**Hungerger**

**Use-Case UC2: Edit Profile**

| **REVISIONS** | | | |
| --- | --- | --- | --- |
| **Rev. No** | **Description** | **Date** | **Person** |
| 0.1 | Creating the document | 23.11.2023 | Aslı |
| 0.2 | “handle” is changed to “username” | 25.11.2023 | Aslı |
| 0.3 | “character size” was changed to “character length” | 30.11.2023 | Aslı |

**Scope:** Hungerger Application

**Level:** User Goal

**Primary Actor:** User

**Stakeholders and Interests:**

* User: Wants accurate, fast entry. They want to be able to edit their account and have the changes reflected on the application interface.

**Precondition**

* The User and the system must have an active network connection.
* The database system must be operational.
* The User shall have an account on the system and be logged in.

**Success Guarantee (or Postconditions):**

* The User profile is updated, or the process is canceled.
* The database is updated with the changes.
* The changes are reflected in the User interface of the application.

**Main Success Scenario (or Basic Flow):**

1. The use case begins when the User requests to edit their profile.

2. The system displays a page where the User can edit the profile information (See Supplementary Requirement WC-1 for profile information).

3. The User enters profile information.

4. The User submits the changes.

5. The system validates the profile information.

6. The system asks the User to verify their identity (See Supplementary Requirement WC-2 for identity verification for editing).

7. The User validates their identity (See Supplementary Requirement WC-2 for identity verification for editing).

8. The system updates its database and shows a message regarding a successful operation.

9. The use case ends successfully.

**Extensions (or Alternative Flows):**

\*a. At any time prior to step 4 in the basic flow, the User requests to cancel the operation:

1. The system shall cancel the operation and display a message indicating that the operation was canceled.

2. The use case ends.

\*b. At any time, the system fails:

1. The system shall display a message indicating the type of failure.

2. The system updates its logs.

3. The use case ends.

5. a. Invalid Image Size

If the User cannot upload an avatar due to its size, then

1. The system displays a message that indicates the accepted size of an avatar (See Supplementary Requirement WC-3 for the accepted image size) and asks the User to upload another image according to that size.
2. The use case resumes at step 3.

5. b. The username already in use

If the User cannot update their profile due to their username already in use

1. The system displays a message indicating the problem and asks the User to choose a different username.
2. The use case resumes at step 3.

5. c. Invalid username type

If the User cannot update the profile due to an invalid username type (See Supplementary Requirement WC-4 for valid usernames)

1. The system displays a message indicating the problem and asks the User to choose a valid username.
2. The use case resumes at step 3.

5.d. Invalid Name

If the User cannot update their profile due to an invalid name type (See Supplementary Requirement WC-5 for valid names)

1. The system displays a message indicating the problem and asks the User to choose a valid name.
2. The use case resumes at step 3.

5.e. Account exists

If, in step 5 of the basic flow, the User cannot update their account due to the email address already in use in the system.

1. The system displays a message indicating the problem.
2. The system asks the User to try using a different email address.
3. The use case resumes at step 3.

5. f. Missing entry

If one of the profile information is missing, then

1. The system shows a message that indicates the name of the missing entry and asks the User to complete it.
2. The use case resumes at step 3.

5. g. Invalid password

If the User enters an invalid password (See Supplementary Requirement WC-6 for valid passwords), then

1. The system shall display a message indicating the accepted password properties.
2. The use case resumes at step 3.

7.a. Identity verification failure

If the User failed at identity verification, then

1. The system shall display a message indicating the problem.
2. The use case resumes at step 6.

**Supplementary Requirements:**

[SpReq: WC-1]: The profile information contains name, email address, username, password, avatar, and biography.

[SpReq: WC-2]: The identity verification for editing is done by the User entering their current password.

[SpReq: WC-3]: The accepted image size for an avatar is 50 Mb.

[SpReq: WC-4]: The character length of the username should be between 5-10 characters. The username shall only contain letters and digits, with at least one letter.

[SpReq: WC-5]: The character length of the name should be between 5-15 characters. The name shall only contain letters.

[SpReq: WC-6]: A valid password must be at least eight characters long and contain at least one upper-case letter, one lower-case letter, one digit, and one Supplementary character.

**Frequency of Occurrence:** Could be nearly continuous.