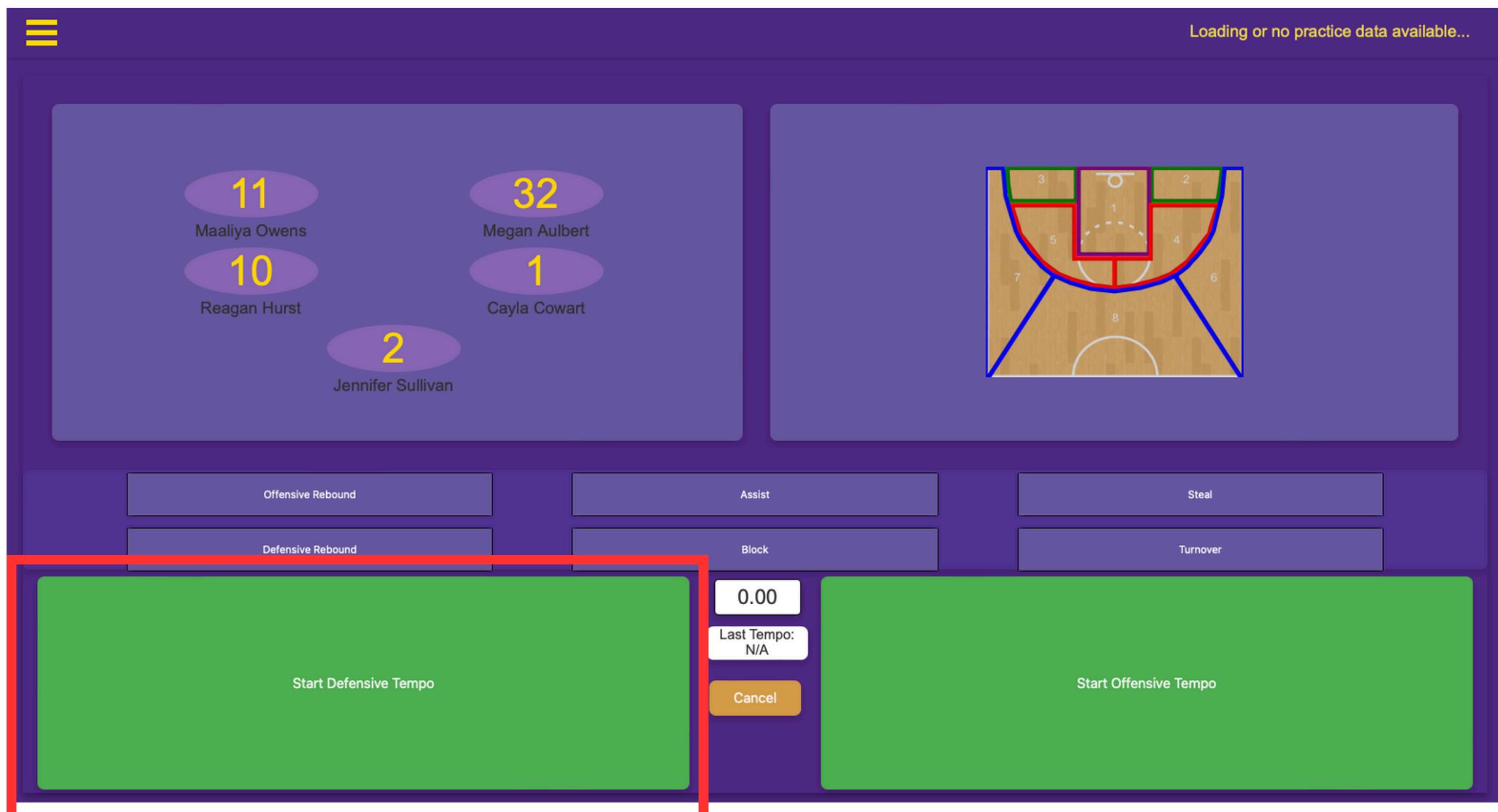
To record additional stats, select the player



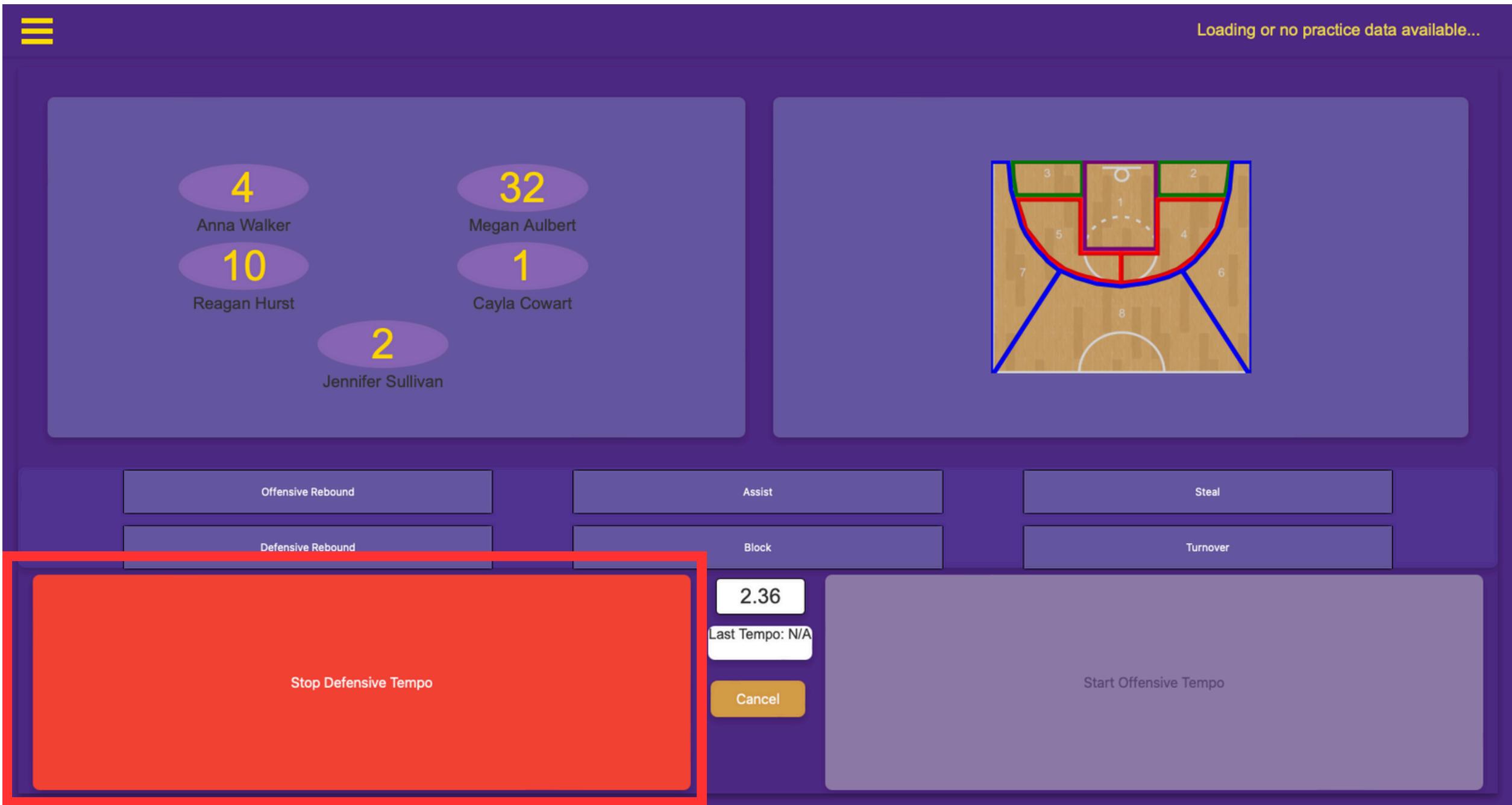
Next, select the statistic you want to record



