

Project Scope

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CO600: JustHealth
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1.0 Purpose

Applications are designed to make specific aspects of life easier; JustHealth will improve the safety of the user by assisting their medication routine. Defining the target audience as both patients and carers allows for some extra functionality within the application. We are looking at some of the primary challenges associated with full time care and incorporating them with the latest technology to help.

2.0 Objectives

JustHealth will be an application that deals with some of the major challenges in the health care industry. It will be created using Android software development standards and will integrate with a web-based application for non-android users.

The database must comply with necessary security standards in order to ensure the safety of medical records and patient confidentiality. JustHealth will also comply with current web content accessibility guidelines (WCAG 2.0) in order to meet the needs of our target audience accurately.

The applications will assist patients with when to take medication and remind them when they haven't. This may also include updates for when medication stocks are low, however there won't be direct integration with pharmacies as patients may need to see a doctor beforehand. The mobile application will integrate with the native calendar application and will track appointment times, containing doctor's details for ease of use when trying to make contact.

JustHealth will include functionality for the carer to access medication records and other information to assist with caring for the patient.

2.1 Target audience

More specifically, the target audience that we have identified will include:

- **Patients**
Primarily, we are targeting the patients; our main functionality is to remind them when they need to take medication. Patients will have to approve the carer access to their records, and may be able to approve more than one carer at any one time if necessary.
- **Carers**
We are aiming to implement extra features that will assist with the patient/carers relationship; this may involve limited accessibility for the carer in order to maintain the security of sensitive information. Carers will be able to connect with all of their patients and view any necessary information.
- **Doctors**
There will be a read-only profile page for doctors to gain access; this may include information on the pattern of medication intake. They may be able to give advice on medication if they can see that it hasn't been taken at the correct time.
- **Family**
Selected members of the patient's family will have similar rights as doctors. However, if a family member also takes the role of carer, they will need to sign up as a carer instead.