Handover Document

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**Technical handover report for the menopause unzipped app**

**Introduction:**

This report outlines the early development of the menopause unzipped app. The main feature of the app is to make it easy and simple for the user to track their symptoms. The navigation of the app is quick and intuitive, and the user should be able to get where they need to go within a few clicks.

**Features:**

Symptom tracker: Developed a symptom tracker where the user can add their symptoms. There is also a tab where the user can add any prescription, they are taking related to the symptom.

Simple Navigation:

**Prerequisites to Run the Application:**

**Using flutter**

* Download flutter using the link: <https://docs.flutter.dev/get-started/install> for the appropriate operating system you are using.
  + Running the appropriate command to ensure you have the relevant system requirements
  + Getting the flutter sdk. This includes downloading the bundle, extracting the file, adding flutter to your tool path
  + We then run the flutter doctor command to see if there are any dependencies that need installing.
  + We then clone the project code or save it in a folder. Ensuring we are within the path of the directory we run the command ‘flutter run’

**Using firebase**

* Create a firebase account if not already installed. Add a project on firebase.
* Add firebase authentication to the app by running the command: flutter pub add firebase\_auth.
* Rebuild your Flutter application: flutter run
* Ensure you have signed into your firebase account
* Complete the steps to add firebase to the app using <https://firebase.google.com/docs/flutter/setup?platform=ios>.

**Development Process:**

* Logo appears when the app opens. Replaces the generic flutter logo.
* Register page- User can toggle to the register page using ‘sign up here’ that is indicated in bold. The details are stored in a firebase database.
* Login page- The user is required to provide their email address and password. Firebase authentication was used to store the user's details.
* Forgot password page- A reset password page is created where the user will be
* Buttons-
* Logout -We have a button to sign out from the app that is displayed on the right top corner of each page. This will take the user back to the login page.
* Home page- Can be designed to add charts/bar charts etc.
* Symptom tracker page-Has a button at the bottom of the screen. The user presses this and a pop up is displayed to
* Chapters page-User can swipe left to get to the next page of a chapter
* Theme- Used the clients font colour.

A screenshot of a computer

Description automatically generated

**Testing:**

Usability Testing- The UI design is clear and intuitive.

**Analysis:**

Buttons are a different colour. This makes it easier to click and obvious as to what the action is.

Toggle for ‘sign up here’ is bold. This makes it easier to navigate between different pages.

**Recommendations:**

* Add the Symptoms to the screen. Some code that I was working related to this has been commented out. Can be found in symptom\_tracker.dart and add\_symptom.dart file in the code.
* Work on adding chapters from client's book to display the screen
* General UI design-Changing the house icon etc. Ensuring the logo matches the size of the screen, moving the position of certain buttons.
* The register page can be extended to include the users name, surname, and age. This will make the app more personal.
* We can add date as part of the symptom tracker. I have commented some of these lines out in the code that can be worked on.

**Handover:**

The code for the flutter application has been provided with this document. The language used is dart, a common language used with flutter app development. Alternatively, the code can be via the link <https://github.com/atiya16384/flutter_application_1>.

**Conclusion:**

The project has been set up well with the features that the client wants to be implemented. However, it still needs to be worked on. Whether this be working on the symptom tracker or adding the client chapters from the book etc. Nonetheless, finishing these features off shouldn’t be much of an endeavour.