Test Cases

Admin log in:
- admin@example.com
- Password: password

User log in:
- You can just sign up and make an account.

Functionality Tested	Inputs	Expected Output/Message	Exception Scenarios
Creating Client Profile	Client: User is presented the home page of the application and clicks on the login button on the top right. Users sign up for the first time to make an account. Admin: Admin logs in with admin credentials and is taken to the homepage where two buttons are presented, "Create Client Profile" and "Search" Admin clicks on "Create Client Profile" **Only a first time user (client) can create a profile**	Users/admin are taken to a page where they can create a client profile. Users must input at least their full name, last name, and DOB. Users must press next to reach the next page. Users are prompted (optional) to input address, language, religion, allergies and dietary restrictions. User then presses Create Profile. Users are taken to their profile that contains all the data they inputted. A green pop up shows up that reads: Client profile created successfully!	Users try to create an account without inputting first name, last name and DOB; Expected: Users should be prompted to enter that information through an an error message pops up, however this has not been implemented yet.
Signing up	User presses the "login" button on the top and signs in.	User is prompted to either log in or sign up, User signs up by pressing the "Sign Up" button beneath	User puts in a password that is less than 6 characters; an error message pops up and they are

		the log in. User puts in a valid email and password. User is then prompted to re-type the password for verification and match. User presses sign up. User is taken to a page where they can create a profile, and a green pop up shows up that reads: "Welcome! You have signed up successfully."	prompted to put in a valid password. User puts in an email address that lacks a "@" symbol; user is prompted to enter a valid email with a "@" symbol. User puts in a password that does not match the second password put for verification. An error message pops up prompting users to put a password that matches.
Logging in	User presses the "login" button on the top right.	Users are prompted to either log in or sign up. User enters their correct login credentials. Users are taken to the home page again where they only have the option to edit their existing profile by pressing the "Modify Profile" button.	User enters an email or password that is incorrect or not previously made; An error message pops up indicating an incorrect email or password.
Searching Client Profile	Admin logs in with an admin account and presses the "Search" button on the homepage.	Admin is taken to the "Client Search" page and is prompted to input the client's ID, first name and last name. Once admin inputs the data and presses search, the client's information should be retrieved from the database and displayed to the admin.	An admin searches for a non-existent or incorrect client ID/name, and no results were found. Admin searched for only one input instead of all three fields; client will still be retrieved

Edit Client Profile	User creates a profile and is taken to the page that shows them their report. User clicks the edit button.	User is taken to a page that reads "Edit Client Profile". User makes appropriate changes to the profile and presses "Save Changes" User is shown their new profile with updated changes. A pop up message occurs stating: <mark>Client profile updated successfully!</mark>	Users remove their first name, last name or DOB as their updates; the form will not be formed.
Modify Client Profile	An existing user logs in and presses "Modify Client Profile"	User is taken to the "Modify Client Profile" page where they are shown their existing profile. User makes appropriate changes to the profile and presses "Save Changes" User is shown their new profile with updated changes. A pop up message occurs stating: <mark>Client profile updated successfully!</mark>	Users remove their first name, last name or DOB as their updates, the form will not be formed.
Change Languages	User logs in and reaches the home page. User navigates to the languages drop down menu in the navigation bar. User chooses a language.	The text within the home page is converted to the language chosen by the user.	User does not log in; language feature does not show up

Use Case: Sign up

Primary actor: User
Goal in context: For a user to sign up and create and modify their client profile
Preconditions:
User has access to application
Trigger: The user wants to create a client profile.

Scenario:
1.The user is taken to the home page, where no buttons are shown besides the login button.
2.User pressed the login button on the top right.
3. The user is taken to the login page, and they press on the "SignUp" button below
4. The user enters a unique username and password.
5. The system validates the credentials.
6. Upon successful validation, the user is taken to the client profile creation page where they can make their profile and eventually modify after completion.

Exception:
1. Second password does not match password made ; System informs user and user is made aware.
2. The data entered by the user does not meet the validation criteria (e.g., password less than 6 characters, no @ symbol; The system informs the user of the specific error, and the user corrects the data before resubmission

Use Case: Log In

Primary actor: User

Goal in context: For a user to log in and access or modify their client profile

Preconditions:
1. User has made an account,
2. The user has a valid username and password.

Trigger: The user wants to access or modify their own client profile, which requires authentication.

Scenario:

1.The user navigates to the website's home page. Nothing should be shown to the user besides the login button and home page title.

2. The user logs in and enters their username and password.

3. The system validates the credentials.

4. Upon successful validation, the user is routed to the home page that now shows one button that says "Modify/view client profile" where they can modify and view an existing profile linked to their account.

Exception:
1. Password in Incorrect ; User enters the correct password.
2. The data entered by the user does not meet the validation criteria (e.g., password less than 6 characters, no @ symbol; The system informs the user of the specific error, and the user corrects the data before resubmission

Use Case: Create Client Profile

Primary Actor: User

Goal in Context: To create a new client profile by entering required information through a series of questions.

Preconditions:
1. The user signs up for the first time, only a first time user can create a profile.
2. The user has the necessary information to create a client profile.

Trigger: The user signs up and creates a new client profile for storing and managing client information.

Scenario:
1. The signed-in user is taken to the first three pages of questions regarding user data.
2. The user fills out the sections and clicks 'next' to go to the next question by answering the questions and providing the required information.
3. The system validates that the information inputted is correct before going to the next page
4. The user fills out the sections and clicks 'complete'.
5. The system validates that the information inputted is correct.
6. The user receives a confirmation that the client profile has been successfully created.

Exceptions:
1. Incomplete Data Submission:The user attempts to submit an incomplete/invalid data; The system displays an error message indicating the required fields which includes first and last name and DOB. The user completes the required fields and goes to the next page.

