

DuelSys inc.
Sport Tournament Manager

Test Plan

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1 Test Cases

1.1 UC-01: Login to application

ID	Name	Pre-condition	Test data	Expected result
TC-01	Log into the desktop application	Desktop application is launched	<i>Username:</i> lexdekort@gmail.com <i>Password:</i> test	User is logged into the desktop application
TC-02	Log into the desktop application with invalid credentials	Desktop application is launched	<i>Username:</i> any <i>Password:</i> any	An error message is shown that says the credentials are incorrect
TC-03	Logging in to the website	The login page of the website is visited	<i>Username:</i> lexdekort@gmail.com <i>Password:</i> test	User is logged into the website
TC-04	Logging in to the website with invalid credentials	The login page of the website is visited	<i>Username:</i> any <i>Password:</i> any	An error message is shown that says the credentials are invalid

1.2 UC-02: Registering a new account

ID	Name	Pre-condition	Test data	Expected result
TC-05	Registering a new account.	Account Registration is displayed on the desktop application.	(Team) Name: John Surname: Doe Email: johndoe@gmail.com Password: 1234 Role: Player Team type: Solo	A message is shown of successful registration.
TC-06	Registering a new account without surname.	Account Registration is displayed on the desktop application.	(Team) Name: FC Fontys Email: soccer@fontys.nl Password: fontastic Role: Player Team type: Team	A message is shown of successful registration.
TC-07	Registering a new account with missing info.	Account Registration is displayed on the desktop application.	(Team) Name: — Surname: Person Email: — Password: 1234 Role: Player Team type: Solo	An error message is shown with details about what info is missing.
TC-08	Registering a new account with invalid info.	Account Registration is displayed on the desktop application.	(Team) Name: John Surname: Doe Email: johndoe Password: 1234 Role: Player Team type: Solo	An error message is shown with details about what info is invalid.
TC-09	Registering a new account with existing email.	Account Registration is displayed on the desktop application.	(Team) Name: Johnny Surname: Doe Email: johndoe@gmail.com Password: 1234 Role: Player Team type: Solo	An error message is shown informing the user of the email already being in use.

1.3 UC-03: Create a new tournament

ID	Name	Pre-condition	Test data	Expected result
TC-10	Creating a new tournament	The Tournament page is displayed on the desktop application.	<i>Title:</i> Badminton 2022 <i>Description:</i> A local badminton game. <i>Sport:</i> Badminton <i>City:</i> Deurne <i>Address:</i> Townslane 123 <i>Start Date:</i> 1 July, 2022 <i>End Date:</i> 8 July, 2022 <i>Minimum Contestants:</i> 8 <i>Maximum Contestant:</i> 12 <i>Tournament System:</i> Round Robin <i>Team Type:</i> Solo	A message is shown of successful tournament creation.
TC-11	Creating a new tournament with invalid info	The Tournament page is displayed on the desktop application.	<i>Title:</i> Badminton 2022 <i>Description:</i> — <i>Sport:</i> Badminton <i>City:</i> Deurne <i>Address:</i> Townslane 123 <i>Start Date:</i> 1 July, 2022 <i>End Date:</i> 8 July, 2022 <i>Minimum Contestants:</i> 8 <i>Maximum Contestant:</i> 12 <i>Tournament System:</i> Round Robin <i>Team Type:</i> Solo	An error message is shown detailing which info is incorrect.
TC-12	Creating a new tournament wih the start date set after the end date	The Tournament page is displayed on the desktop application.	<i>Title:</i> Badminton 2022 <i>Description:</i> A local badminton game. <i>Sport:</i> Badminton <i>City:</i> Deurne <i>Address:</i> Townslane 123 <i>Start Date:</i> 8 July, 2022 <i>End Date:</i> 1 July, 2022 <i>Minimum Contestants:</i> 8 <i>Maximum Contestant:</i> 12 <i>Tournament System:</i> Round Robin <i>Team Type:</i> Solo	An error message is shown to inform the user that the start date cannot be before the end date.

TC-13	Creating a new tournament with the maximum contestants set lower than minimum contestants	The Tournament page is displayed on the desktop application.	<i>Title:</i> Badminton 2022 <i>Description:</i> A local badminton game. <i>Sport:</i> Badminton <i>City:</i> Deurne <i>Address:</i> Townslane 123 <i>Start Date:</i> 1 July, 2022 <i>End Date:</i> 8 July, 2022 <i>Tournament System:</i> Round Robin <i>Team Type:</i> Solo	An error message is shown to inform the user that the minimum contestants is lower than the maximum contestants.
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1.4 UC-04: Update an existing tournament

