## Test Plan Synthesis Assignment Semester 2

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## **Test Cases**

| ID  | FR  | UC  | Name       | Pre-condition | Test Data        | Expected Result  |
|-----|-----|-----|------------|---------------|------------------|------------------|
| TC- | FR- | UC- | Create     | Staff member  | Username: Staff1 | A new tournament |
| 01  | 01  | 01  | Tournament | must be       | Password: 12345  | is created and   |
|     |     |     |            | logged in the |                  | saved in the     |
|     |     |     |            | WinForms      |                  | database.        |
|     |     |     |            | application.  |                  |                  |
| TC- | FR- | UC- | Update     | 1.Staff       | Username: Staff1 | The desired      |
| 02  | 01  | 02  | Tournament | member must   | Password: 12345  | tournament gets  |
|     |     |     |            | be logged in  |                  | updated.         |
|     |     |     |            | the WinForms  |                  |                  |
|     |     |     |            | application.  |                  |                  |
|     |     |     |            | 2. Select a   |                  |                  |
|     |     |     |            | tournament to |                  |                  |
|     |     |     |            | update.       |                  |                  |
| TC- | FR- | UC- | Delete     | 1.Staff       | Username: Staff1 | The desired      |
| 03  | 01  | 03  | Tournament | member must   | Password: 12345  | tournament gets  |
|     |     |     |            | be logged in  |                  | deleted.         |
|     |     |     |            | the WinForms  |                  |                  |
|     |     |     |            | application.  |                  |                  |
|     |     |     |            | 2. Select a   |                  |                  |
|     |     |     |            | tournament to |                  |                  |
|     |     |     |            | delete.       |                  |                  |
| TC- | FR- | UC- | View       | 1.Staff       | Username: Staff1 | The              |
| 04  | 01  | 04  | Tournament | member must   | Password: 12345  | View_Tournament  |
|     |     |     |            | be logged in  |                  | form opens with  |
|     |     |     |            | the WinForms  |                  | details for the  |
|     |     |     |            | application.  |                  | desired          |
|     |     |     |            | 2. Select a   |                  | tournament.      |
|     |     |     |            | tournament to |                  |                  |
|     |     |     |            | view.         |                  |                  |

| TC- | FR-       | UC- | Register       | None.                    | None.            | Player account       |
|-----|-----------|-----|----------------|--------------------------|------------------|----------------------|
| 05  | 02        | 01  | Player(account | T (OIIC.                 | T (OIIC.         | gets created and     |
|     |           |     | creation)      |                          |                  | saved in the         |
|     |           |     | Creation)      |                          |                  | database.            |
| TC- | FR-       | UC- | Register       | Player must              | Email:           | Player gets added    |
| 06  | 02        | 02  | Player for     | have a                   | test1@gmail.com  | to the list of       |
| 00  | 02        | 02  | tournament     | registered               | Pwd: 123         | participants for the |
|     |           |     | tournament     | account in the           | 1 wu. 123        | desired              |
|     |           |     |                | website.                 |                  | tournament.          |
| TC- | FR-       | UC- | Exit           | Player must              | Email:           | Player gets          |
| 07  | 02        | 03  | Tournament     | be registered            | test@gmail.com   | removed from the     |
| 07  | 02        | 03  | Tournament     | for that                 | Pwd: 123         | list of participants |
|     |           |     |                |                          | r wu. 123        | for the desired      |
|     |           |     |                | particular<br>tournament |                  | tournament.          |
| TC- | FR-       | UC- | Generate       | Staff member             | Username: Staff1 | Tournament           |
| 08  | 03        | 01  | Tournament     | must be                  | Pwd: 12345       | schedule gets        |
| 08  | 03        | 01  | Schedule       |                          | r wu. 12343      | created based on     |
|     |           |     | Schedule       | logged in the WinForms   |                  |                      |
|     |           |     |                | ,,                       |                  | the playing          |
|     |           |     |                | application. Selected    |                  | system(Round-        |
|     |           |     |                |                          |                  | Robin). If the       |
|     |           |     |                | tournament               |                  | number of players    |
|     |           |     |                | must have less           |                  | registered is odd,   |
|     |           |     |                | than max                 |                  | x amount of          |
|     |           |     |                | players                  |                  | players will have a  |
|     |           |     |                | registered and           |                  | bye.                 |
|     |           |     |                | start date               |                  |                      |
|     |           |     |                | needs to be              |                  |                      |
|     |           |     |                | later than               |                  |                      |
| тс  | ED        | IIC | Dagistan       | present date.            | Hanners Ct-ff1   | The games agts       |
| TC- | FR-<br>04 | UC- | Register       | Staff member must be     | Username: Staff1 | The game gets        |
| 09  | 04        | 01  | results of a   |                          | Pwd:12345        | scored based on      |
|     |           |     | game           | logged in the WinForms   |                  | the selected sport   |
|     |           |     |                |                          |                  | type.                |
|     |           |     |                | application.             |                  |                      |
|     |           |     |                | Tournament               |                  |                      |
|     |           |     |                | schedule must            |                  |                      |
| тС  | ED        | IIC | Chovy magy-14a | be generated.            | Emaile           | Como reculta care    |
| TC- | FR-       | UC- | Show results   | Player must              | Email:           | Game results are     |
| 10  | 05        | 01  | of a           | be logged in             | test1@gmail.com  | displayed in a       |
|     |           |     | tournament     | the website.             | Pwd: 123         | table along with     |

| TC-<br>11 | FR-<br>07 | UC-<br>01 | Support<br>multiple sport<br>types | All games of the tournament must be scored. Staff member must be logged in the WinForms application. | Username: Staff1<br>Pwd:12345 | bronze, silver and gold medals for the players with the highest wins in descending order.  A new tournament with the appropriate sport type and scoring system is created   |
|-----------|-----------|-----------|------------------------------------|--|-------------------------------|---|
| TC-<br>12 | FR-<br>10 | UC-<br>01 | Generate<br>Player Profile         | Player must be logged in   | Email: test1@gmail.com        | and saved to the database.  An overview of the player's   |
|           |           |           |                                    | the website. Player must be on the Profile page.   | Pwd: 123                      | personal details<br>and their wins, as<br>well as the<br>tournaments they<br>have played in and<br>their scores are all<br>displayed.   |
| TC-<br>13 | FR-<br>12 | UC-<br>01 | Handle Ties                        | All games of the tournament must be scored.  | None.                         | Upon tournament completion(i.e all games have been scored), any players that have an identical amount of wins are tie-handled. This handling is based upon afirst-come first-served basis, where the player who won their games earlier in the tournament will take precedent over the latter player. |