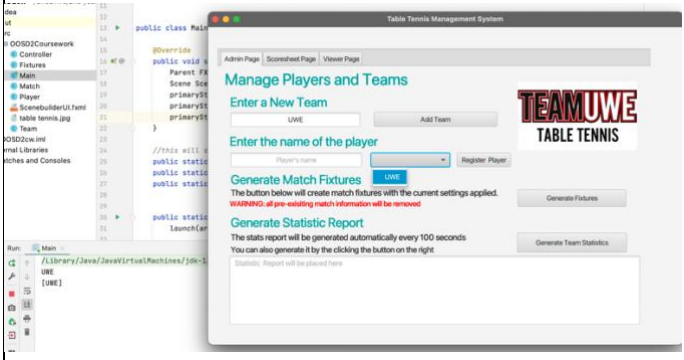
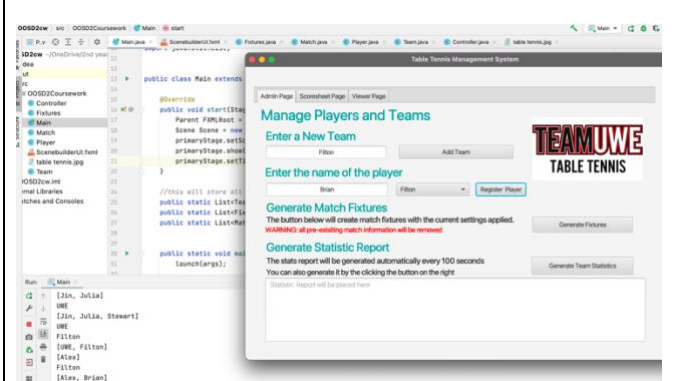


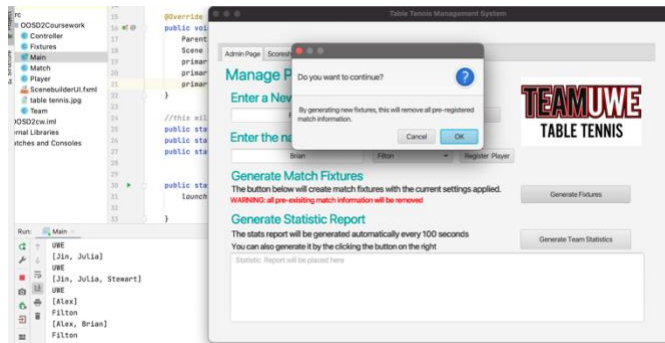
Test plan

Test case	Expected result	Actual result
1. Add a new team	A new team is added by the user when they click the add team button, for example, "UWE".	<p>This result shows that when the user enters the name, the system will save that information (this will be saved on the output/system as shown) and the team will be placed on the drop-down box when the user enters a player to the team.</p> 
2. Add a new player to a team	A user adds a new player to the team or an existing team from the drop-down box that has been pre-entered by the team that was used from test case 1.	<p>The image below shows when the user enters the name of the player. It will be saved in the output/system as shown below. Here we have names for example Alex and Brian in Filton. Jin, Julia and Stewart in UWE. All of it will be put in a list when the user inputs a player name and saved it to the system.</p> 

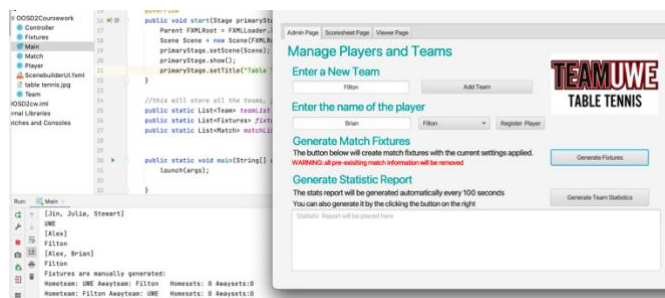
3. Generate Fixtures

The user should click the generate fixtures button and then the user should click on "view fixtures and result chart" and the fixture should be shown when clicked and a pop up will be shown.

