# **Test plan**

## **Synthesis assignment**

**Start Date:** 24.04.2022

**End Date:** 10.06.2022

**Location:** Rachelsmolen R10

**Made by:**Martin Todorov

**Tutor:**Ravelo Sánchez,Jesús J.N

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| --- | --- | --- | --- | --- | --- | --- |
| Test case | Use case | Description | Pre condition | Test data | Expected result | Pass or Fail |
| TC-01 | UC-01 | Log in to an account | Web application is started | Username: martin  Password: 1234 | Successful Log in, user is able to access pages |  |
| TC-02 | UC-01 | Log in with wrong credentials | Web application is started | Username: martin  Password: 4321 | System shows a message that the credentials are wrong |  |
| TC-03 | UC-02 | Register a new account | Web application is started | Username: Any  Password: Any | Successful registration of a new account |  |
| TC-04 | UC-02 | Register a new account with invalid data | Web application is started | Username: martin  Password: any | System shows a message that the username already exists |  |
| TC-05 | UC-03 | Add a tournament | Actor must be logged into the desktop application | Tournament info: “Badminton championship” Tournament type: RoundRobin  Sport: Badminton Start date: 15-06-2022 End date: 25-06-25  Min players: 4 Max players: 10  Location: “Fontys” | System indicates that the tournament has been added successfully. You should be able to open the new tournament from the list |  |
| TC-05 | UC-03 | Add a tournament with invalid players | Actor must be logged into the desktop application | Tournament info: “Badminton championship” Tournament type: RoundRobin  Sport: Badminton Start date: 15-06-2022 End date: 25-06-25  Min players: 10 Max players: 5  Location: “Fontys” | System shows a message that min players cant be more than max players. Tournament is not added to the list with tournaments |  |
|  | UC-03 | Add a tournament with invalid dates | Actor must be logged into the desktop application | Tournament info: “Badminton championship” Tournament type: RoundRobin  Sport: Badminton Start date: 15-06-2022 End date: 05-06-25  Min players: 10 Max players: 5  Location: “Fontys” | System shows a message that the start date cant be later of the end date. Tournament is not added to the list of torunaments |  |
| TC-05 | UC-03 | Add a tournament with invalid tournament type | Actor must be logged into the desktop application | Tournament info: “Badminton championship” Tournament type: “test”  Sport: Badminton Start date: 15-06-2022 End date: 05-06-25  Min players: 10 Max players: 5  Location: “Fontys” | System shows that the tournament type is invalid. Tournament is not added to the list of tournaments |  |
| TC-06 | UC-04 | Remove a tournament | Actor must be logged into the desktop application | Remove a tournament that has not started | System shows a message that the tournament has been removed successfully |  |
| TC-07 | UC-04 | Remove a tournament | Actor must be logged into the desktop application | Remove a tournament that has already ended | System informs the actor that they cannot remove a concluded tournament |  |
| TC-08 | UC-07 | Challenge a user | Actor must be logged into the web application and open challenges page | Select a user and invite him to a challenge | System indicates that the challenge has been sent successfully |  |
| TC-09 | UC-08 | Accept a challenge | Actor must be logged into the web application and open challenges page | Select a challenge and accept/deny it | System confirms that the action was successful |  |
| TC-10 | UC-09 | Register results of a match | Actor must be logged into the desktop application and a tournament must have started | Input correct scores:  Player 1: 23  Player 2: 21 | System indicates that the match result was saved successfully |  |
| TC-11 | UC-09 | Register wrong results of a match | Actor must be logged into the desktop application and a tournament must have started | Input wrong scores:  Player 1: 25  Player 2: 5  Player 1: 37 Player 2: 36 | System shows a message with the appropriate issue |  |
| TC-12 | UC-10 | Sign up for a tournament | Actor must be logged into the web application | Select a tournament and click join | System indicates that the actor has successfully entered the tournament |  |
| TC-13 | UC-10 | Sign up for an already full tournament | Actor must be logged into the web application | Select a full tournament and click join | System shows a message that the tournament is full |  |
| TC-14 | UC-11 | Change personal info | Actor must be logged into the web application and opened account page | First name: Any  Last name: Any  Email: [viktor@gmail.com](mailto:viktor@gmail.com)  Phone: Any | System indicates that the information has been updated successfully |  |
| TC-15 | UC-11 | Change personal info with wrong data | Actor must be logged into the web application and opened account page | First name: Steve25  Last name: Ivanov15  Email: wrongemail10  Phone: notAPhone | System shows a message with the appropriate issue |  |