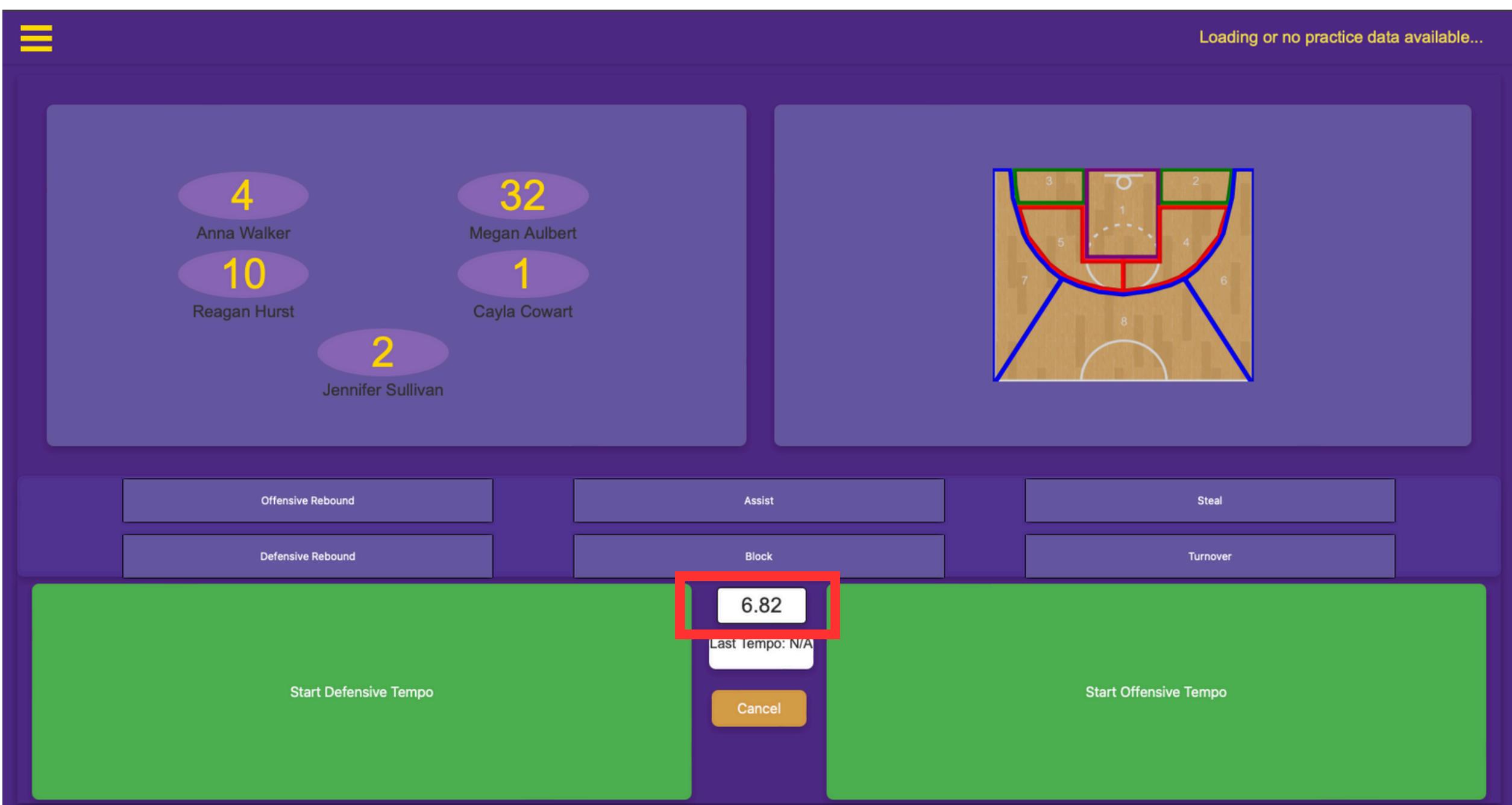
Your stat has been recorded



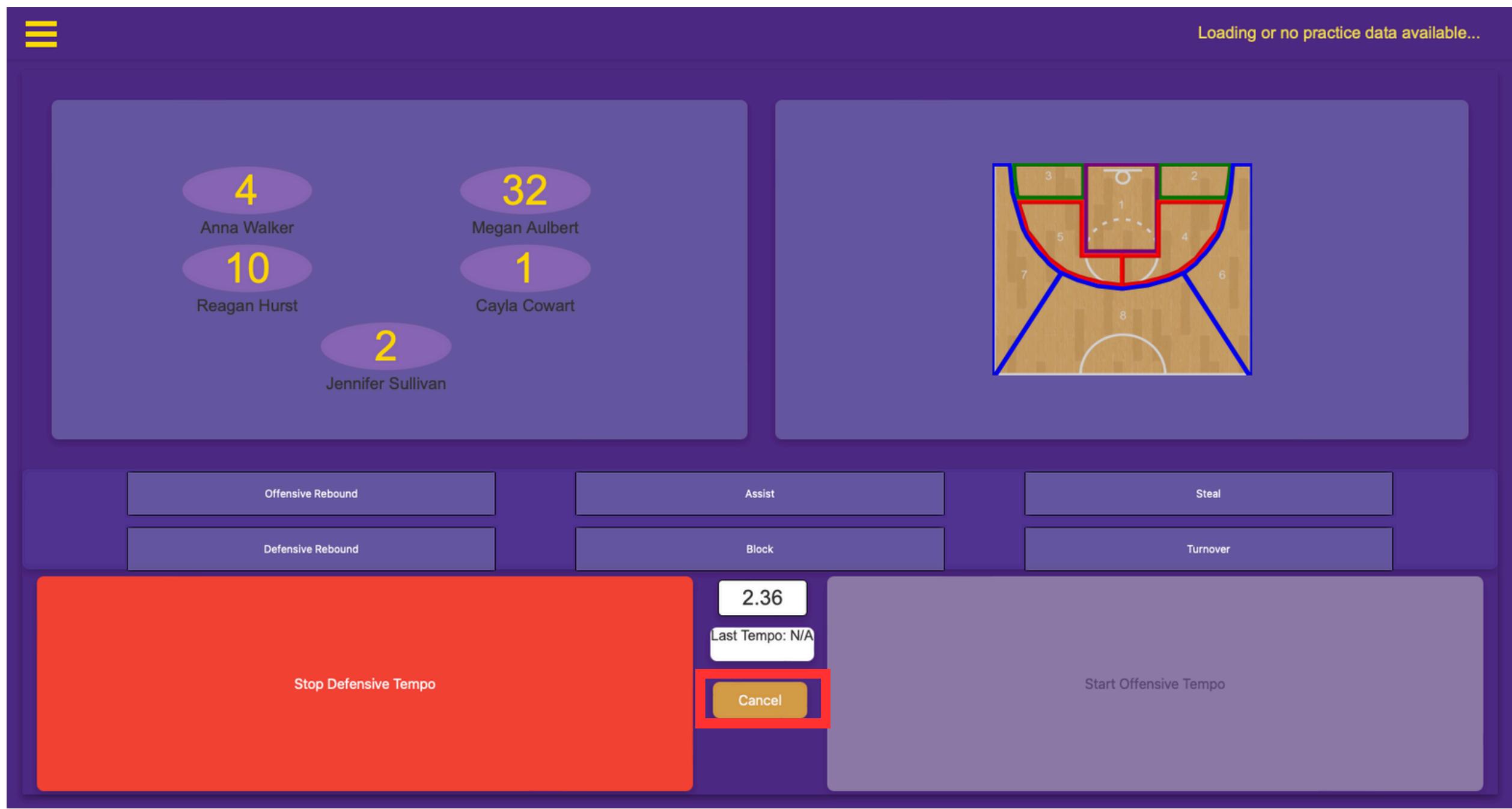
To record a tempo, click one of the tempo buttons



