Test Plan Synthesis Assignment

Table of Contents

[1. Test cases for UC-1 2](#_Toc105807476)

[2. Test cases for UC-2 3](#_Toc105807477)

[3. Test cases for UC-3 4](#_Toc105807478)

[4. Test cases for UC-4 7](#_Toc105807479)

[5. Test cases for UC-5 8](#_Toc105807480)

[6. Test cases for UC-6 9](#_Toc105807481)

# Test cases for US-1,2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | US | Name | Pre- condition | Test Data | Expected Result |
| TC-1 | US -1,2 | Log in with correct credentials | Web Application is started | Email:  ga  @abv.bg  Password: 1234 | Confirmation of successful log in and Redirect To Home Page |
| TC-2 | US -1,2 | Log in with wrong credentials | Web Application is started | Email:  ga  @abv  Password: 1234 | System prompts that the input credentials are wrong |
| TC-3 | US -1,2 | Log in by entering only username | Web Application is started | Email: gzhizgov@abv.bg | System prompts that there is no password entered, which is required |
| TC-4 | US -1,2 | Log in by entering only password | Desktop Application is started | Password: 1234 | System prompts that there is no email entered, which is required |

# Test cases for US -3

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | US | Name | Pre- Condition | Test Data | Expected result |
| TC-5 | US -3 | Register successfully | Web App  Should be loaded | Use your personal  Information to register | Redirect To Log In Page |
| TC-6 | US -3 | Register with already existing data | Web App should be loaded | Enter the same data as in the registration before(enter the same email) | The system prompts that the registration failed |
| TC-7 | US -3 | Register with missing data | Web App should be loaded | Enter all the data except one or two or more details | The system prompts that there is missing important information |

# Test cases for US -4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | US | Name | Pre- Condition | Test Data | Expected result |
| TC-8 | US -4 | Add a tournament  Successfully | Desktop app should be loaded | Tournament name: Super Badminton Cup  Description: national badminton cup for seniors and seniors u23  Start date: 08/08/22  End date: 10/08/22  Min. competitors: 2  Max. competitors: 10  Adress: street 1  Tournament System: RoundRobin | The system prompts that the tournament was successfully created. |
| TC-9 | US -4 | Add a tournament  With the same location and start | Desktop app should be loaded | Tournament name: Badminton Euro  Description: euro badminton championshipfor seniors  Start date: 08/08/22  End date: 10/08/22  Min. competitors: 2  Max. competitors: 10  Adress: street 1  Tournament System: RoundRobin | The system prompts that there is already existing such a tournament |
| TC-10 | US -4 | Add a tournament  With missing information | Desktop app should be loaded | Tournament name: Badminton Euro  Description: euro badminton championshipfor seniors  Start date: 08/08/22  End date: 10/08/22  Min. competitors:  Max. competitors: 10  Adress: street 1  Tournament System: RoundRobin | The system prompts that there is missing required information |
| TC-11 | US -4 | Add a tournament  With no data | Desktop app should be loaded |  | The system prompts that there is missing required information |
| TC-12 | US -4 | Add a tournament with minimum less than 2 | Desktop app should be loaded | Tournament name: Badminton Euro  Description: euro badminton championship for seniors  Start date: 08/08/22  End date: 10/08/22  Min. competitors: -1  Max. competitors: 10  Adress: street 1  Tournament System: RoundRobin | The system prompts that the minimum cannot be less than 2 |
| TC-13 | US -4 | Add a tournament with negative number for min. or max.  participants | Desktop app should be loaded | Tournament name: Badminton Euro  Description: euro badminton championship for seniors  Start date: 08/08/22  End date: 10/08/22  Min. competitors: --2  Max. competitors: 10  Adress: street 1  Tournament System: RoundRobin | The system prompts that the minimum cannot be less than 2 |
| TC-14 | US -4 | Add a tournament with maximum number smaller than the minimum. | Desktop app should be loaded | Tournament name: Badminton Euro  Description: euro badminton championship for seniors  Start date: 08/08/22  End date: 10/08/22  Min. competitors: 4  Max. competitors: 2  Adress: street 1  Tournament System: RoundRobin | The system prompts that max cannot be less than min. |
| TC-15 | US -4 | Add a tournament with start date sooner than 2 weeks from now | Desktop app should be loaded |  | The system prompts that start date cannot be earlier than two weeks |
| TC-16 | US -4 | Add a tournament with end date earlier than the start date | Desktop app should be loaded |  | The system prompts that the end date cannot be earlier than start date |