ID	Name	Pre-condition	Test data	Expected result
TC-14	Updating a tournament.	The Tournament page is open on the desk-top application and a tournament has been selected for adjustment using the Adjust Tournament button.	<i>Selected tournament:</i> TC-14 <i>Description:</i> New Badminton Tour <i>City:</i> Deurne <i>Address:</i> Newlane 75	A message is shown to inform the user that the tournament has been updated.
TC-15	Updating a tournament with invalid info.	The Tournament page is open on the desk-top application and a tournament has been selected for adjustment using the Adjust Tournament button.	<i>Selected tournament:</i> TC-14 <i>Title:</i> Cool Badminton Tour <i>City:</i> Bakel <i>Address:</i> —	An error message is shown detailing which info is incorrect.
TC-16	Updating a tournament with the start date set after the end date.	The Tournament page is open on the desk-top application and a tournament has been selected for adjustment using the Adjust Tournament button.	<i>Selected tournament:</i> TC-14 <i>Start Date:</i> 8 July, 2022 <i>End Date:</i> 1 July, 2022	An error message is shown to inform the user that the start date cannot be before the end date.
TC-17	Updating a tournament with the maximum contestants set lower than minimum contestants	The Tournament page is open on the desk-top application and a tournament has been selected for adjustment using the Adjust Tournament button.	<i>Selected tournament:</i> TC-14 <i>Minimum Contestants:</i> 8 <i>Maximum Contestant:</i> 4	An error message is shown to inform the user that the minimun contestants is lower than the maximum contestants.

1.5 UC-05: Update tournament status

ID	Name	Pre-condition	Test data	Expected result
TC-18	Start a tournament.	The Tournament page is open on the desk-top application and a tournament has been selected.	<i>Tournament:</i> Select TC-14. Start Tournament is clicked	Tournament is now started.
TC-19	Start a tournament with not enough players.	The Tournament page is open on the desk-top application and a tournament has been selected.	<i>Tournament:</i> Select TC-19. Start Tournament is clicked	Tournament is now started.
TC-20	Start a tournament that is more than a week away.	The Tournament page is open on the desk-top application and a tournament has been selected.	<i>Tournament:</i> Select TC-20. Start Tournament is clicked	Tournament is now started.
TC-21	Finish a tournament.	The Tournament page is open on the desk-top application and a tournament has been selected.	<i>Tournament:</i> Select TC-21. Finish Tournament is clicked	Tournament is now marked as finished.
TC-22	Cancel a tournament.	The Tournament page is open on the desk-top application and a tournament has been selected.	<i>Tournament:</i> Select TC-20. Cancel Tournament is clicked	Tournament is now marked as cancelled.

1.6 UC-06: Delete a tournament

ID	Name	Pre-condition	Test data	Expected result
TC-23	Delete a tournament.	The Tournament page is open on the desk-top application and a tournament has been selected.	<i>Tournament:</i> Select TC-23. "Delete Tournament" is clicked Click "Yes" to confirm	The tournament is deleted.
TC-24	Delete a tournament and cancel deletion.	The Tournament page is open on the desk-top application and a tournament has been selected.	Select any tournament "Delete Tournament" is clicked Click "No" to cancel	The tournament is not deleted.

1.7 UC-07: Registering for participation in a tournament

ID	Name	Pre-condition	Test data	Expected result
TC-25	Register for participation in a tournament.	A tournament page on the website is opened.	Any tournament on the "Planned" tab.	A success message is displayed.
TC-26	Register for participation in a tournament that you're already registered for.	A tournament page on the website is opened.	Same tournament as previous Test Case (TC-25)	An error is displayed stating that you're already registered to the tournament.

1.8 UC-08: Deregistering for participation in a tournament

ID	Name	Pre-condition	Test data	Expected result
TC-27	Deregister from participation in a tournament.	A tournament page on the website is opened.	Any tournament on the "Planned" tab.	A success message is displayed.
TC-28	Deregister from participation in a tournament that you're not registered for.	A tournament page on the website is opened.	Same tournament as previous Test Case (TC-27)	An error is displayed stating that you're not registered to the tournament.

1.9 UC-09: Generate tournament schedule

ID	Name	Pre-condition	Test data	Expected result
TC-29	Generate schedule for a selected tournament.	The Matches page is displayed on the desktop application	<i>Selected Tournament: TC-14</i>	A success message appears and the matches show up in the match view.
TC-30	Generate schedule for a tournament that already has a schedule.	The Matches page is displayed on the desktop application.	<i>Selected Tournament: TC-14</i>	An error message appears.

1.10 UC-10: Registering match results

ID	Name	Pre-condition	Test data	Expected result
TC-31	Start match.	The Matches page is opened in the desktop application and a match is selected.	<i>Selected Tournament: TC-14</i> Select a match.	A new screen opens with the selected match's info.
TC-32	Save results of a match.	The Matches page is opened in the desktop application.	<i>Score: 19 - 21</i>	A confirmation message is shown.
TC-33	Attempt to start a finished match.	The Matches page is opened in the desktop application and a match is selected.	Select any match that is marked as finished	An error message is shown that the match is already finished.
TC-34	Save incorrect results of a match.	The Matches page is opened in the desktop application.	<i>Score one: 1 - 5</i> <i>Score two: 20 - 20</i> <i>Score three: 20 - 21</i> <i>Score four: 30 - 30</i>	An error is displayed about the incorrect score.

1.11 UC-11: Display tournament information, results, and leader board

ID	Name	Pre-condition	Test data	Expected result
TC-35	Visit a tournament's page.	A tournament page on the website is opened.	N/A	All available information is displayed.