



Test plan

Project: DuelSys Tournament
Management System

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Test cases

ID	UC	Name	Pre-condition	Test data	Expected Result
TC-01	UC-01	Log in to desktop application	-	Email: staff@fhict.nl Password: root1234	Main form displayed
TC-02	UC-01	Fail TC-01: Insufficient information	-	Any field(s) empty	System displays an error message
TC-03	UC-02	Create a tournament	TC-01	Tournament system: Round-Robin Sport type: Badminton Start date: Today End date: Tomorrow Minimum capacity: 3 Maximum capacity: 4 Location: Test Description Test	System shows a new entry in the provided list
TC-04	UC-02	Fail TC-03: Insufficient information	TC-01	Any field(s) empty	System displays an error message
TC-05	UC-02	Fail TC-03: start date is later than end date	TC-01	Test data from TC-01 Start date: N End date: N < M	System displays an error message
TC-06	UC-02	Fail TC-03: minimum capacity greater than maximum capacity	TC-01	Test data from TC-01 Min capacity: N Max capacity: M < N	System displays an error message
TC-07	UC-02	Fail to create a tournament: minimum capacity less than 3	TC-01	Test data from TC-01 Min capacity: N < 3	System displays an error message
TC-08	UC-03	Create an account in web app	Actor in the registration web page	Name: Test Email: test@test.com Password: password123	Actor redirected to the login page
TC-09	UC-04	Log in to account in the web app	TC-08	TC-08 Test data email & password	Actor redirected to the home page
TC-10	UC-03	Fail TC-08: Insufficient information	TC-08 Pre-condition	Any field(s) empty	System displays an error message
TC-11	UC-03	Fail TC-08: Incorrect email format	TC-08 Pre-condition	Email: test@test Password: password123	System displays an error message

TC-12	UC-03	Fail TC-08: Email address already in use	TC-08	Email: test@test.com Password: password123	System displays an error message
TC-13	UC-04	Fail TC-09: Insufficient information	TC-09 Pre- condition	Any field(s) empty	System displays an error message
TC-14	UC-04	Fail TC-09: Account does not exist	TC-09 Pre- condition	Email: different@test.com Password: password123	System displays an error message
TC-15	UC-05	Actor joins a tournament	TC-09 Actor is in the home page. Selected tournament is available.	-	System shows the option to withdraw from tournament
TC-15	UC-05	Fail UC-05: Actor is already in another tournament with overlapping schedule	TC-15 Pre- condition Actor is registered in another tournament with overlapping schedule	-	System displays an error message
TC-16	UC-07	Generate a schedule for a tournament	TC-01 A tournament with number of players greater than the minimum required	TC-03 Test data Any number of players registered greater than or equal the minimum required	System confirms the action
TC-17	UC-07	Fail TC-15: Number of registered players is insufficient	TC-01 A tournament with number of players less than the minimum required	TC-01 Test data	System displays an error message
TC-18	UC-07	Fail TC-15: Tournament is expired	TC-01 A tournament with an end date before the current date	TC-01 Test data End date: before current date	System displays an error message
TC-19	UC-08	Registering the results of a tournament	TC-16	TC-16	System confirms the action
TC-20	UC-09	Viewing the results of a	TC-09	-	System displays the results of a tournament

		tournament in the web app			
TC-21	UC-06	Viewing the schedule of a tournament	TC-16	TC-16	System displays the schedule of a tournament
TC-22	UC-11	Viewing the results of a tournament	TC-16	TC-16	System displays the results of a tournament
TC-23	UC-10	Viewing the scoreboard of a tournament	TC-16	TC-16	System displays the scoreboard of a tournament