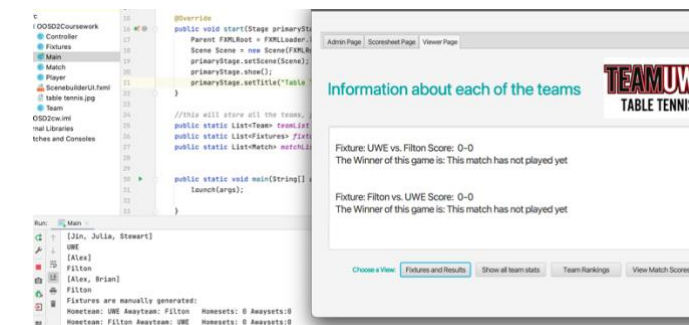
In these test results, the user generates a fixture when the user clicks the "generate fixtures" button, a pop window tells the users if they want to continue.

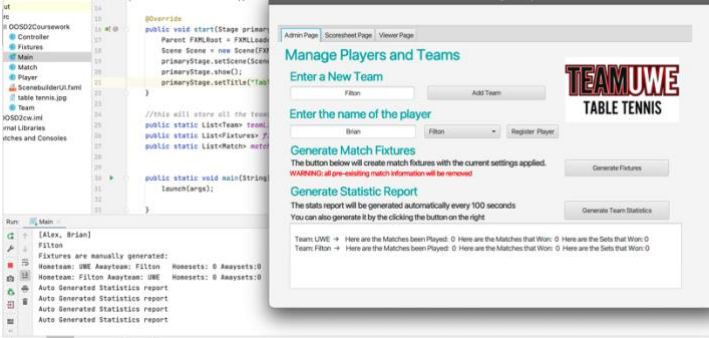
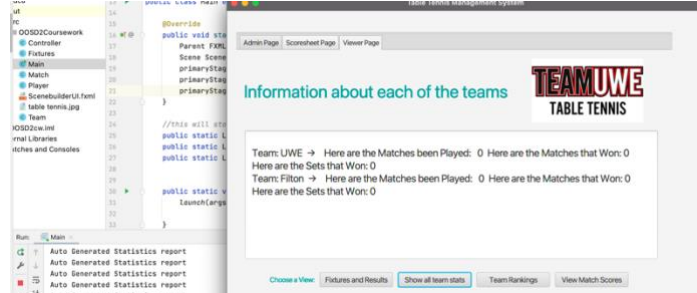
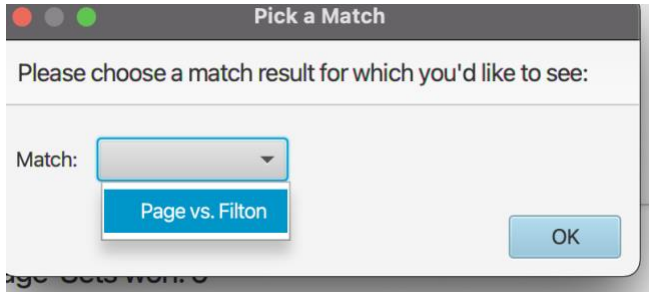


