

Iteration 5 Plan

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JustHealth Iteration 5 Plan

1.0 Aims:

- To have a fully functioning way for carers to add medication details for patients.
- A secure and safe way to add medication details for patients to avoid human error
- For carers and patients to be able to add appointment details.
- The Android app to be integrated with the phones Google calendar.
- Reminder functionality for both android and web to remind patients to take medication and when appointments are.
- A notification system on both android and web so users are able to see requests or reminders.

2.0 Requirements:

2.1 Functional requirements:

1. The ability for a carer to be able to enter in medication details for a patient- Web
2. The ability for a carer to be able to enter in medication details for a patient- Android
3. The ability for a patient or carer to enter appointment details- Web
4. The ability for a patient or carer to enter appointment details- Android
5. A reminder functionality to remind patients when to take medication- Web
6. A reminder functionality to remind patients when to take medication- Android
7. A reminder functionality to remind patients when appointments are- Web
8. A reminder functionality to remind patients when appointments are- android
9. Notification system- web
10. Notifications system- android
11. Linking with the android built in calendar

2.2 Non-functional requirements:

1. User Documentation
2. Security
 - a. Ensuring only certain people can enter medication details
 - b. A safe way for people to enter medication and unable to make human errors
 - c. Secure ways of dealing with push notifications
 - d. Safe connection with the android calendar
3. Robustness
 - a. Error handling
 - b. Security (as above)
4. Ease of Use
 - a. Simple and intuitive design
 - b. Clear colour scheme

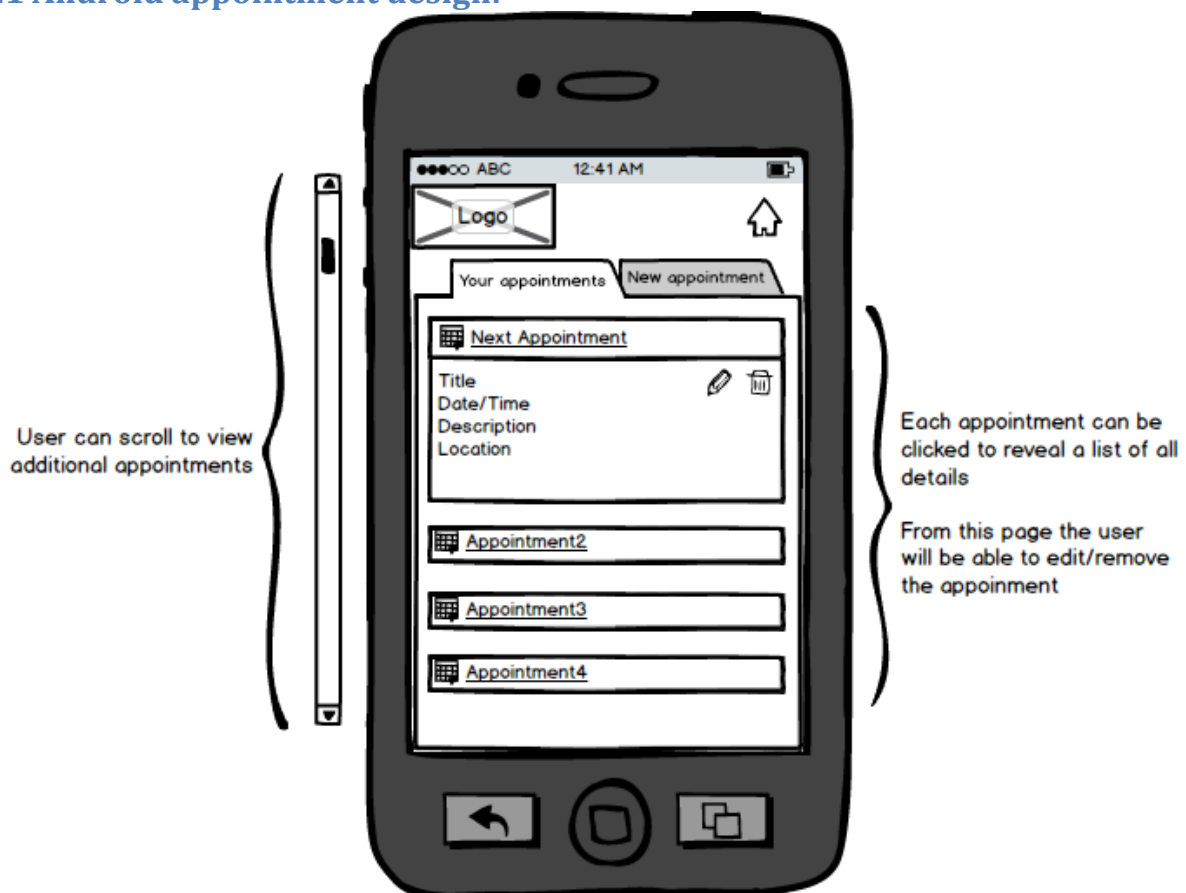
- c. Clear and easy way for both patients and users to enter information