To stop the timer, click the button again

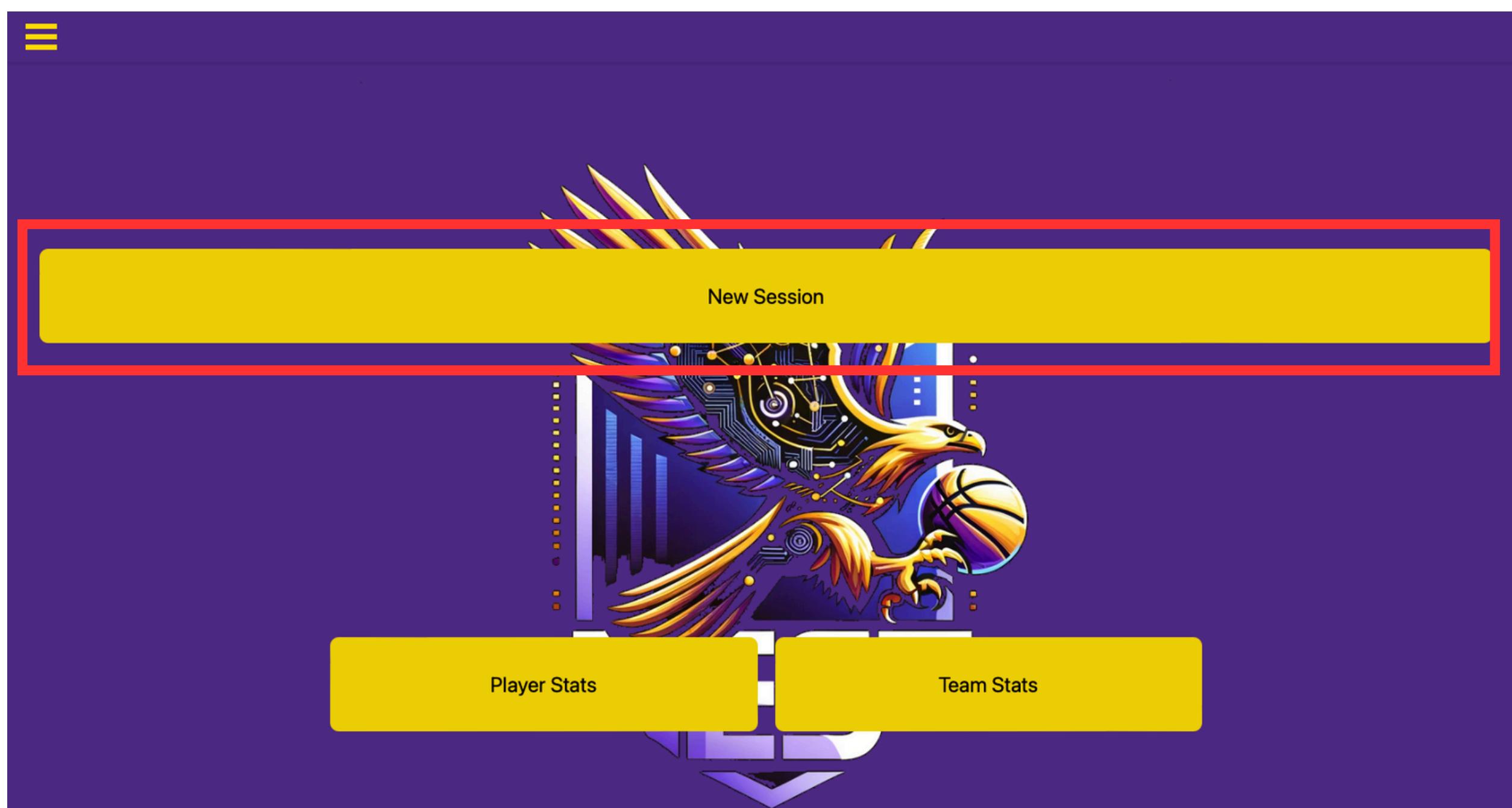


Your tempo has been recorded

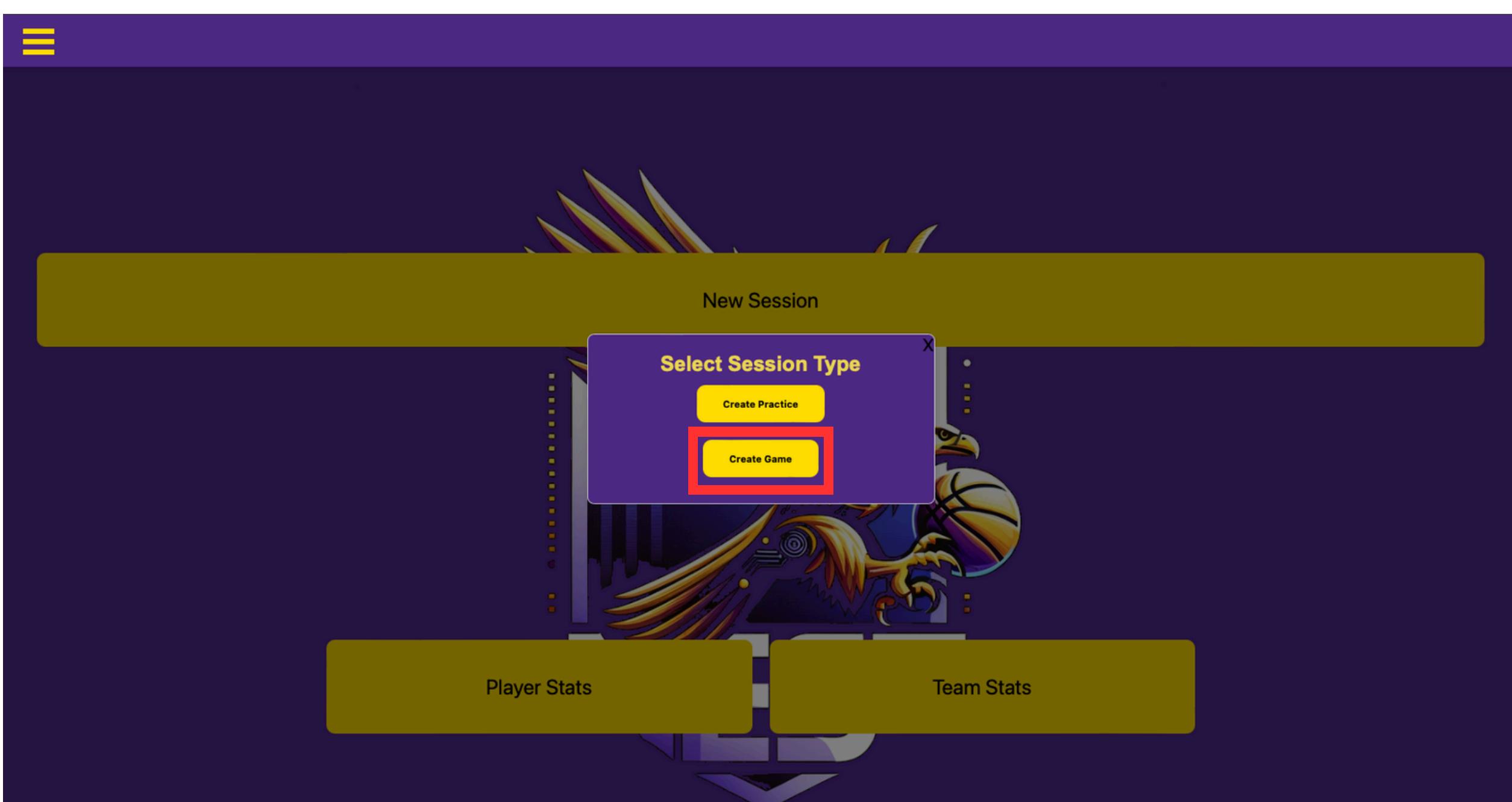


If you start the timer in error, click the “Cancel” button

# Creating a Game Session



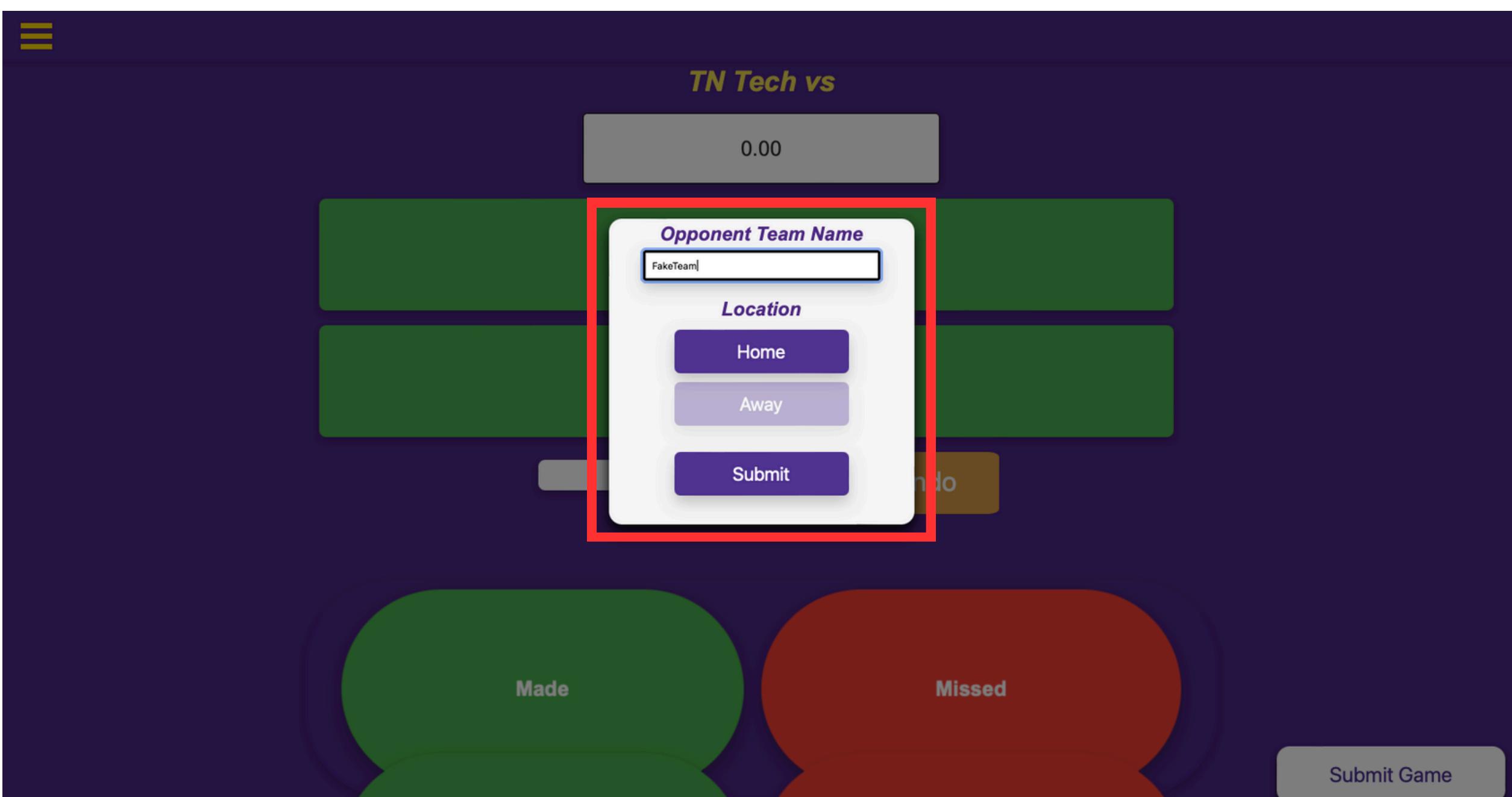
Select “New Session”



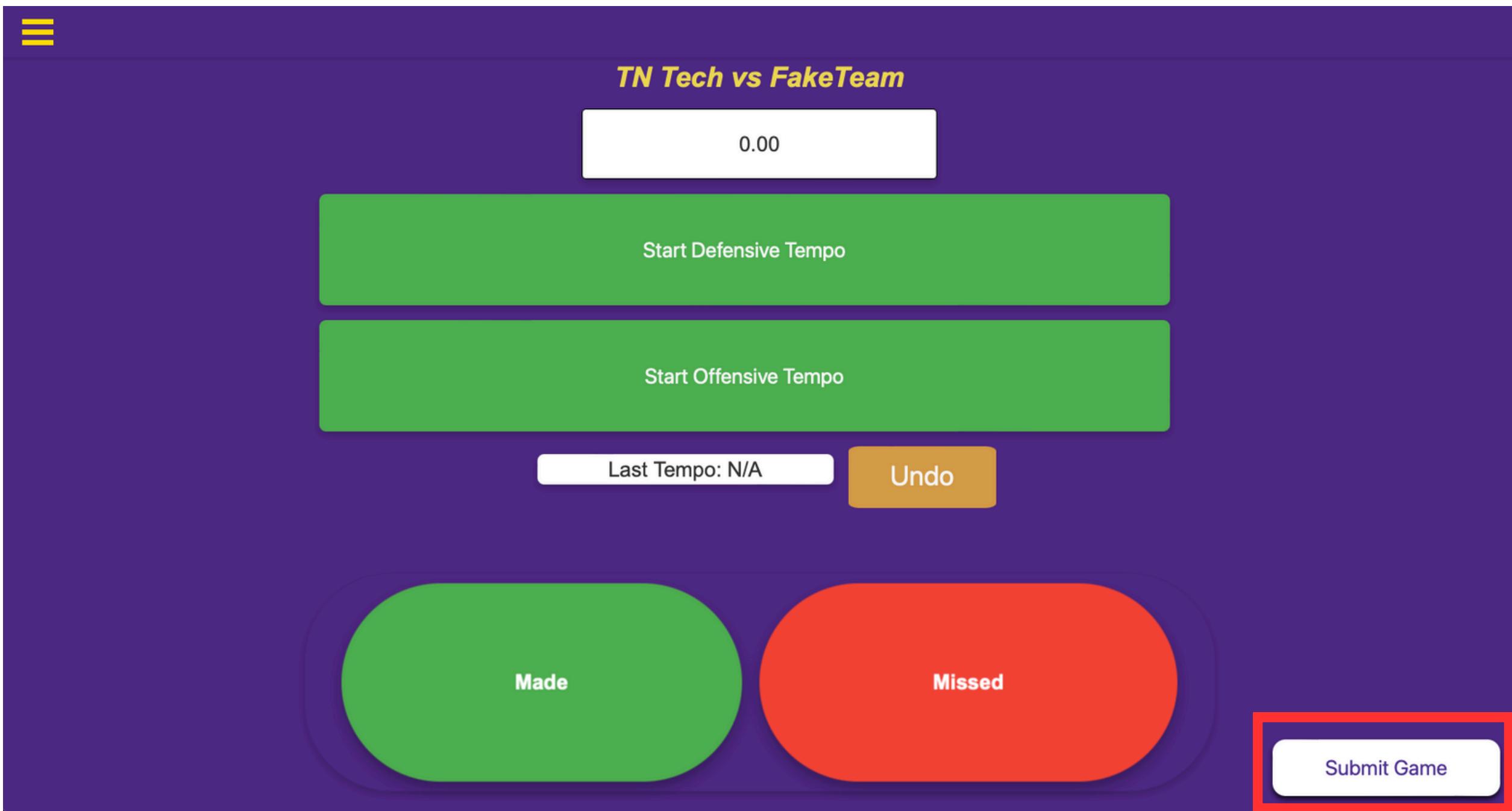
Select “Create Game”