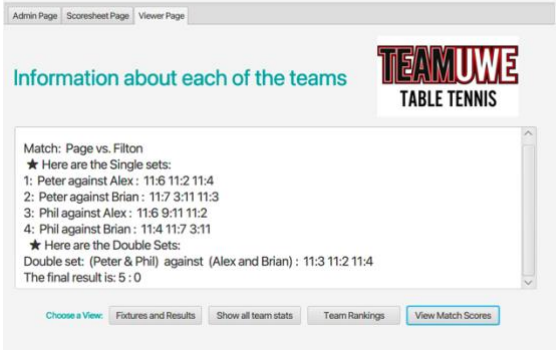
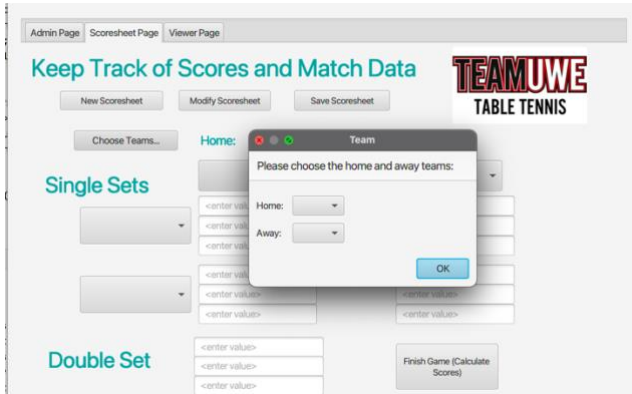
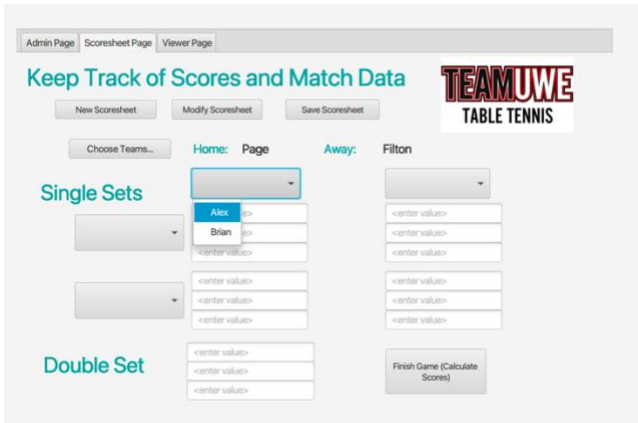
In this image, the fixtures, have been generated and saved in the system/output.

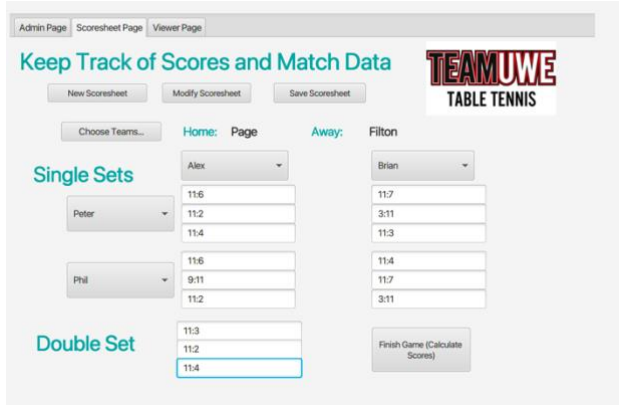
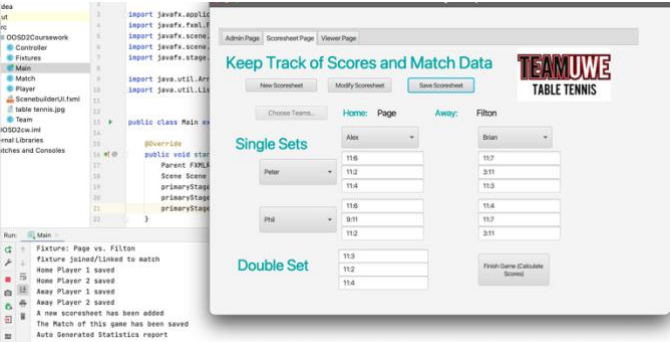
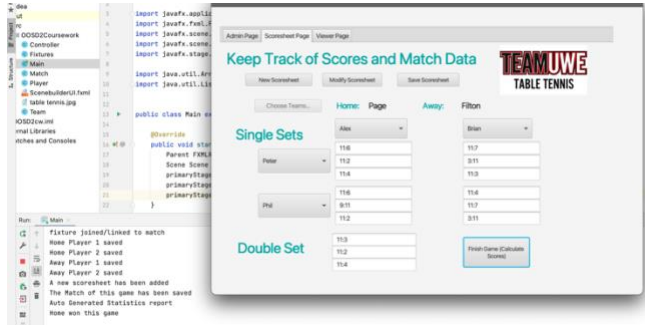