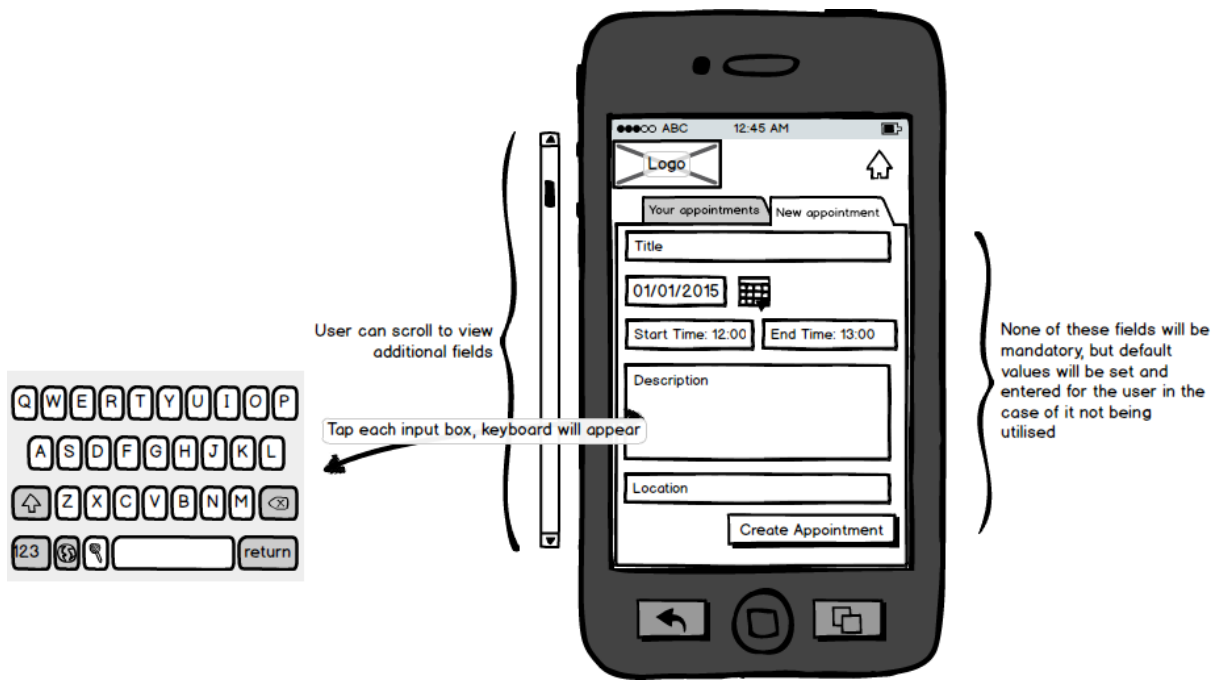
2.3 Domain Requirements:

1. Security (Android)
 - a. Ensuring a user understands the connection with their phone calendar
 - b. The app can only link with the google calendar rather than third party ones
2. Push notifications in Android linking with the google cloud
3. Legal
 - a. Only correct medication can be entered, ensures validations on fields to prevent human error.
 - b. Confirmation screen when medication has been entered

