

Test plan

Synthesis assignment

Start Date: 24.04.2022

End Date: 10.06.2022

Location: Rachelsmolen R10

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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: 25-06-2022 End date: 30-06-25 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-06	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: 25-06-2022 End date: 30-06-25 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	
TC-07	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: 15 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-08	UC-03	Add a tournament with invalid tournament dates	Actor must be logged into the desktop application	Tournament info: "Badminton championship" Tournament type: "test" Sport: Badminton Start date: 11-06-2022 End date: 15-06-2022 Min players: 10 Max players: 15 Location: "Fontys"	System shows that the tournament type is invalid. Tournament is not added to the list of tournaments	
TC-09	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 and tournament is deleted from the list	
TC-10	UC-04	Remove a tournament	Actor must be logged into the desktop application	Remove a tournament that is already scheduled	System informs the actor that they cannot remove a scheduled tournament and tournament is not deleted from the list	
TC-11	UC-08	Challenge a user	Actor must be logged into the web application and open challenges page	Type the user's username and invite him to a challenge	System indicates that the challenge has been sent successfully	
TC-12	UC-09	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 and challenge status is changed	
TC-13	UC-10	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 and the results appear when clicking on the match again	

TC-11	UC-10	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 that the results are incorrect and they are not saved when you click on the match again	
TC-12	UC-11	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 and he cant enter it again if he tries	
TC-13	UC-11	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-06	Open a tournament	Actor must be logged into the web application	Select a tournament you wish to view	System opens the tournament and its data	
TC-15	UC-07	Show tournament results	Actor must be logged into the web application	Select a tournament that is finished(example: Badminton 1)	System opens the tournament and the matches with their results are displayed	