

Use Case 1: User Registration

- **Actor:** Tennis Player
- **Precondition:** The user is on the registration page.
- **Main Flow:**
 1. The user provides required details (username, email, password).
 2. The system validates the input data.
 3. The system creates a new user account with the "user" role.
 4. The system confirms account creation and redirects the user to the login page.
- **Postcondition:** The user is registered and can log in.

Use Case 2: User Login

- **Actor:** Tennis Player or Admin
- **Precondition:** The user has a valid account.
- **Main Flow:**
 1. The user enters a username and password on the login page.
 2. The system validates the credentials.
 3. If valid, the system grants access to the appropriate dashboard based on the user's role.
 4. The user is redirected to the home page or admin dashboard.
- **Postcondition:** The user is logged in and can access the system's functionalities.

Use Case 3: View Tournaments List

- **Actor:** Tennis Player
- **Precondition:** The user is logged in.
- **Main Flow:**
 1. The user navigates to the home page.
 2. The system displays a list of available tournaments.

3. The user can scroll through the list to view different tournaments.
- **Postcondition:** The user sees the list of tournaments.

Use Case 4: View Tournament Details

- **Actor:** Tennis Player
- **Precondition:** The user is logged in and on the tournaments list page.
- **Main Flow:**
 1. The user selects a tournament from the list.
 2. The system retrieves and displays detailed information about the selected tournament (categories, dates, location, etc.).
- **Postcondition:** The user views the tournament details.

Use Case 5: Register for a Tournament

- **Actor:** Tennis Player
- **Precondition:** The user is logged in and viewing a tournament's details.
- **Main Flow:**
 1. The user clicks the "Register" button on the tournament details page.
 2. The system registers the user for the tournament.
 3. The system updates the list of registered tournaments for the user.
 4. The system confirms the registration to the user.
- **Postcondition:** The user is registered for the tournament.

Use Case 6: Withdraw from a Tournament

- **Actor:** Tennis Player
- **Precondition:** The user is logged in and registered for a tournament.
- **Main Flow:**
 1. The user navigates to the list of tournaments they are registered for.
 2. The user selects the tournament they wish to withdraw from.
 3. The system unregisters the user from the tournament.
 4. The system updates the list of registered tournaments for the user.

5. The system confirms the withdrawal to the user.
- **Postcondition:** The user is withdrawn from the tournament.

Use Case 7: View About-Me Page

- **Actor:** Tennis Player
- **Precondition:** The user is logged in.
- **Main Flow:**
 1. The user navigates to the "About Me" page.
 2. The system retrieves and displays the user's personal information (username, email, etc.).
- **Postcondition:** The user views their personal information.

Use Case 8: Create a Tournament

- **Actor:** Admin
- **Precondition:** The admin is logged in.
- **Main Flow:**
 1. The admin navigates to the create tournament page.
 2. The admin fills in the tournament details, including selecting at least one category.
 3. The system validates the input and saves the new tournament.
 4. The system confirms the tournament creation to the admin.
- **Postcondition:** The new tournament is created and visible to users.

Use Case 9: Update a Tournament

- **Actor:** Admin
- **Precondition:** The admin is logged in and a tournament exists.
- **Main Flow:**
 1. The admin navigates to the list of tournaments.
 2. The admin selects a tournament to update.
 3. The system displays the tournament's current details.

4. The admin modifies the tournament details.
 5. The system validates and saves the updated tournament details.
 6. The system confirms the update to the admin.
- **Postcondition:** The tournament details are updated.

Use Case 10: Delete a Tournament

- **Actor:** Admin
- **Precondition:** The admin is logged in and a tournament exists.
- **Main Flow:**
 1. The admin navigates to the list of tournaments.
 2. The admin selects a tournament to delete.
 3. The system confirms the deletion action.
 4. The system deletes the tournament and all associated registrations.
 5. The system confirms the deletion to the admin.
- **Postcondition:** The tournament is deleted from the system.

Use Case 11: Create a Category

- **Actor:** Admin
- **Precondition:** The admin is logged in.
- **Main Flow:**
 1. The admin navigates to the create category page.
 2. The admin provides the category details.
 3. The system validates and saves the new category.
 4. The system confirms the category creation to the admin.
- **Postcondition:** The new category is created and available for tournament creation.