

DuelSys inc.
Sport Tournament Manager

Test Plan

Lex de Kort

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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 |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD

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: fantastic 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. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD

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> 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 | 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. |
|-------|---|--|---|--|

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD

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 button. | <i>Title:</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 button. | <i>Title:</i> Cool Badminton Tour <i>City:</i> Bakel <i>Address:</i> 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 desk-top application and a tournament has been selected for adjustment using the Adjust button. | <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 button. | <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. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD

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. | Start Tournament is clicked | Tournament is now started. |
| TC-19 | Finish a tournament. | The Tournament page is open on the desk-top 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 desk-top application and a tournament has been selected. | Cancel Tournament is clicked | Tournament is now marked as cancelled. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD

1.6 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 desk-top 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 desk-top application and a tournament has been selected. | Click "No" to cancel | The tournament is not deleted. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD

1.7 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 registered 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. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD

1.8 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 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-20) | An error is displayed stating that you're not registered to the tournament. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD

1.9 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. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD

1.10 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. | <i>Score: 19 - 21</i> | A confirmation message is shown. |
| TC-32 | Save incorrect results of a match. | The Matches page is opened in the desktop application. | <i>Score one: 1 - 5 Score two: 20 - 20 Score three: 20 - 21 Score four: 30 - 30</i> | An error is displayed about the incorrect score. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD
- **TC-XX:** TBD

1.11 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. |

| ID | Times executed | Success ratio |
|-------|----------------|---------------|
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |
| TC-XX | | |

- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD
- TC-XX: TBD