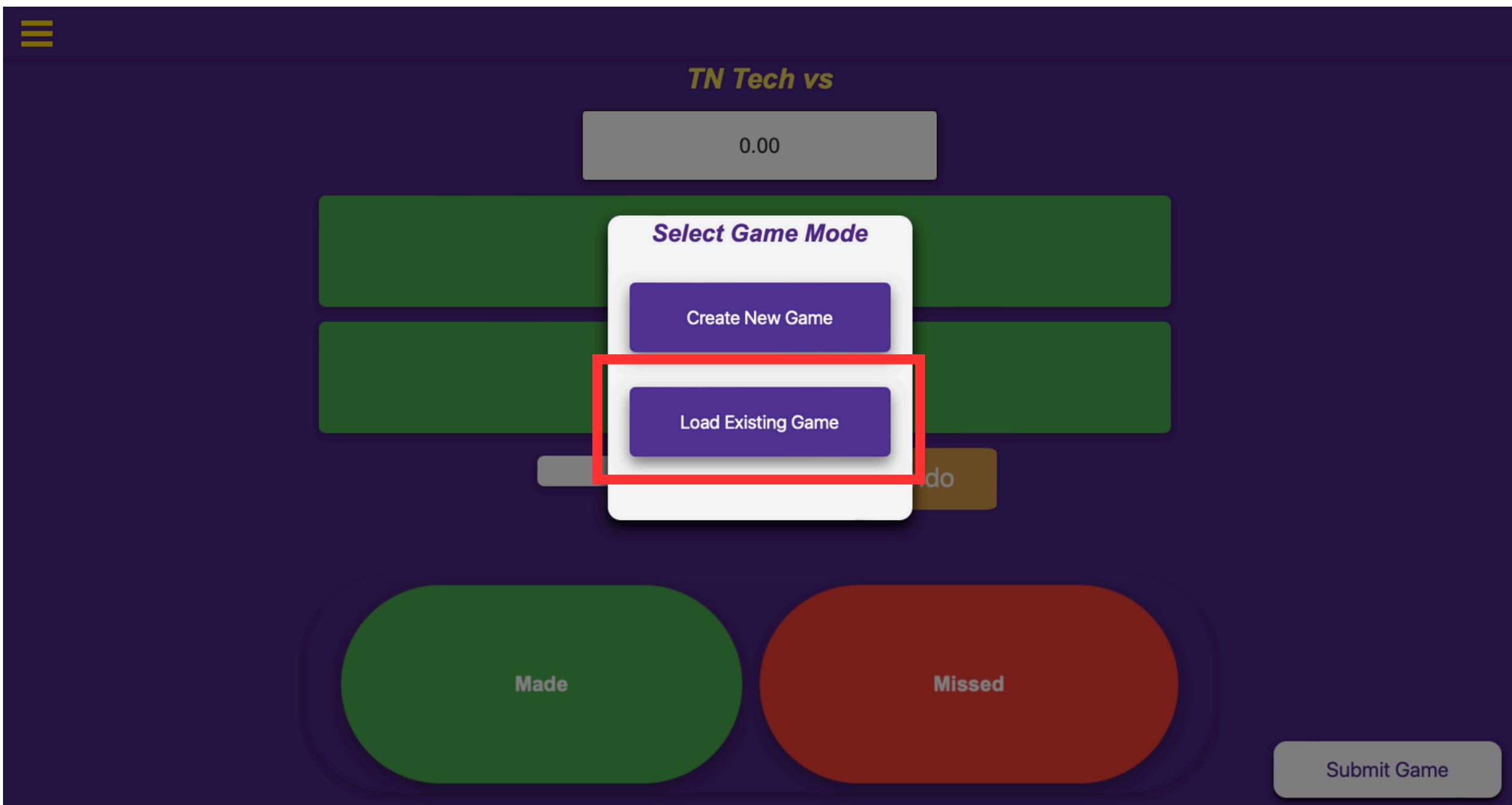
To create a new game, select “Create New Game”



Enter the game information



Functionality of the buttons work the same as the drill page  
Submit the game session by selecting “Submit Game”

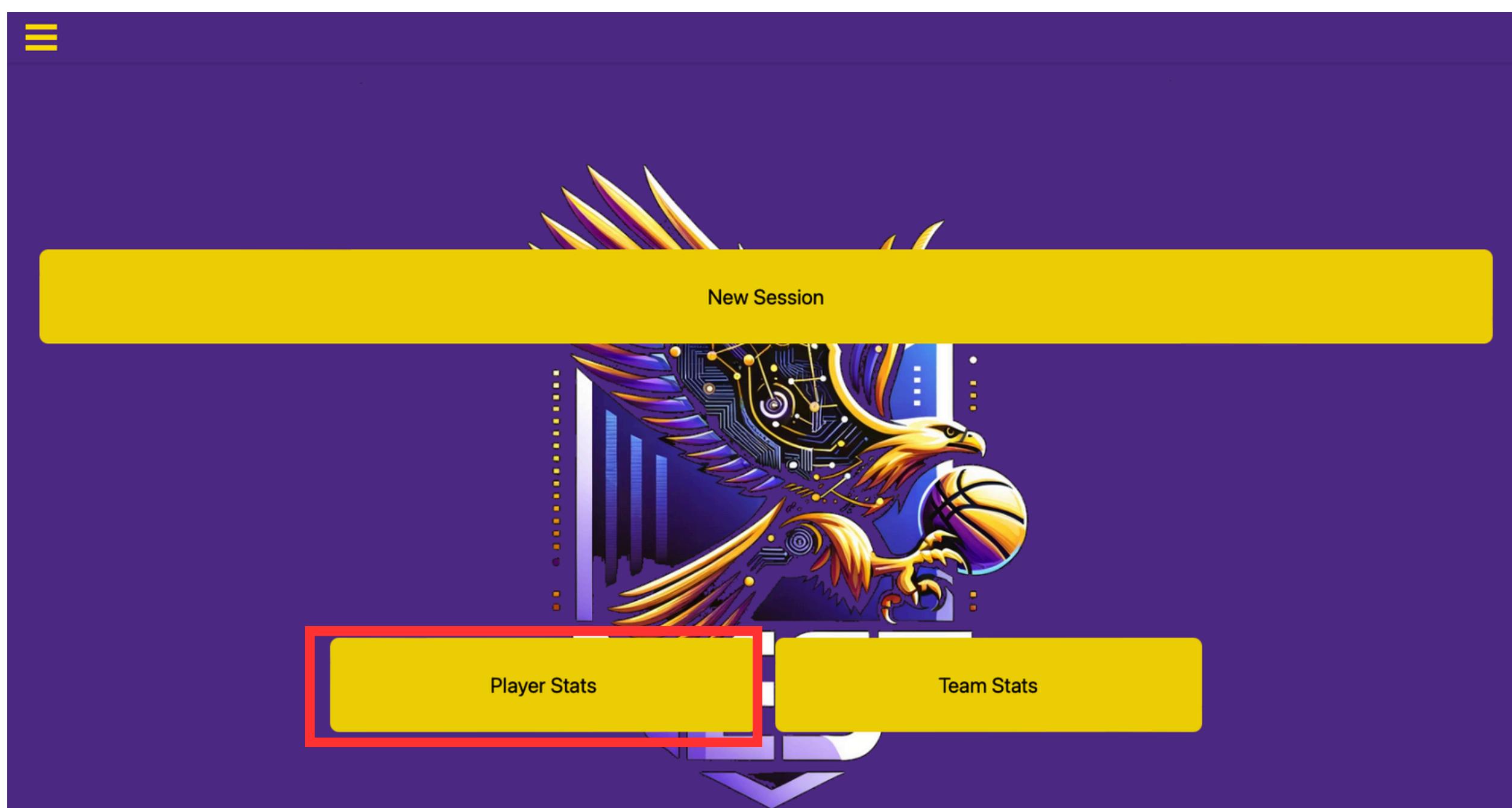


To load existing game, select “Load Existing Game”