3.0 Design

3.1 Android appointment design:





3.2 Web appointment design:

The screenshot shows a web browser window titled 'JustHealth' with the URL 'http://www.justhealth.uk/'. The page has a header with a 'Logo' and a 'Log out' button. Below the header, there are two tabs: 'Your Appointments' (selected) and 'New Appointment'. On the left side, there is a sidebar with a calendar icon and the text '(Appointments)'. The main content area displays a list of appointments under the heading 'Next appointment'. The first appointment is expanded, showing fields for 'Title', 'Date/Time', 'Description', and 'Location'. To the right of these fields are edit and delete icons. Below the expanded appointment are four more appointments labeled 'Appointment2', 'Appointment3', 'Appointment4', and 'Appointment5', each with a calendar icon.

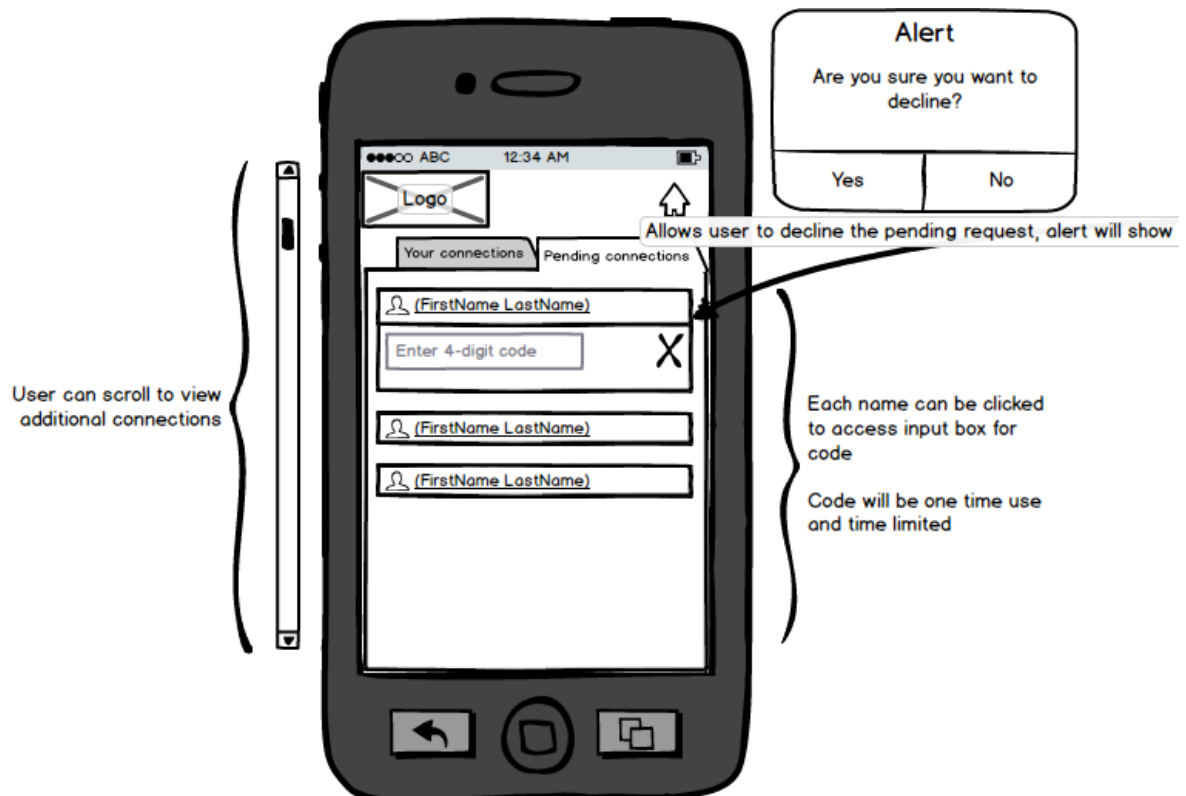
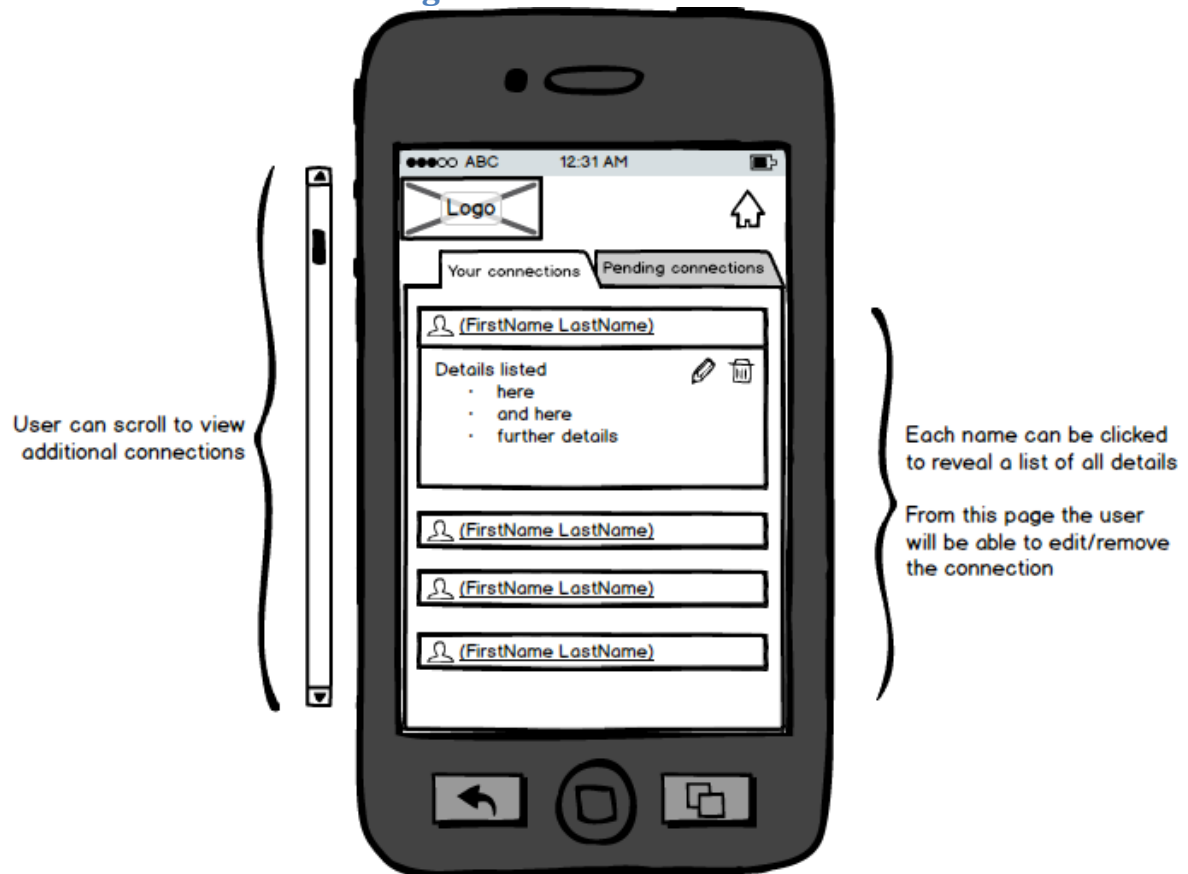
Each appointment can be clicked to reveal a list of all details

