Test plan

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2022

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# Test cases

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| --- | --- | --- | --- | --- | --- |
| ID | UC | Name | Pre-condition | Test data | Expected result |
| TC-01 | UC-01 | Create a tournament | Actor needs to be in the desktop application | Description: Badminton tournament  Start date: 02.08.2022  End date: 11.08.2022  Location:  Sport centre  Minimum players: 8  Maximum players: 20  Sport type: Badminton  Tournament system: Round-robin | Conformation of successful creation of a tournament |
| TC-02 | UC-01 | Create a tournament with invalid data | Actor needs to be in the desktop application | Description: Badminton tournament  Start date: 02.08.2021  End date: 11.08.2021  Location:  Sport centre  Minimum players: 1  Maximum players: 1  Sport type: Badminton  Tournament system: Round-robin | Invalid data message is shown, and the creation of a new tournament is not successful |
| TC-03 | UC-02 | Registering for a tournament without an account | Actor needs to be in the web application | Name: Vanq  Email: [vanq@abv.bg](mailto:vanq@abv.bg)  Phone: +359 878281238  Password: 1234  Address: Marconilaan 57 | Confirmation of a successful registration for a tournament |
| TC-04 | UC-02 | Registering for a tournament with an account | Actor needs to be in the web application | Password: 1234  Email: [vanq@abv.bg](mailto:vanq@abv.bg) | Confirmation of a successful registration for a tournament |
| TC-05 | UC-02 | Registering for a tournament with invalid data | Actor needs to be in the web application | Name: Petq  Email: [petqabv.bg](mailto:vanq@abv.bg)  Phone: +359 878281238  Password: 1234  Address: Marconilaan 48 | Invalid data message is shown, and registering for the tournament is unsuccessful |
| TC-06 | UC-03 | Registering valid results of matches | Actor needs to be in the desktop application | Tournament/round/match: Scheduled tournament  Match results: 22 & 24 | Confirmation for successful registration of the results of the players |
| TC-07 | UC-03 | Registering invalid results of matches | Actor needs to be in the desktop application | Tournament/round/match: Scheduled tournament  Match results: 22 & 23 | Invalid data message is shown |
| TC-08 | UC-04 | Editing tournament information with valid data | Actor needs to be in the desktop application | Tournament: Not cancelled or finished  Start date: More than two weeks from now  End date: Date past the start date  Minimum number of players: More than two  Maximum number of players: More than or equal to the minimum  Other information: user’s choice | Confirmation for successful editing of the tournament data |
| TC-09 | UC-04 | Editing tournament information with invalid data | Actor needs to be in the desktop application | Tournament: Not cancelled or finished  Start date: 12.05.2021  End date: 11.04.2021  Minimum number of players: 1  Maximum number of players: 1  Other information: user’s choice | Invalid data message is shown |
| TC-10 | UC-05 | Generating a schedule for a valid tournament | Actor needs to be in the desktop application | Tournament: Closed for registering | Successful generating of a tournament schedule (according to the tournament system) |
| TC-11 | UC-05 | Generating a schedule for an invalid tournament | Actor needs to be in the desktop application | Tournament: Open for registering, cancelled or finished | Unsuccessful generating of a schedule |
| TC-12 | UC-06 | Cancelling a valid tournament | Actor needs to be in the desktop application | Tournament: Open or closed for registering or scheduled | Confirmation for successful cancelling of the tournament |
| TC-13 | UC-06 | Cancelling an invalid tournament | Actor needs to be in the desktop application | Tournament: Finished or already cancelled | Unsuccessful cancelling of the tournament |
| TC-14 | UC-07 | Filtering the tournaments | Actor needs to be in the desktop application | Filter: User’s choice | Displaying of the filtered results |