# Test cases for US -4

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | US | Name | Pre- Condition | Test Data | Expected result |
| TC-17 | US -4 | Cancel a tournament successfully | Desktop app should be loaded | Select an tournament from the list box | The system prompts that the tournament was successfully cancelled |
| TC-18 | US -4 | Cancel a tournament  Without selecting one | Desktop app should be loaded | No data | The system prompts that no tournament has been selected |

# Test cases for US -5

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | US | Name | Pre- Condition | Test Data | Expected result |
| TC-19 | US -5 | Update tournament successfully | Desktop app should be loaded | Select an tournament from the list box | The system prompts that the tournament was successfully updated |
| TC-20 | US -5 | Update tournament  Without selecting one | Desktop app should be loaded | No data | The system prompts that no tournament has been selected |

# Test cases for US -6

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | US | Name | Pre- Condition | Test Data | Expected result |
| TC-21 | US -6 | Create schedule successfully | Desktop app should be loaded, tournament’s status should be over date and the count of the minimum competitors should be covered | Select an tournament from the list box | The system prompts that tournament’s schedule has been successfully created |
| TC-22 | US -6 | Create schedule of a schedule with already existing schedule | Desktop app should be loaded, tournament’s status should be scheduled | Select an tournament from the list box | The system displays the rounds and the matches |
| TC-23 | US -6 | Create schedule of a schedule which is Cancelled | Desktop app should be loaded, tournament’s status should be canceled | Select an tournament from the list box | The system displays the tournament is cancelled and there will be no matches |
| TC-24 | US -6 | Create schedule of a schedule which is upcoming | Desktop app should be loaded, tournament’s status should be umpcoming | Select an tournament from the list box | The system displays that it is too early to schedule the matches |

# Test cases for US -7

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | US | Name | Pre- Condition | Test Data | Expected result |
| TC-25 | US -7 | Set a score to a match successfully | Desktop app and tournament schedule should be loaded | Select a match from the list box  And enter 21:18 | The system prompts that match’s score has been successfully updated |
| TC-26 | US -7 | Set a score of a match with both parts bigger than 30 points | Desktop app should be loaded, tournament’s status should be scheduled | Select a match from the list box  And enter 32:33 | The system prompts that match’s score set is wrong |
| TC-27 | US -7 | Set a score of a match with both parts less than 21 points | Desktop app should be loaded, tournament’s status should be scheduled | Select a match from the list box  And enter 19:18 | The system prompts that match’s score set is wrong |
| TC-28 | US -7 | Set a score of a match with both parts more than 21 and less than 30 with more or less than 2 points of difference | Desktop app should be loaded, tournament’s status should be scheduled | Select a match from the list box  And enter 24:28 | The system prompts that match’s score set is wrong |
| TC-29 | US -7 | Set a score of a match with both parts more than 21 and less than 30 with 2 points difference | Desktop app should be loaded, tournament’s status should be scheduled | Select a match from the list box  And enter 24:26 | The system prompts that match’s score has been successfully updated |
| TC-30 | US -7 | Set a score with equal set of points, which are also more than 20 | Desktop app should be loaded, tournament’s status should be scheduled | Select a match from the list box  And enter 21:21 | The system prompts that there should be at least 2 points difference |