From this page the user will be able to edit/remove the appointment

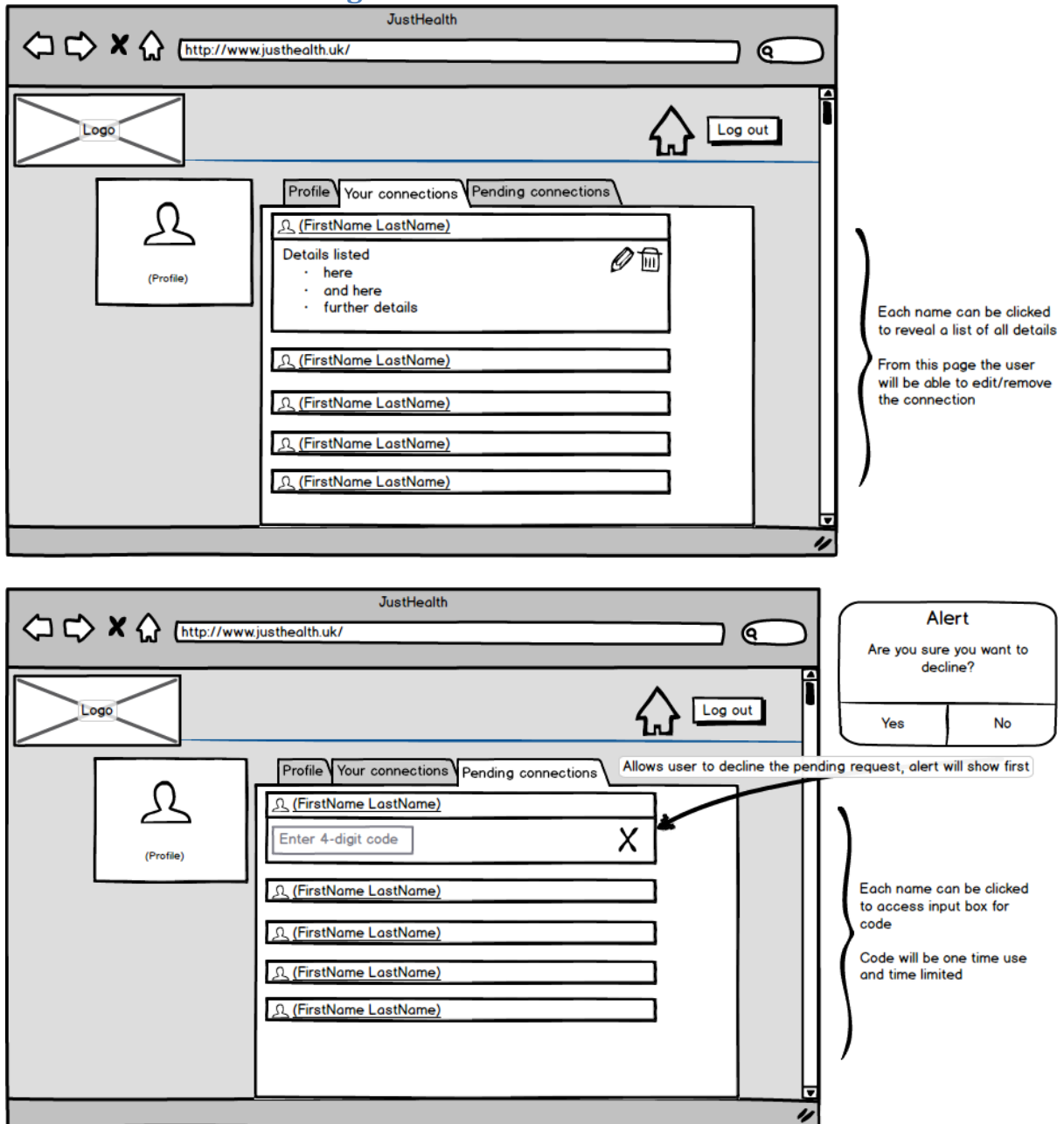
The screenshot shows the 'New Appointment' page in the JustHealth web application. The browser window title is 'JustHealth' and the URL is 'http://www.justhealth.uk/'. The header includes a 'Logo' and a 'Log out' button. The page has two tabs: 'Your Appointments' and 'New Appointment' (selected). On the left, there is a sidebar with a calendar icon and the text '(Appointments)'. The main content area contains a form for creating a new appointment. The form fields are: 'Title' (text input), 'Date/Time' (date picker showing '01/01/2015'), 'Start Time: 12:00' and 'End Time: 13:00' (time pickers), 'Description' (text area), and 'Location' (text input). A 'Create Appointment' button is located at the bottom right of the form.

None of these fields will be mandatory, but default values will be set and entered for the user in the case of it not being utilised

3.3 Android medication design



3.4 Web medication design



4.0 Use cases:

