

Software solution for DuelSys

Test plan

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DuelSys inc.

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1 Credentials

In table 1 you will find the login credentials for different types of users. You will need these credentials to finish all of the tests.

User Type	Username	Password
Netherlands sports association - Employee	SaNL	SaNL@123
Netherlands sports association - Player	Ale	Ale@12345
DuesISys - administrator	Ja	Ja@12345

Table 1. Credentials

2 Test cases

2.1 Back-office

2.1.1 Authentication

ID	UC	Name	Pre-condition	Test data	Expected result
TC-01	UC-01	Log in to the back office	1-user has an account	Use the credentials from the credentials table for an employee or admin	the Main page opens
TC-02	UC-01	login without entering any credentials	1-user has an account 2-Actor opens the application	username: Password:	System shows a message telling the user to enter the credentials
TC-03	UC-01	Wrong credentials entered	1-user have an account 2-Actor opens the application	username:SaNL Password: 123	System shows the error message that please check user name and password
TC-04	UC-02	Logout of the main app	1-Actor is already logged into the system		System closes all pages and shows login page

Table 2. Authentication test cases

2.1.2 Users management

ID	UC	Name	Pre-condition	Test data	Expected result
TC-05	UC-03	Add an account	Administrator opened add an account page for association	Account type: employee First name: Soleil Last name: van Eindhoven Date of birth: 01/01/2000 Gender: Female BSN: 12345687 Phone number: 0215615311 Email: Soleil@Test.com Username: Sal Password: Sal@12345	The system shows that a new account got added
TC-06	UC-03	adding an account without account type selected	Administrator opened add an account page for association	First name: Soleil Last name: van Eindhoven Date of birth: 01/01/2000 Gender: Female BSN: 12345687 Phone number: 0215615311 Email: Soleil@Test.com Username: Sal Password: Sal@12345	System shows there are no type selected and ask the user to select one.
TC-07	UC-03	adding an account and Missing required fields	Administrator opened to add an account page	First name: Last name: Date of birth: 01/01/2000 Gender: Female Languages: Dutch/English Phone number: 0215615311 Email: Soleil@Test.com	System shows there are missing fields and show what are the missing fields.
TC-08	UC-04	View an account	Administrator opened the main accounts page		System shows the selected account and shows the account

ID	UC	Name	Pre-condition	Test data	Expected result
					information.
TC-45	UC-05	Update an account	Administrator opened main accounts page	Date of birth: 01/01/2001	System shows that the account got updated successfully.
TC-10	UC-06	Delete an account	Administrator opened main accounts page		System shows the account got deleted successfully
TC-11	UC-06	The actor doesn't confirm the deleting action	Administrator opened main accounts page		System shows the employee's main page

Table 3. Users management test cases

2.1.3 Tournament management

ID	UC	Name	Pre-condition	Test data	Expected result
TC-12	UC-08	Creates a tournament	Employee opened create tournament page	<p>Title: Netherlands</p> <p>Description: new tournament in town</p> <p>Sport type: Badminton</p> <p>Tournament system: round-robin</p> <p>Minimum Players: 10</p> <p>Maximum Players: 15</p> <p>Street: High Tech Campus Eindhoven Building</p> <p>Start date: 17/06/2022</p> <p>End date: 27/06/2022</p> <p>number: 15</p> <p>Zipcode: 5656 AE</p>	System shows that you created new tournament.
TC-13	UC-08	There is no game type selected when creating a tournament	Employee opened create tournament page	<p>Title: Netherlands</p> <p>Description: new tournament in town</p> <p>Sport type:</p> <p>Tournament system: round-robin</p> <p>Minimum Players: 10</p> <p>Maximum Players: 15</p> <p>Start date: 17/06/2022</p> <p>End date: 27/06/2022</p> <p>Street: High Tech Campus</p> <p>Building number:</p> <p>Zipcode: 5656 AE</p>	System shows there is no game selected and ask the player to select one
TC-14	UC-08	There are missing required fields when creating a tournament	Employee opened create tournament page	<p>Title:</p> <p>Description: new tournament in town</p> <p>Sport type: Badminton</p> <p>Tournament system: round-robin</p>	System shows there are missing fields and shows what are the missing fields.

ID	UC	Name	Pre-condition	Test data	Expected result
				Minimum Players: 10 Maximum Players: 15 Start date: 17/06/2022 End date: 27/06/2022 Street: High Tech campus Eindhoven Building number: Zipcode: 5656 AE	
TC-15	UC-08	There is no tournament system selected when creating a tournament	Employee opened create tournament page	Title: Netherlands Description: new tournament in town Sport type: Badminton Tournament system: Minimum Players: 10 Maximum Players: 15 Start date: 17/06/2022 End date: 27/06/2022 Street: High Tech campus Eindhoven Building number: Zipcode: 5656 AE	System shows there are no tournament system selected
TC-16	UC-09	View tournament	Employee opened main tournaments page		System shows page with all of the tournament information
TC-17	UC-10	Update tournament	Employee opened main tournaments page	Title: Netherland Description: new tournament in town Sport type: Badminton Tournament system: round-robin Minimum Players: 10 Maximum Players: 15 Start date: 17/06/2022 End date: 27/06/2022 Street: High Tech campus Eindhoven Building number: Zipcode: 5656 AE	System shows tournament got updated successfully

ID	UC	Name	Pre-condition	Test data	Expected result
TC-18	UC-10	Missing required fields when updating tournament		<p>Title: Netherland</p> <p>Description: new tournament in town</p> <p>Sport type: Badminton</p> <p>Tournament system:</p> <p>Minimum Players: 10</p> <p>Maximum Players: 15</p> <p>Start date: 17/06/2022</p> <p>End date: 27/06/2022</p> <p>Street: High Tech campus Eindhoven</p> <p>Building number:</p> <p>Zipcode: 5656 AE</p>	System shows there are required fields missing and show what are these.
TC-21	UC-11	Delete tournament	Employee opened main tournaments page		System shows the tournament got deleted successfully
TC-22	UC-11	Actor doesn't confirm when deleting tournament	Employee opened main tournaments page		System shows the tournaments page again
TC-23	UC-12	Generate tournament schedule	Employee opened the tournament information page		System shows the new schedule
TC-24	UC-12	The tournament doesn't have the minimum requirements when Generating tournament schedule	Employee opened the tournament information page		System shows that you can't generate schedule until the tournament reaches the minimum requirements

ID	UC	Name	Pre-condition	Test data	Expected result
TC-25	UC-13	Register match results	Employee opened the tournament information page	Tournament game: Badminton Title: Alenya vs Jaap Points: 22-20	System shows the results got registered successfully
TC-26	UC-13	Registering matches with wrong scoring system	Employee opened the tournament information page	Tournament game: Badminton Title: Alenya vs Jaap Points: 24-20	System scoring isn't following the game scoring system
TC-27	UC-13	There are missing required fields when registering match results	Employee opened the tournament information page	Title:Alenya vs Jaap Points:	System shows there are missing fields and what are these.

Table 4. Tournament management test cases

2.2 Website

2.2.1 Authentication

ID	UC	Name	Pre-condition	Test data	Expected result
TC-28	UC-14	Log in	Player has an account	Use the credentials from the credentials table for player	System shows home page
TC-29	UC-14	login without entering any credentials	Player has an account	Username: Password:	System shows a message telling the user to enter the credentials
TC-30	UC-14	Wrong credentials entered	Player has an account	username: EdNL Password: 123	System shows the error message that it couldn't find the user
TC-31	UC-14	Staff trying to log in with staff account	The account is for staff	Use the credentials from the credentials table for employee or admin	System shows the staff can't log in using their staff accounts
TC-32	UC-15	Log out	Player already logged in		System shows home page without any account logged in

Table 5. Authentication test cases

2.2.2 User management

ID	UC	Name	Pre-condition	Test data	Expected result
TC-33	UC-16	Register new player	Player already in register page	First name: Jort Last name: van Eindhoven Date of birth: 01/01/2001 Sex assigned at birth: male Phone number: 0641561155 Email: Jort@Test.com Username: JorE password: 123@Jort Confirm password: 123Jort Sport preference: Badminton Association: Netherlands sports association	System shows the player got registered successfully and open log in page.
TC-34	UC-16	Missing fields when registering new player	Player already in register page	First name: Last name: van Eindhoven Date of birth: 01/01/2001 Sex assigned at birth: male Phone number: 0641561155 Email: Jort@Test.com Username: JorE password: 123@Jort Confirm password: 123Jort Sport preference: Badminton Association: Netherlands sports association	System shows there are missing fields and what are these.

Table 6. User management test cases

2.2.3 Tournament

ID	UC	Name	Pre-condition	Test data	Expected result
TC-39	UC-19	View a tournament	User in tournaments page	Tournament name: Fontys badminton	System shows page with all of the tournament information
TC-40	UC-19	There are no tournaments	User in tournaments page		System shows there are no tournaments available
TC-41	UC-20	Register in tournament	Player in tournament page	Use the credentials from the credentials table Tournament name: Fontys badminton	System shows player register successfully
TC-42	UC-21	View statistics of a tournament	User in tournament page	Tournament name: Fontys badminton	System shows statistics in tournament page

Table 7. Tournament test cases