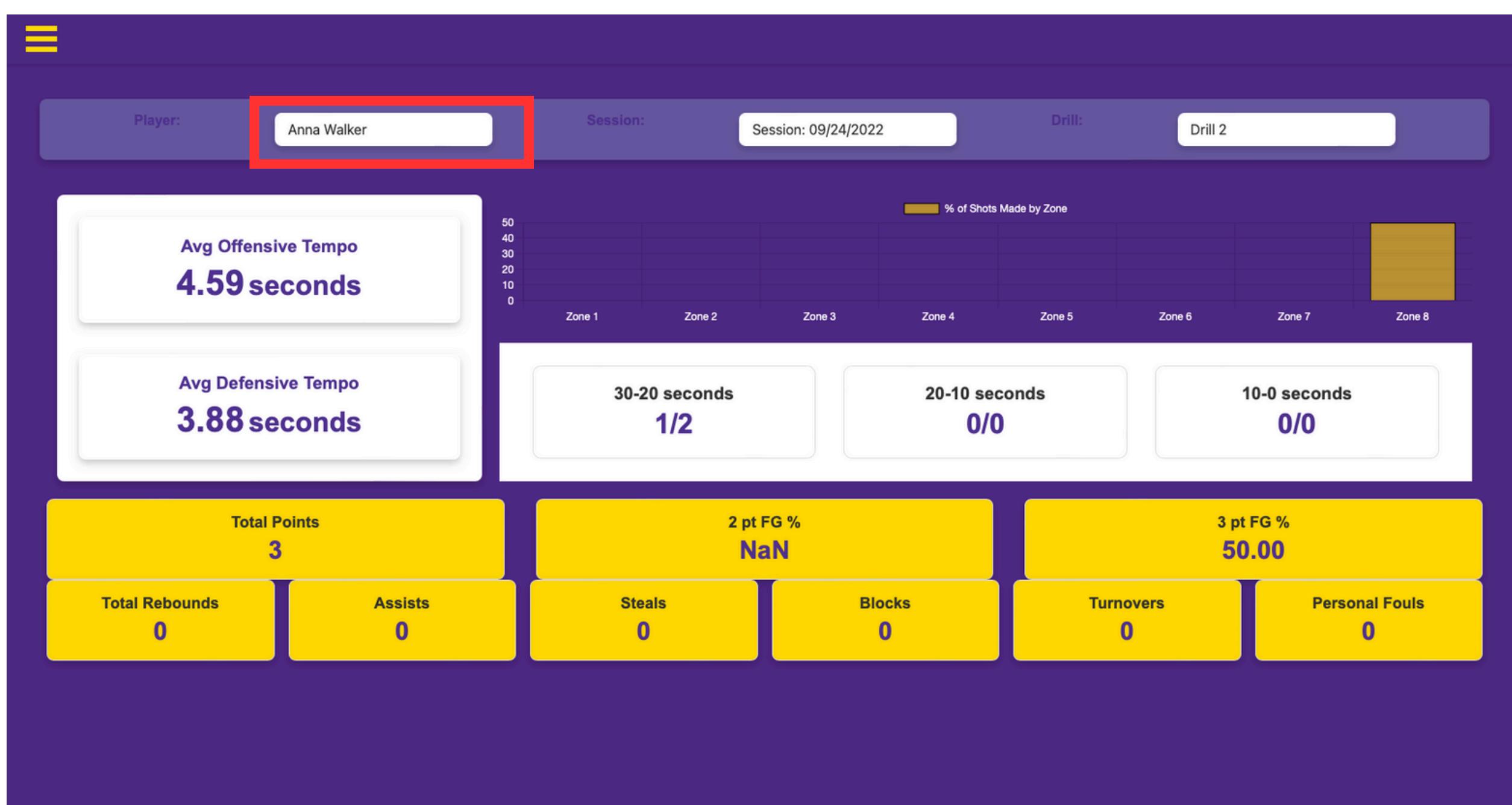


# Select the game you wish to load

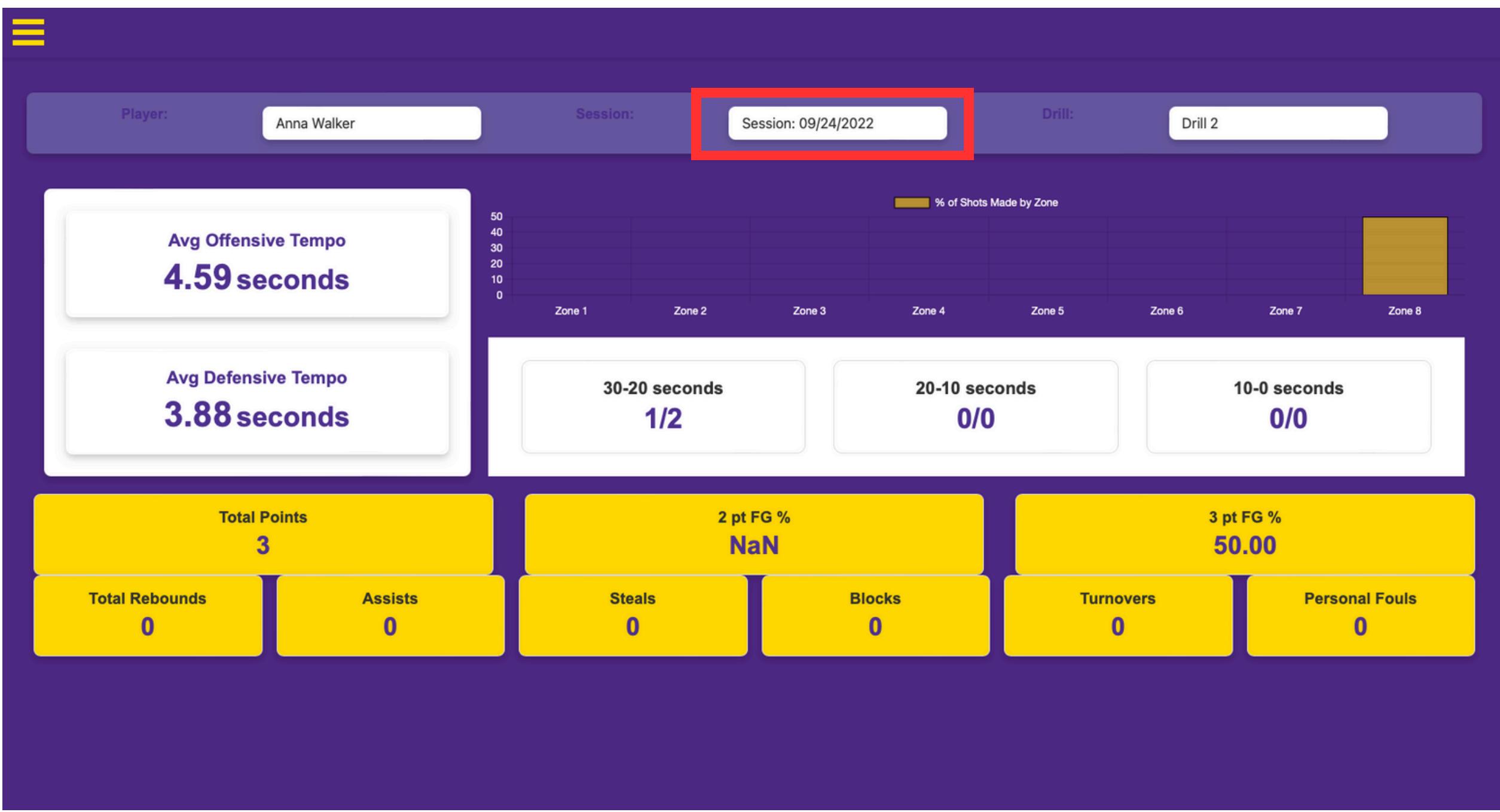
# Player Stats



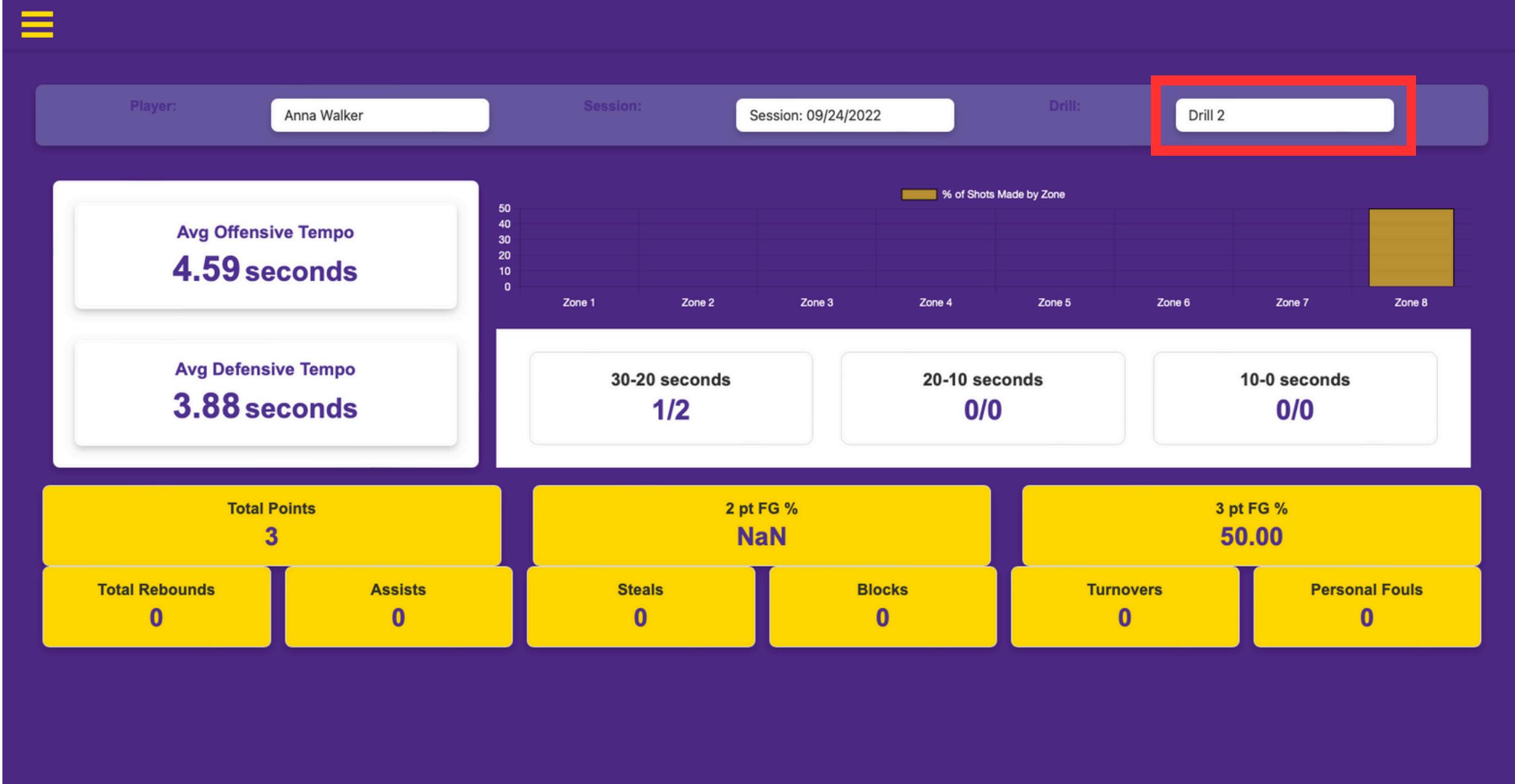
From the home page, select “Player Stats”



To change the player, select “Player”