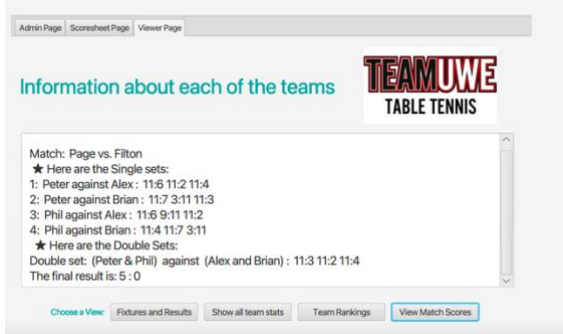
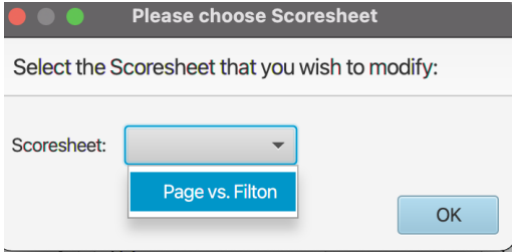
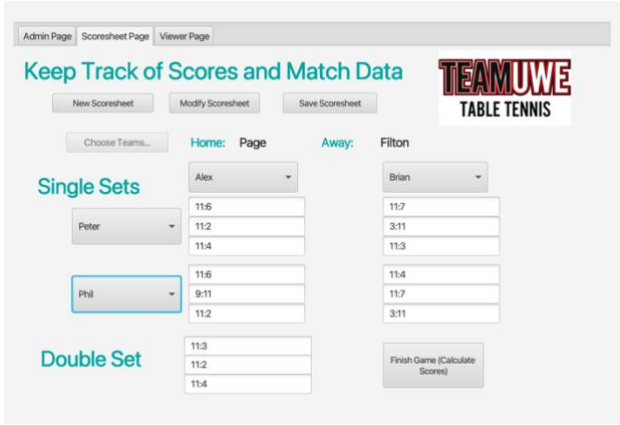
The expected result of the pop up has not been fully met although the information is still shown. In this image, Since the match has not been played yet, the user when they click fixtures and result button will be shown and the results will be in that text area, this will be updated once a match has been played and the update on admin page will be automatically generated when a match has been played.



<p>4. Show all team statistics</p>	<p>User clicks the show all team stats button and it will display all the team stats in the text area on the viewer page.</p>	<p>In these results, the team statistics can be generated if the user presses the “generate team statistics” button and will display the teams in the text area field below. The text area will be updated every 100 seconds. The output/system will tell you that that the report has been automatically been updated.</p>  <p>As expected, these results of “show all team stats” is shown on the viewer page when the user presses the</p>  <p>button.</p>
<p>5. View a match</p>	<p>Information is displayed in the text area on the viewer page when they enter the home team and away team. If the match is not played a display message will be shown.</p>	<p>When the user presses the “view match scores” button. A pop up will be displayed like the image shown. A drop down will show the match result of the following teams.</p>  <p>When the user presses the team that they would like to view. The following information will be shown for that match.</p>

		
6. Enter new scores	<p>All registered teams should be in the team dropdown boxes. Players from the right team should be listed in each player drop-down box when the user clicks the "New sheet" button in the "score sheet" tab. They should select a home team and an away team from the drop-down boxes from the pop-up screen first.</p>	<p>As the image is shown, the user clicks the new scoresheet and press the "choose teams" (UPDATE: this is now called "pick teams" for my final project, shown in the short demo video) button and chooses/picks a team. A display message will show which team that the user wants the team as 'home' 'away'.</p>  <p>In this picture, the user has now chosen the home team and away team and picks the player as shown below.</p>  <p>The user then adds the scores of each set on each player as shown below.</p>

