

Use-Case Descriptions:

- **Use case:** Login to Website

Primary actor: User

Goal in context: To have the user login to the website.

Preconditions: The user has valid login credentials and access to a device with an internet connection.

Trigger: The user clicks on the "Login" button

Scenario:

1. The user visits the Arm-in-Arm website.
2. They select the "Login" button.
3. The system prompts the user to enter their username and password.
4. The user enters their login credentials.
5. The system validates the credentials and grants access to the system.
6. The user gains access to the system.

Exceptions:

1. The user enters incorrect login credentials. The system prompts them to enter the correct information.
2. Technical issues prevent successful login. They are informed and advised to try again later.

- **Use case:** View Pre-Registration Form

Primary actor: User

Goal in context: To view the pre-registration form for new user registration.

Preconditions: The applicant is a new user who has not previously registered.

Trigger: The client clicks on the "Pre-Register" button.

Scenario:

1. The actor visits the pre-registration website.
2. The user logs into the system.
3. They select the "Pre-Register" button.
4. The system displays the pre-registration form with New User Questions for the user to fill out.

Exceptions:

1. There is a system error that doesn't allow the user to view questions. The administrator should be notified immediately.
2. A user already is entered into the system. The system notifies the user that someone with their name is already registered.

- **Use case:** Submit Form Data

Primary actor: User

Goal in context: To submit the pre-registration form data.

Preconditions: The user has completed the pre-registration form.

Trigger: The actor clicks on the "Submit" button.

Scenario:

1. The user fills out the pre-registration form with the required information.
2. They select the "Submit" button.
3. The system validates the data and generates a unique ID for the user.
4. The user receives a confirmation of successful registration.

Exceptions:

1. The user submits incomplete or inaccurate information. The system prompts them to correct the errors.
2. Client's information cannot be verified. The system should notify the client and prompt them to try again.
3. Technical issues prevent successful submission. The actor is informed and advised to try again later.

- **Use case:** Create Unique QR Code/ID

Primary actor: System

Goal in context: To generate a unique QR code and ID number for each registered Arm in Arm client during the registration process

Preconditions: The client has successfully completed the registration process.

Trigger: The successful submission of the client's registration form.

Scenario:

1. After the client completes registration, the system processes the information provided.
2. The system validates the information to make sure it's complete and accurate.
3. The system generates a unique ID or QR code, using an algorithm to do so.
4. The system associates the unique identifier to the applicant with their personal information in the database.
5. The system sends the information to the client, notifying them of their unique identifier.

Exceptions:

1. There are technical issues with the generation of a unique identifier. The system notifies the client to try again later.
2. Client's information cannot be verified. The system should notify the client and prompt them to try again.
3. The user enters incorrect login credentials. The system prompts them to enter the correct information.
4. Technical issues prevent successful login. They are informed and advised to try again later.

- **Use case:** View User Profile

Primary actor: User

Goal in context: To access the user's profile information.

Preconditions: The user is logged in and has submitted the pre-registration form.

Trigger: The user selects the button to view their profile.

Scenario:

1. The user logs into the system.
2. The system verifies the user that has logged in, and displays the "View Profile" option.
3. The user selects the "View Profile" option.
4. The system displays the user profile, with their registration information alongside QR Code and their ID.

Exceptions:

1. The login information for a user that has completed pre-registration is incorrect, or does not exist. The system prompts the client to enter the correct information or register if they have not done so.
2. The system is not able to find the user. The administrator should be alerted to fix the issue immediately.

- **Use case:** Edit User Info

Primary actor: User

Goal in context: To have the user login to the website.

Preconditions: The user has valid login credentials and access to a device with an internet connection.

Trigger: The user clicks on the "View Profile" button

Scenario:

1. The user visits the Arm-in-Arm website.
2. The user navigates to their profile section.
3. The user selects the "Edit Form Info" option.
4. The system displays the pre-registration form with the user's existing information pre-populated in the fields.
5. The user makes necessary changes and updates the information.
6. The system validates the credentials and grants access to the system.
7. If the data is valid, the system updates the client's information in the database.
8. The client receives a confirmation message.

Exceptions:

1. If the user attempts to submit incomplete or inaccurate information, the system should prompt the client to correct the errors.

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2. If there are technical issues preventing the successful submission of changes, the client should be informed to try again later.