DuelSys inc.
Sport Tournament Manager

Test Plan

Lex de Kort

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2 Test Cases

2.1 UC-01: Login to application

ID	Name	Pre-condition	Test data	Expected result
TC-01	Log into the desktop application	Desktop application is launched	*Username:* lexdekort@gmail.com *Password:* test	User is logged into the desktop application
TC-02	Log into the desktop application with invalid credentials	Desktop application is launched	*Username:* any *Password:* 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	*Username:* lexdekort@gmail.com *Password:* 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	*Username:* any *Password:* any	An error message is shown that says the credentials are invalid

2.2   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 exising 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.

2.3   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.	*Title:* Badminton 2022 *Description:* A local badminton game. *Sport:* Badminton *City:* Deurne *Address:* Townslane 123 *Start Date:* 1 July, 2022 *End Date:* 8 July, 2022 *Minimum Contestants:* 8 *Maximum Contestant:* 12 *Tournament System:* Round Robin *Team Type:* 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.	*Title:* Badminton 2022 *Description:* A local badminton game. *Sport:* Badminton *City:* Deurne *Address:* Townslane 123 *Start Date:* 1 July, 2022 *End Date:* 8 July, 2022 *Minimum Contestants:* 8 *Maximum Contestant:* 12 *Tournament System:* Round Robin *Team Type:* 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.	*Title:* Badminton 2022 *Description:* A local badminton game. *Sport:* Badminton *City:* Deurne *Address:* Townslane 123 *Start Date:* 8 July, 2022 *End Date:* 1 July, 2022 *Minimum Contestants:* 8 *Maximum Contestant:* 12 *Tournament System:* Round Robin *Team Type:* 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.	*Title:* Badminton 2022 *Description:* A local badminton game. *Sport:* Badminton *City:* Deurne *Address:* Townslane 123 *Start Date:* 1 July, 2022 *End Date:* 8 July, 2022 *Tournament System:* Round Robin *Team Type:* Solo	An error message is shown to inform the user that the minimun contestants is lower than the maximum contestants.

2.4 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 desktop application and a tournament has been selected for adjustment using the Adjust button.	*Title:* New Badminton Tour *City:* Deurne *Address:* 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 desktop application and a tournament has been selected for adjustment using the Adjust button.	*Title:* Cool Badminton Tour *City:* Bakel *Address:* blank	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 desktop application and a tournament has been selected for adjustment using the Adjust button.	*Start Date:* 8 July, 2022 *End Date:* 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 desktop application and a tournament has been selected for adjustment using the Adjust button.	*Minimum Contestants:* 8 *Maximum Contestant:* 4	An error message is shown to inform the user that the minimun contestants is lower than the maximum contestants.

2.5 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 desktop application and a tournament has been selected.	Start Tournament is clicked	Tournament is now started.
TC-19	Finish a tournament.	The Tournament page is open on the desktop application and a tournament has been selected.	Finish Tournament is clicked	Tournament is now marked as finished.
TC-20	Cancel a tournament.	The Tournament page is open on the desktop application and a tournament has been selected.	Cancel Tournament is clicked	Tournament is now marked as cancelled.

2.6   UC-06: Delete a tournament

ID	Name	Pre-condition	Test data	Expected result
TC-21	Delete a tournament.	The Tournament page is open on the desktop application and a tournament has been selected.	Click "Yes" to confirm	The tournament is deleted.
TC-22	Delete a tournament and cancel deletion.	The Tournament page is open on the desktop application and a tournament has been selected.	Click "No" to cancel	The tournament is not deleted.

2.7 UC-07: Registering for participation in a tournament

ID	Name	Pre-condition	Test data	Expected result
TC-23	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-24	Register for participation in a tournament that you're already reqistered for.	A tournament page on the website is opened.	Same tournament as previous Test Case (TC-20)	An error is displayed stating that you're already registered to the tournament.

2.8   UC-08: Deregistering for participation in a tournament

ID	Name	Pre-condition	Test data	Expected result
TC-25	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-26	Register fr9om participation in a tournament that you're not reqistered for.	A tournament page on the website is opened.	Same tournament as previous Test Case (TC-20)	An error is displayed stating that you're not registered to the tournament.

2.9 UC-09: Generate tournament schedule

ID	Name	Pre-condition	Test data	Expected result
TC-27	Generate schedule for a selected tournament.	The Matches page is displayed on the desktop application	Tournament created	A success message appears and the matches show up in the match view.
TC-28	Generate schedule for a tournament that already has a schedule.	The Matches page is displayed on the desktop application.	Select a tournament with existing matches.	An error message appears.

2.10   UC-10: Registering match results

ID	Name	Pre-condition	Test data	Expected result
TC-29	Start match.	The Matches page is opened in the desktop application and a match is selected.	Select a match.	A new screen opens with the selected match's info.
TC-30	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-31	Save results of a match.	The Matches page is opened in the desktop application.	*Score:* 19 - 21	A confirmation message is shown.
TC-32	Save incorrect results of a match.	The Matches page is opened in the desktop application.	*Score one:* 1 - 5 *Score two:* 20 - 20 *Score three:* 20 - 21 *Score four:* 30 - 30	An error is displayed about the incorrect score.

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

ID	Name	Pre-condition	Test data	Expected result
TC-28	Visit a tournament's page.	A tournament page on the website is opened.	**N/A**	All available information is displayed.