		
7. Calculate and submit scores	When the user clicks the "calculate and submit scores" button. The final score will be displayed in the text field at the bottom corner.	<p>The user will first need to save the scoresheet, this will prompt them that the scoresheet has been saved as shown. The output/system will say it is saved and a new scoresheet has been created. This process is used when creating another Scoresheet.</p>  <p>When the user, presses the "calculate Scores" button, the output/system as shown below will display whether the home/away team has won that game.</p>  <p>The expected result has still been met, although the final score is not shown on the bottom right corner, this has been placed on the viewer page on match scores.</p> <p>The final result is shown at the bottom as shown in the image below.</p>

		
<p>8. Modify an existing score sheet.</p>	<p>User clicks the “modify sheet” button in the “score sheet” tab and the system will prompt them for a home team and away team name. User will be allowed to change the scores when the system brings up the score sheet. When finished they click the calculate and submit scores button and the scoresheet will be modified.</p>	<p>This result has been up and down, sometimes it works, sometimes, it doesn't. There are a few problems that were encountered, and the images below show the steps of what I have done.</p> <p>In this image when the user clicks the “modify scoresheet” button a pop-up message will be displayed. This is shown in the image below.</p>  <p>The scoresheet of the match will be displayed.</p>  <p>This is a modify scoresheet, from the previous image.</p>

Admin Page | Scoresheet Page | Viewer Page

Keep Track of Scores and Match Data

TEAMUWE TABLE TENNIS

New Scoresheet | Modify Scoresheet | Save Scoresheet

Choose Teams... Home: Page Away: Filton

Single Sets

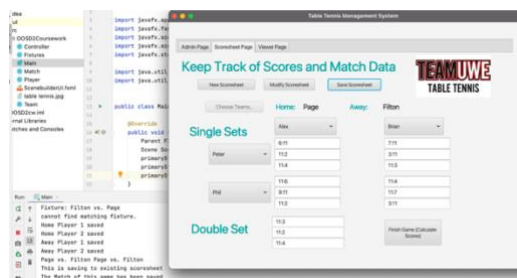
Player	Home	Away
Alex	6:11	7:11
Peter	11:2	3:11
	11:4	11:3
Phil	11:6	11:4
	9:11	11:7
	11:2	3:11

Double Set

11:3
11:2
11:4

Finish Game (Calculate Scores)

The image below shows that the existing scoresheet has been updated and saved, the output/system will say.



Here is an image, of the final result previously.

Admin Page | Scoresheet Page | Viewer Page

Information about each of the teams

TEAMUWE TABLE TENNIS

Match: Page vs. Filton

★ Here are the Single sets:

- 1: Peter against Alex : 11:6 11:2 11:4
- 2: Peter against Brian : 11:7 3:11 11:3
- 3: Phil against Alex : 11:6 9:11 11:2
- 4: Phil against Brian : 11:4 11:7 3:11

★ Here are the Double Sets:

Double set: (Peter & Phil) against (Alex and Brian) : 11:3 11:2 11:4

The final result is: 5 : 0

Choose a View: Fixtures and Results | Show all team stats | Team Rankings | View Match Scores

Here is the modified result from the scoresheet and the modified result when the user clicks the “view match scores” button again and then presses the match they want. As the box is highlighted, this shows that the score has been modified and the final result has also been changed.

Admin Page | Scoresheet Page | Viewer Page

Information about each of the teams

TEAMUWE TABLE TENNIS

Match: Page vs. Filton

★ Here are the Single sets:

- 1: Peter against Alex : 6:11 11:2 11:4
- 2: Peter against Brian : 7:11 11:11 11:3
- 3: Phil against Alex : 11:6 9:11 11:2
- 4: Phil against Brian : 11:4 11:7 3:11

★ Here are the Double Sets:

Double set: (Peter & Phil) against (Alex and Brian) : 11:3 11:2 11:4

The final result is: 4 : 1

Choose a View: Fixtures and Results | Show all team stats | Team Rankings | View Match Scores

In this picture, one of the problems that I encountered was that we see that the 4:1 in the above picture is added when modified, this is because the sets won has not been reset and this is one of the issues when running the program.

