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| Iteration 3 Plan |
| [Publish Date] |
| **Charlotte Hutchinson**  CO600: JustHealth Supervisor: Yang He |

JustHealth Iteration 3 Plan

# Aims:

* Once a user has logged in on a phone they will be automatically directed to a home screen for either patient or carer.
* To have the ability for a user to be able to de-active their account for both mobile and web.
* When a user de-activates an account they have the option to either erase all their data or for it to be stored on our system in case they wish to return
* When a user selects erase all data, all their data is deleted from the database
* To store reasons why a user wants to de-activate their account

# Requirements:

## 2.1 Functional requirements:

1. Ability to view home page once logged in for carer/ patient- Mobile
2. User has the ability to deactivate their account
3. All data is deleted from their account it they choose this option
4. Data is stored in the database why they want to deactivate their account

## 2.2 Non-functional requirements:

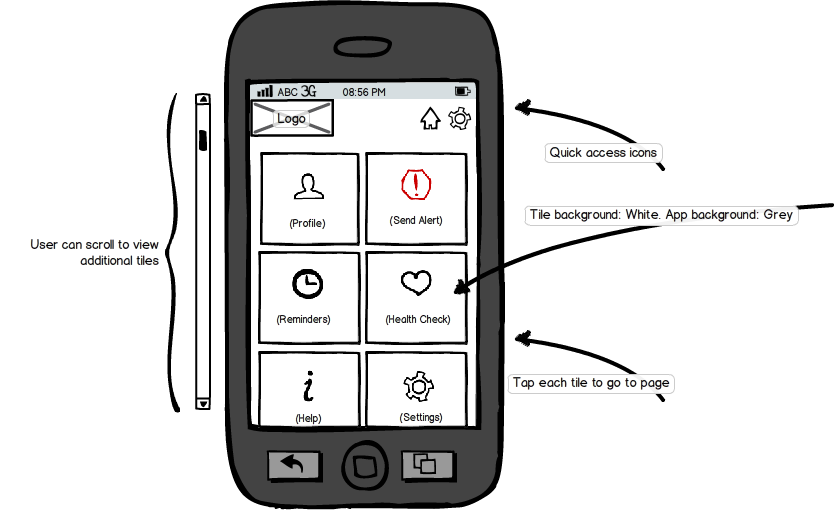
1. User Documentation
2. Robustness
   1. Error handling
3. Ease of Use
   1. Simple and intuitive design
   2. Clear colour scheme

## 2.3 Domain Requirements:

1. Security (Android and web)
   1. Tick box to acknowledge, when they deactivate their account, that their data will be stored on our account if they choose, so they can reactivate their account.
2. Total deletion of all user details from database
3. Modifications to the database to be added to the audit table

# Design

## 3.1 Android home screen

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* Tiles will be uniform; prioritised and organised on the page
* Tile icons will be centred and clear to the user
* Once the user has logged in, this will become the redirect location for the ‘Home’ quick access icon
* User will be able to scroll on the screen to view additional icons
* Pressing back here will show the exit screen
* If it is a carer’s account we will have a label stating carer
* All home screens will have the users name

## 3.2 Deactivation android

## 3.3 Deactivation web

## 3.4 Database update

After meeting with Yang and discussing the database we have realised we need to make some changes so it is easier to implement later on and it makes more logical sense. Since we are changing the structure of the database we are doing to re test all of iteration 1 and iteration 2 tests to ensure the database changes have not caused any additional problems. We are also going to test the new database in this iteration. Below are our updated database design, the assumptions and the new database code:

### 3.4.1 Conceptual Data Model



### 3.4.2 Logical Data Model



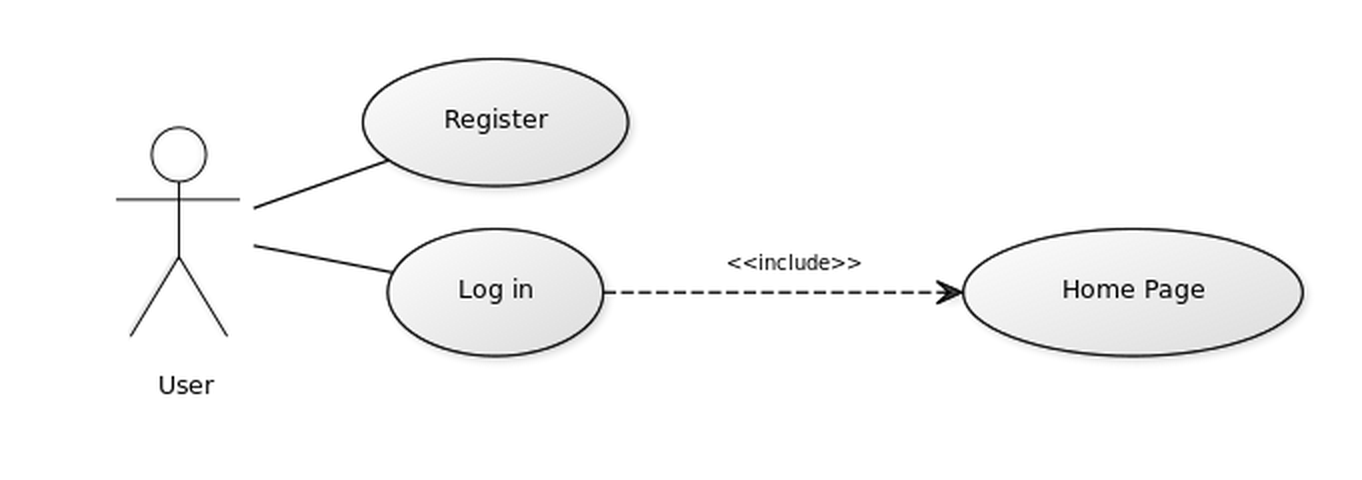
### 3.4.3 Database code

### 3.4.4 Assumptions

* A patient may not have any medication
* A patient may have more the one medication
* A patient may not have a carer
* A patient can have more then one carer
* A carer can have more then one patient
* A patient may not have a relative
* A patient can have more the one relative
* A relative may have more then one patient
* A patient may not have a pharmacist
* A patient can only have one pharmacist
* A pharmacist may have more then one patient
* A patient may not have a doctor
* A patient can have more then one doctor
* A Doctor can have more then one patient
* A user have to have one password
* A user can have more then one password stored

# 4.0 Use case:

## 4.1 Login to home screen mobile



## 4.2 Deactivate account mobile and web