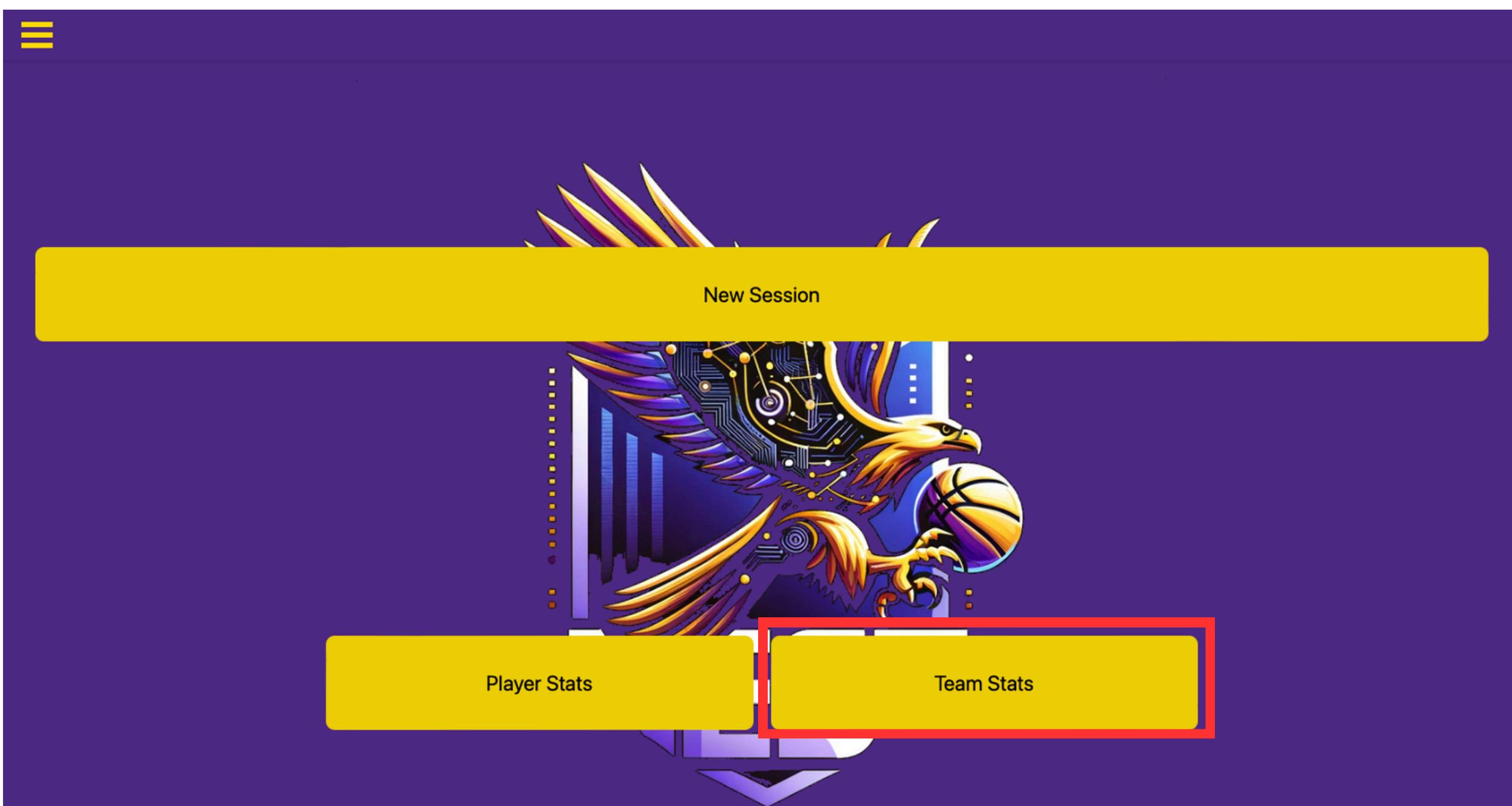


To change the practice session, select “Practice”

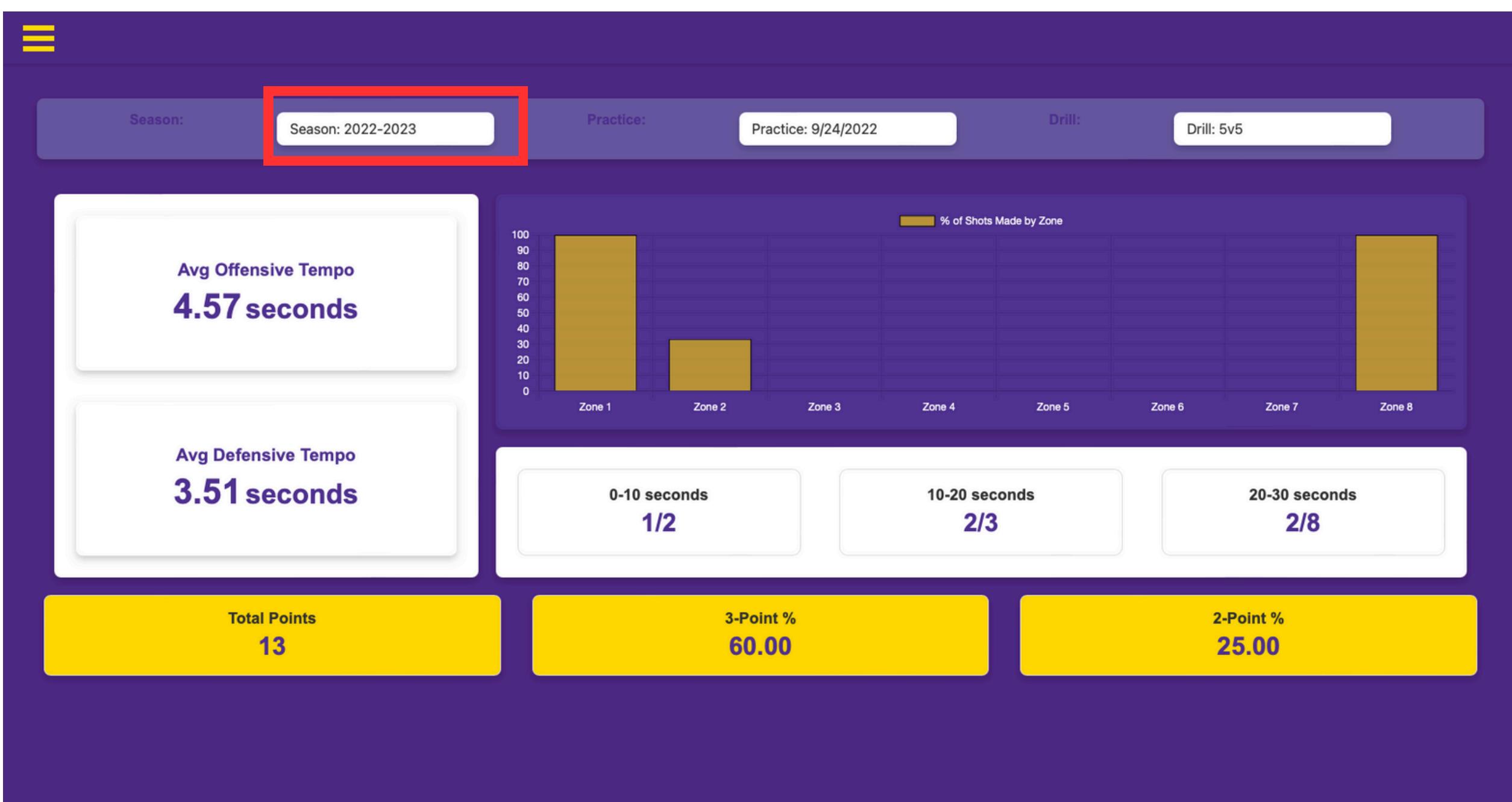


To change the drill, select “Drill”