Match: Page vs. Filton
★ Here are the Single sets:
1: Peter against Alex : 6:11 11:2 11:4
2: Peter against Brian : 7:11 3:11 11:3
3: Phil against Alex : 11:6 9:11 11:2
4: Phil against Brian : 11:4 11:7 3:11
★ Here are the Double Sets:
Double set: (Peter & Phil) against (Alex and Brian) : 11:3 11:2 11:4
The final result is: 9 : 1

Another problem is that sometimes when the user creates another scoresheet with different teams and wants to modify another team after he created that scoresheet. The modified scoresheet that the user entered may transfer to the one that just been made when clicked saved, the sets may change or/and the final result has been changed.

So here we got an example of Page vs Filton

Admin Page Scoresheet Page Viewer Page

Keep Track of Scores and Match Data

TEAMUWE TABLE TENNIS

New Scoresheet Modify Scoresheet Save Scoresheet

Choose Teams...

Home: Page Away: Filton

Single Sets

Alex Brian

Peter 11:6 11:2 11:4 11:7 3:11 11:3

Phil 11:6 9:11 11:2 11:4 11:7 3:11

Double Set

11:3 11:2 11:4

Finish Game (Calculate Scores)

And here is the result when pressed view match scores.

Admin Page Scoresheet Page Viewer Page

Information about each of the teams

TEAMUWE TABLE TENNIS

Match: Page vs. Filton

★ Here are the Single sets:

1: Peter against Alex : 11:6 11:2 11:4

2: Peter against Brian : 11:7 3:11 11:3

3: Phil against Alex : 11:6 9:11 11:2

4: Phil against Brian : 11:4 11:7 3:11

★ Here are the Double Sets:

Double set: (Peter & Phil) against (Alex and Brian) : 11:3 11:2 11:4

The final result is: 5 : 0

Choose a View: Fixtures and Results Show all team stats Team Rankings View Match Scores

So here, we have another scoresheet, UWE vs Page.

Then when I modify the Uwe vs page from the flow as I said at the start. The result of this should be 2:3 as said on the specification when modified.

Admin Page

Scoresheet Page

Viewer Page

Keep Track of Scores and Match Data

New Scoresheet

Modify Scoresheet

Save Scoresheet

Choose Teams...

Home: UWE

Away: Page

Single Sets

Jin

Peter

Phil

2:11

1:11

3:11

5:11

11:5

11:6

Admin Page

Scoresheet Page

Viewer Page

Keep Track of Scores and Match Data

New Scoresheet

Modify Scoresheet

Save Scoresheet

Choose Teams...

Home: UWE

Away: Page

Single Sets

Jin

Peter

Phil

11:2

11:1

3:11

5:11

11:5

11:6

11:9

11:1

11:1

11:6

Double Set

0:11

1:11

2:11

Finish Game (Calculate Scores)

As you can see, the final result from the previous scoresheet Filton vs Page has been updated to UWE vs Page score. This was one of the problems I encountered.

Admin Page

Scoresheet Page

Viewer Page

Information about each of the teams

TEAMUWE
TABLE TENNIS

Match: UWE vs. Page

★ Here are the Single sets:

1: Jin against Peter : 11:6 11:2 11:4

2: Jin against Phil : 11:7 3:11 11:3

3: Julia against Peter : 11:6 9:11 11:2

4: Julia against Phil : 11:4 11:7 3:11

★ Here are the Double Sets:

Double set: (Jin & Julia) against (Peter and Phil) : 11:3 11:2 11:4

The final result is: 7 : 3

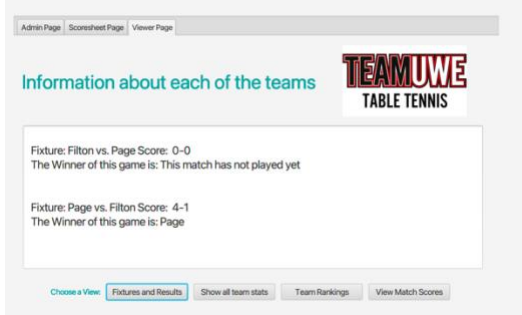
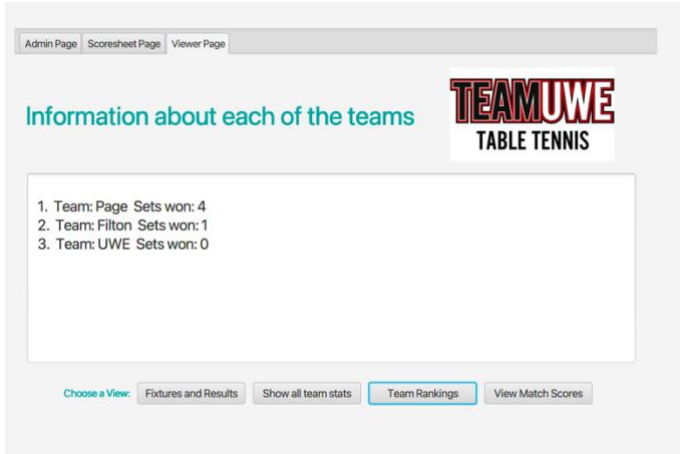
Choose a View:

Fixtures and Results

Show all team stats

Team Rankings

View Match Scores

<p>9. View fixtures and result chart</p>	<p>User clicks on the "view fixtures and result chart" button and a result chart will be displayed.</p>	<p>This image shows from the previous test case 8, that when the user presses the view fixtures and result button. All of the matches that have been played are displayed in the text area. Although one of the problems was the information in the image below saying this match has not been played yet. This is because Filton is the 'Home' team and Page is the 'Away' team. On the 2nd one, this result was placed from the previous test cases and that is the result.</p> 
<p>10. Show team rankings.</p>	<p>Should display the team in order of the number of sets won. Team stats need to be generated, from the "generate team stats" button in the Admin tab or the user can wait for the reporting timer thread to generate it automatically.</p>	<p>This test case has slightly been met; the team rankings are what we expected in order of the number of sets won is and this is displayed on the view page. Although it does not say the matches played.</p>  <p>However, if they want to see how many matches are played. This is shown in test case 4. The team stats have been generated on the admin page and can be viewed on the show all team stats when the user presses that button. As well the reporting time thread will be automatically generated every 100 seconds as stated in test case 4.</p> <p>The images below show that the fixtures have been automatically updated for the admin page, from the previous test cases that I did. The team statistics have also been updated for the viewer to see when pressed.</p>

Admin Page

Scoresheet Page

Viewer Page

Manage Players and Teams

Enter a New Team

UWE

Add Team

TEAMUWE
TABLE TENNIS

Enter the name of the player

Stewart

UWE

Register Player

Generate Match Fixtures

The button below will create match fixtures with the current settings applied.

WARNING: all pre-existing match information will be removed

Generate Fixtures

Generate Statistic Report

The stats report will be generated automatically every 100 seconds

You can also generate it by the clicking the button on the right

Generate Team Statistics

Team: Page → Here are the Matches been Played: 1 Here are the Matches that Won: 1 Here are the Sets that Won: 4

Team: Filton → Here are the Matches been Played: 1 Here are the Matches that Won: 0 Here are the Sets that Won: 1

Team: UWE → Here are the Matches been Played: 0 Here are the Matches that Won: 0 Here are the Sets that Won: 0

Admin Page

Scoresheet Page

Viewer Page

Information about each of the teams

TEAMUWE
TABLE TENNIS

Team: Page → Here are the Matches been Played: 1 Here are the Matches that Won: 1 Here are the Sets that Won: 4

Team: Filton → Here are the Matches been Played: 1 Here are the Matches that Won: 0 Here are the Sets that Won: 1

Team: UWE → Here are the Matches been Played: 0 Here are the Matches that Won: 0 Here are the Sets that Won: 0

Choose a View:

Fixtures and Results

Show all team stats

Team Rankings

View Match Scores