Use Case: Modify Client Profile

Primary actor: User
Goal in context: Allow a user to access or make small changes to their client profile
Preconditions:
1. User has made or is making an account.
2. User has logged in successfully

Trigger: The user wants to make a change to their profile to ensure correctness.

Scenario 1: Logging in
1.The user logs in and presses the "view or modify client profile" button on the main page to access their previously saved client profile.
2. The user is taken to their profile, and pressed the edit button and is able to make changes.
3. The User makes modifications and presses the 'Saved' button.
4. System saves the new changes.
5. A pop up message comes up validating that these updates have been saved.

Scenario 1: First time signing up
1.The user signs up and creates a client profile.
2. After creating their profile, a user is taken to their finished profile, and presses the edit button and is able to make changes.
3. The User makes modifications and presses the 'Saved' button.
4. System saves the new changes.
5. A pop up message comes up validating that these updates have been saved.

Exception:
1. User tries to press the "Modify Client" button without an account made. User is prompted to log in first,

Use Case: **Language Use Case**

Primary actor: User

Goal in context: Allow a user to switch between languages such as English, Spanish, Haitian Creole.

Preconditions:
1. User navigated to our application
2. User needs to be logged in.

Trigger: User wants to change the language of the home page.

Scenario:
1. User logs/signs into their account
2. User is taken to the home page of our application
3. User navigates to the NAVBAR and finds the drop down menu that should say "English" by default
4. Users can switch the language from the drop down and should pre presented with a new page that shows the correct language.

Exceptions:
1. If a user is not logged in, the user is unable to view the languages option.

Use Case: Delete Client Profile

Primary actor: User
Goal in context: Allow a user to delete their client profile.
Preconditions:
1. User has logged in successfully.
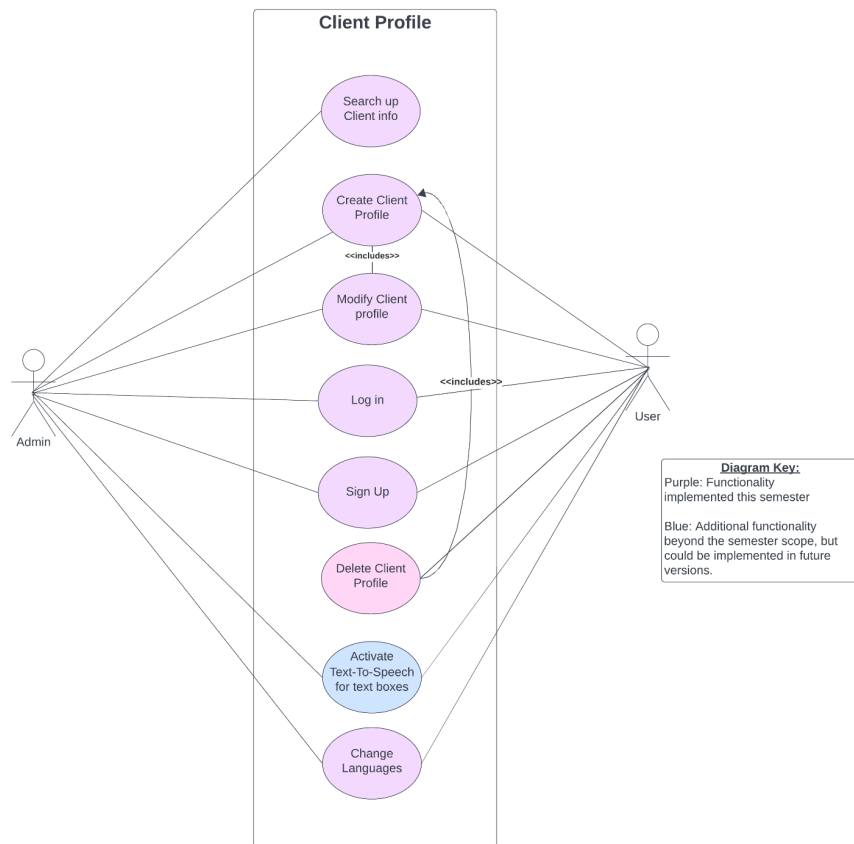2. User has made a client profile.

Trigger: The user wants to delete their client profile.

Scenario 1: Logging in
1. The user logs in and presses the "View or modify client profile" button.
2. The user is taken to their profile, and pressed the delete button and is able to delete the profile.
3. System deletes the client profile.
4. A pop up message comes up validating that this delete has been made.

Scenario 1: First time signing up
1.The user signs up and creates a client profile.
2. After creating their profile, a user is taken to their finished profile, and presses the delete button. .
3. System deletes the new changes.
4. A pop up message comes up validating that this delete has been made.

Client Profile

Search up Client info

Create Client Profile

<<includes>>

Modify Client profile

<<includes>>

Log in

Sign Up

Delete Client Profile

Activate Text-To-Speech for text boxes

Change Languages

Admin

User

Diagram Key:
Purple: Functionality implemented this semester

Blue: Additional functionality beyond the semester scope, but could be implemented in future versions.

HIGHLIGHTED CHANGES

We have made several significant changes to the design and functionality of our project. First, we created two separate views for administrators and users, ensuring that all functionality is individualized and all client data secure. Administrators have access to both the client profile creation function, so they can create a profile on behalf of a client, and to the client profile search function, so they can easily access a client's data. Users have their own accounts and can access only their own data. New users can create a new profile, while returning users can access their existing profiles. When accessing profiles, users can take advantage of our newly added "edit" and "delete" functions, which allow clients to delete or modify their profiles once signed in. We have also added a language translation feature to make our application accessible to the diverse clientele that Arm In Arm serves.