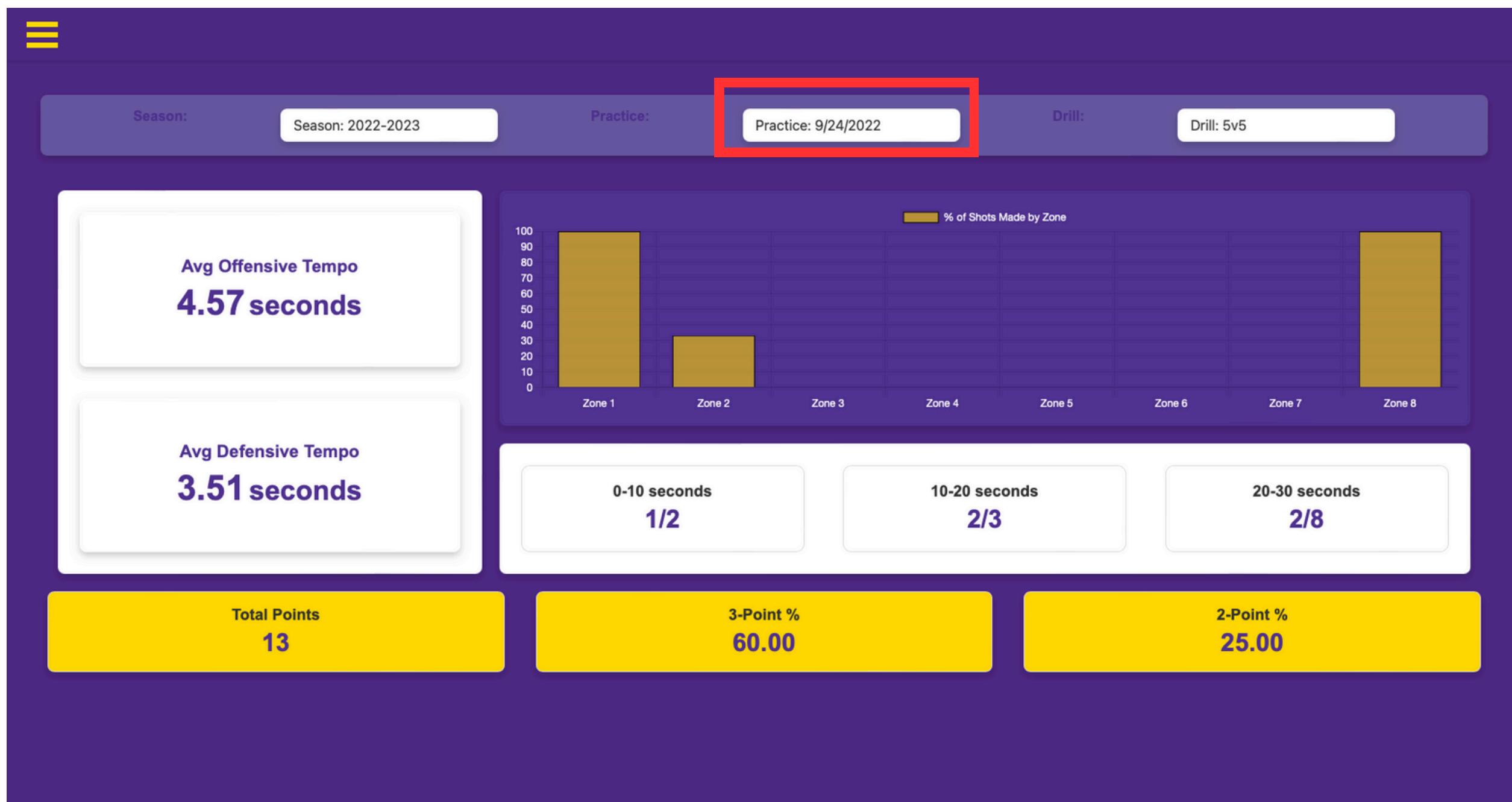
# Team Stats



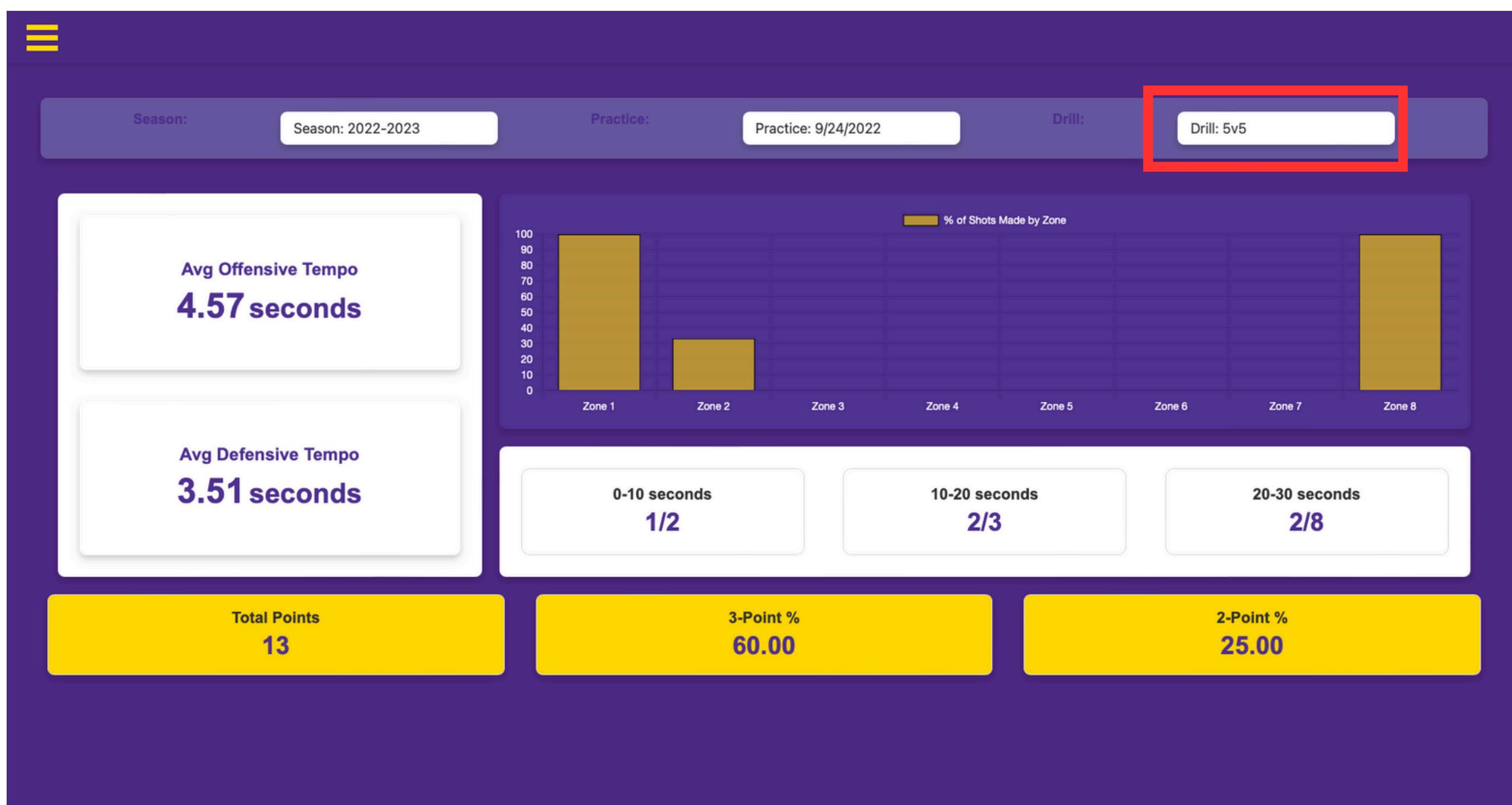
From the home page, select “Team Stats”



To change the season, select “Season”

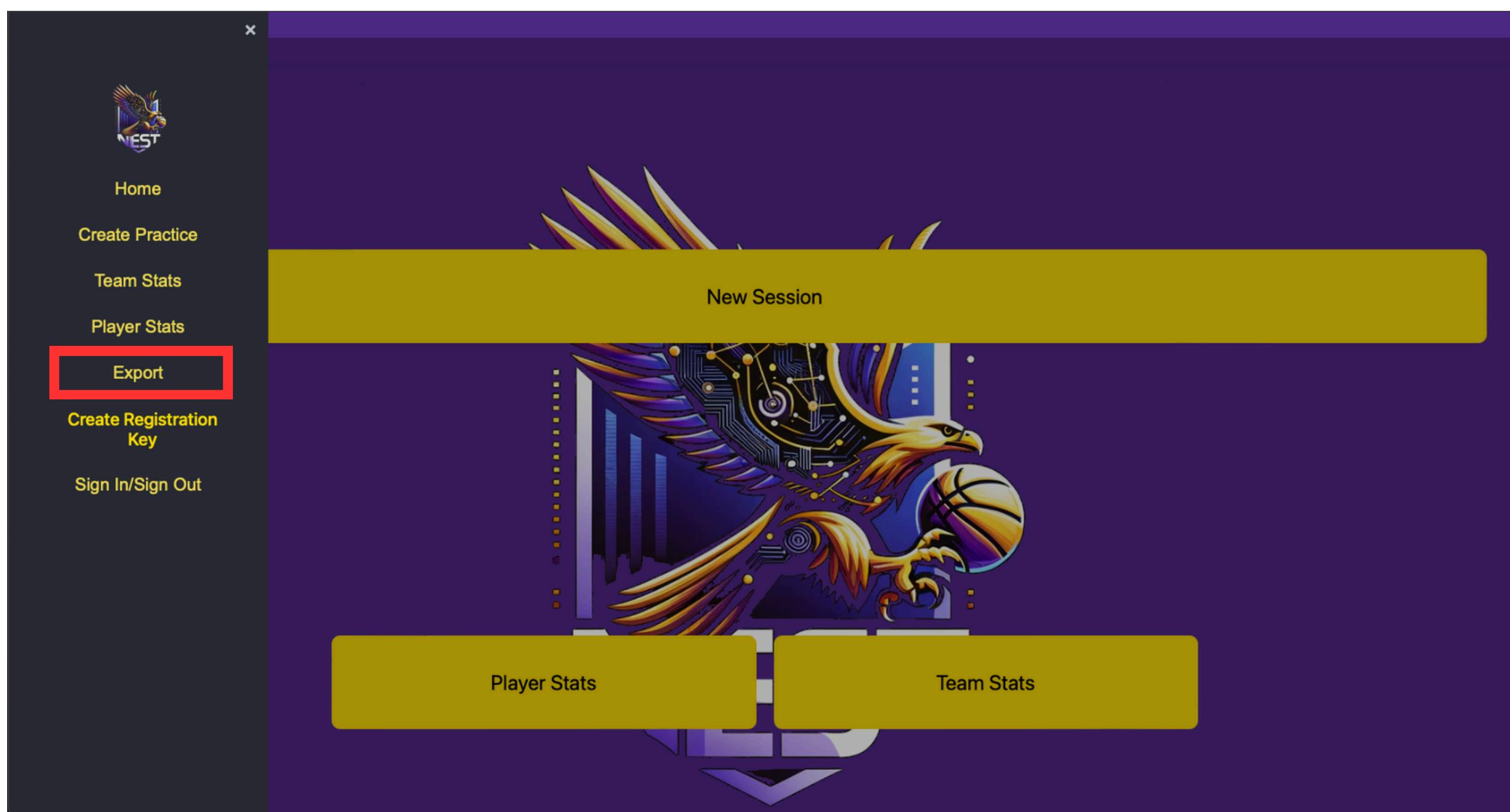


To change the practice session, select “Practice”

