Use cases

*For our own sanity, we refer to the actors as **he, him, his**. We avoid using **they, them, their** because it's harder to write it that way, and not because we are patriarchists*

#1 Log In

Primary Actor

User (registered).

Scope

Login screen.

Level:

User [!]

Brief

User puts his log in data, trying to authenticate

Flow

- **Preconditions**
  - User is presented with the *log in* screen.
- **Post-conditions**
  - User has been successfully authenticated.
  - *(If user selects "Remember me", also he's given a cookie to have login persistence)*.
- **Triggers**
  - User clicks in a log-in button
  - User attempts a "user-authenticated" action and is not authenticated himself
- **Sequence**

  1. User is prompted with login screen
  2. User fills the fields (*Selecting "Remember me" is optional*)
  3. User clicks "OK"
  4. End of happy path (authenticated)

  Alternative paths:

  3. User clicks "Cancel"
  4. End (not authenticated)

  Erroneous events:

  - At (4): authentication fails. ***Result:*** flow restarts.

#2 Forgot Password

Primary Actor

User (registered)

Scope

Forgot password screen

Level:

User [!]

Brief

User puts his username, in an attempt to recover his password

Flow

- **Preconditions**
  - User is presented with the *Forgot password* screen.
- **Postconditions**
  - A *recover password* link has been sent to the user's email address.
- **Triggers**
  - User clicks, from the *log in* screen, the *forgot password* button.
- **Sequence:**

  1. User is prompted with *forgot password* screen.

  2. User fills the user field.

  3. Only if there is an *existing username*, the *Send* button is activated.

  4. If *Send* button is activated:
     1. User clicks *Send*
     2. End *(mail sent)*

  Alternative paths:
  - *(At any given point)* User clicks *Cancel*
    - End *(nothing sent)*.

#3 Register for an account

Primary actor

User (not registered)

Scope

Register account screen

Level

User [!]

Brief

User puts username, password and e-mail, to try and register a new account.

Flow

- **Preconditions**
    - User is not authenticated
    - User is presented with the *Register account* screen
- **Postconditions**
    - User has successfully registered a new account
    - User is authenticated
- **Triggers**
    - From the *Log in* screen, the user clicks the *Register* button
- **Sequence**
    1. User is prompted with the *Create an account* screen
    2. User fills the fields
    3. User clicks *Register*
    4. Until (username, password, e-mail) are valid, form resets and flow goes back to (2).
    5. End *(account created)*

    Alternative paths
    - *(At any given point)* User clicks *Cancel*
        - End *(account not created)*

#4 Navigate home

Primary actor

User *(registered or not)*

Scope

Homescreen; index of bets

Level

User [!]

Brief

User explores the **homepage**, with access to all the **open bets** *(to see them and enter their menus)*, to the dashboard, to the creation of **new bets** and to the **login screen** button

Flow

- **Preconditions**

    - User is in the homepage

- **Postconditions**

    - User has entered a bet menu, OR
    - User has entered the *New Bet* menu, OR
    - User has entered the *Login* screen, OR
    - User is still in the homepage

- **Triggers**

    - From any page on the site, the user clicks the *Home* button from the *Navbar*

- **Sequence**

    1. User explores the homepage
    2. End

    Alternative paths

    2. User clicks a navigation button and leaves the homepage
    3. End.

#5 Make a new bet

Primary actor

User (registered)

Scope

New Bet screen

Level

User [!]

Brief

User creates a new bet, putting a description and other data to characterize it

Flow

- **Preconditions**

    - User is authenticated as *administrator*.

- **Postconditions**

    - A new bet has been created

- **Triggers**

- User clicks the *New Bet* button in the *Bet index* screen
- **Sequence**
    1. User is prompted with the *New Bet* screen
    2. User fills the bet fields
    3. User clicks the *Create Bet* button
    4. End *(bet created)*

  Alternative paths

  - *(At any given point)* User clicks *Cancel*
      - End *(account not created)*

  Erroneous events:

  - At (3): fields are invalid
      - Erroneous fields are pointed out.
      - Flow continues from (2).

#6 See profile

Primary actor

User (registered)

Scope

Profile screen

Level

User [!]

Brief

User checks his personal information, located at his *Profile Page*

Flow

- **Preconditions**
    - User is authenticated
- **Postconditions**
    - User is in the profile screen
- **Triggers**
    - User clicks the *Profile* button
- **Sequence**
    1. User explores his profile page
    2. End.

#7 View a Bet

Primary Actor

User

Scope

Bet View screen

Level

User [!]

Brief

User examines a Bet's information

Flow

- **Preconditions**
  - None
- **Postconditions**
  - User has examined the Bet's information thoroughly
- **Triggers**
  - User
- **Sequence**

    1. User examines the Bet's information
    2. End.