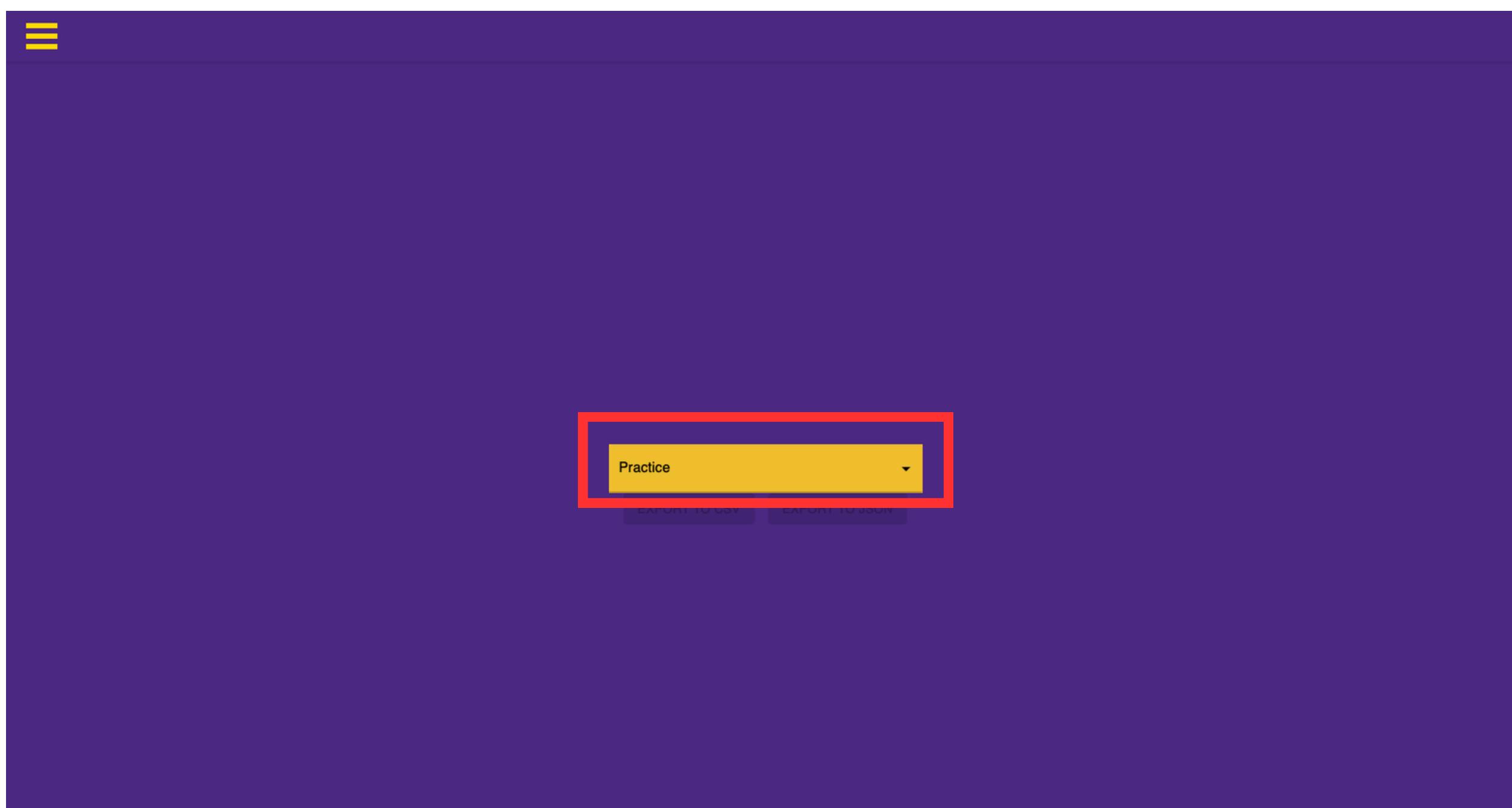


To change the drill, select “Drill”

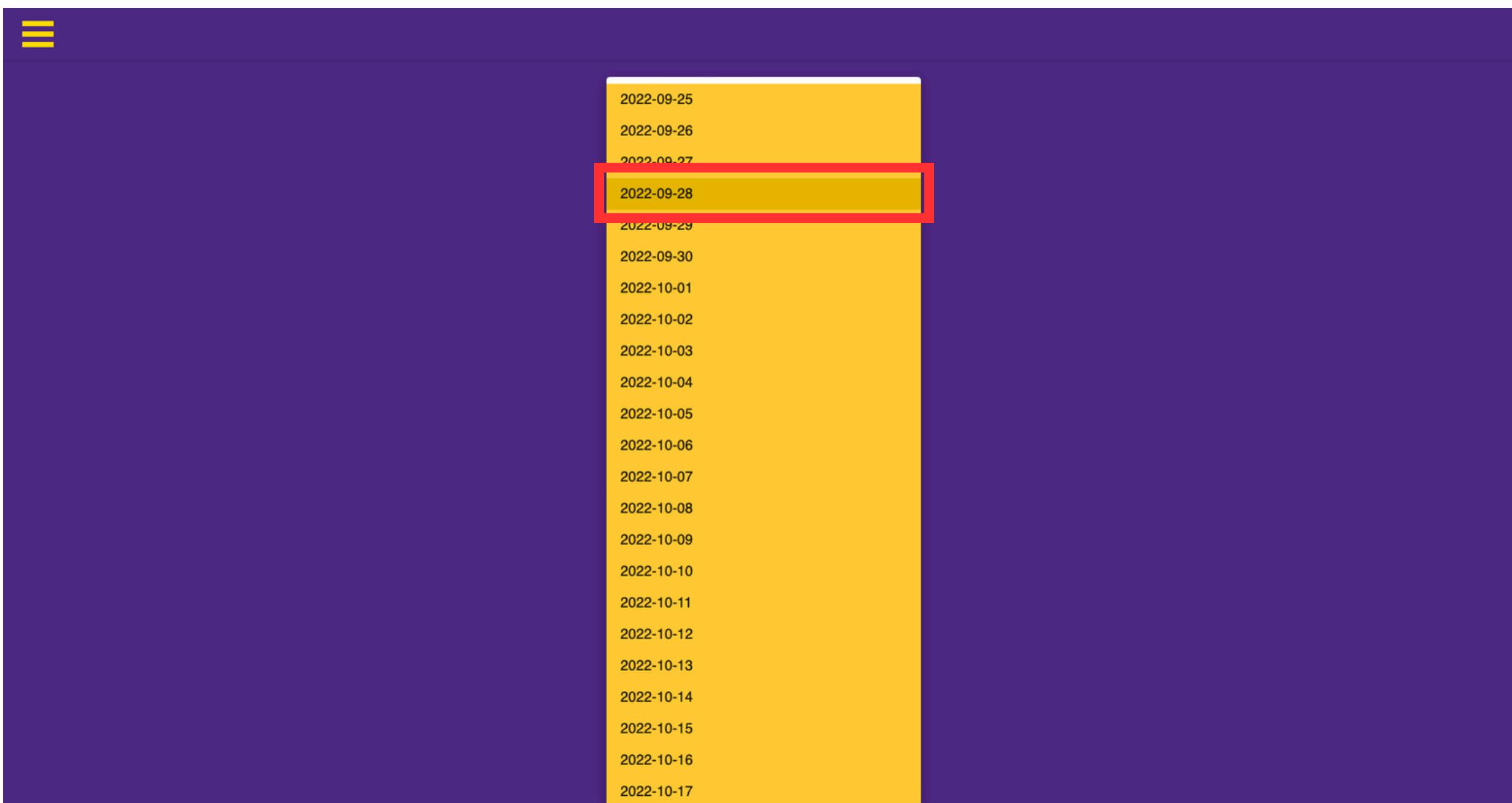
# Exporting



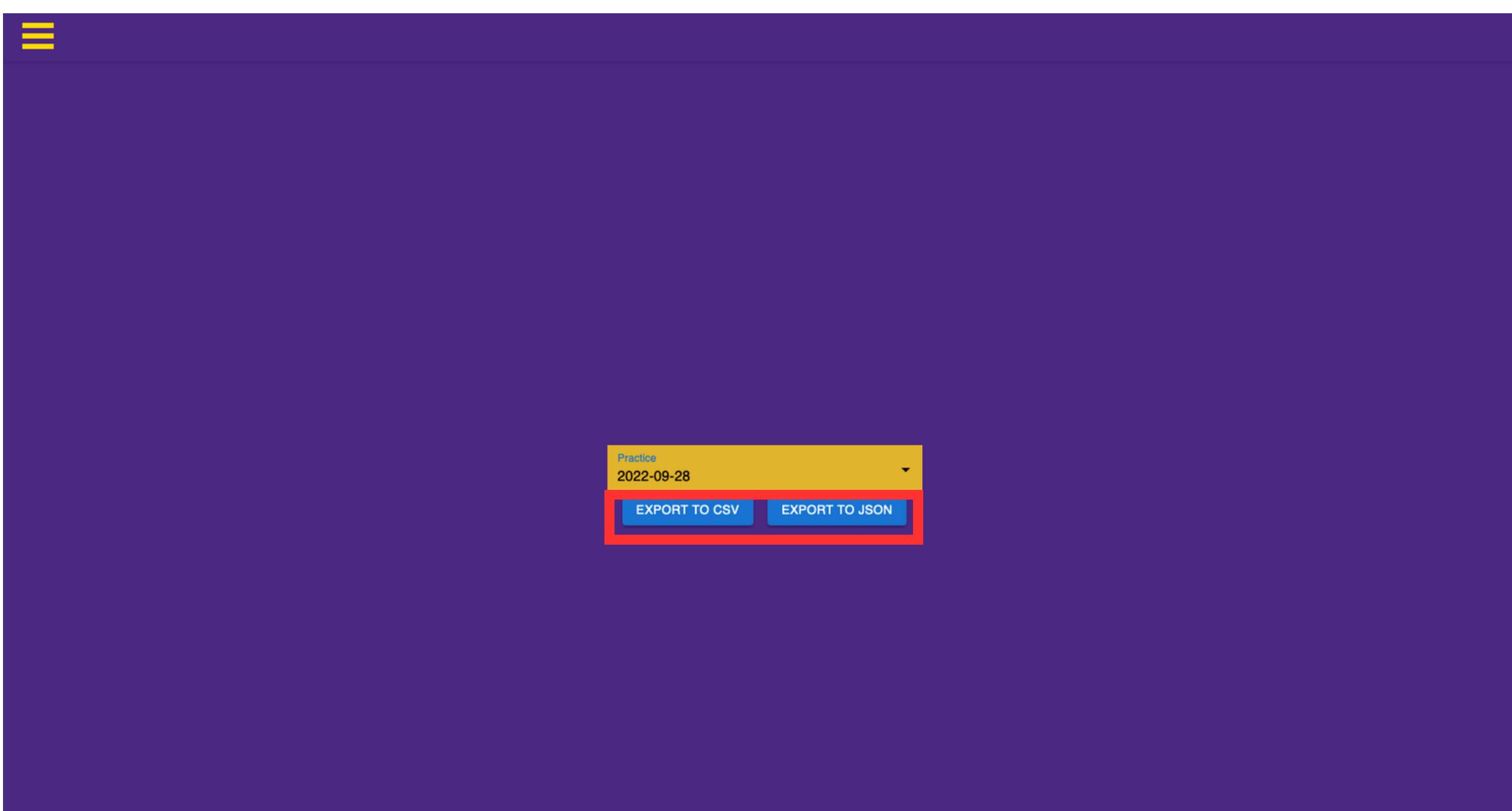
Select “Export” from the hamburger menu



Select the dropdown menu to choose a session



Select the session you want to export



Select how you would like to export the data

This web application was created by the nEST Development team for the Fall 2023 and Spring 2024 semesters of CSC 4615/4620-001 under the advisement of Dr. Eberle.

The nEST Development Team consists of Kyle Hermansky, Brandon Parton, Matthew Sims, Katherine Spann, Kenneth VanGemert, and Dylan Varney under client advisement from Dr. Gannod