

CS106 Assessment 2

COVID-19 Data Tracking System

**Andreas Howard, Dave Howard
Ramos & Samantha Quilat**

Main Overview

After our part 1 research...

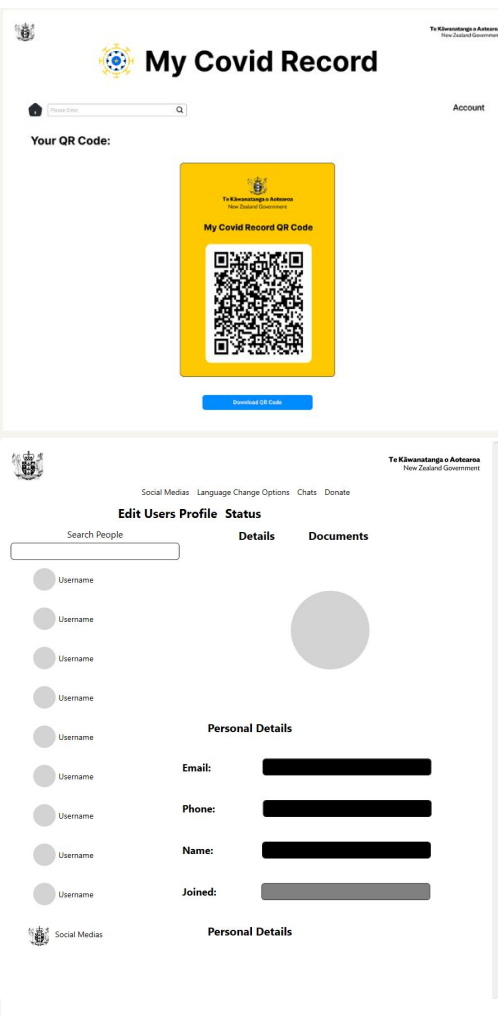
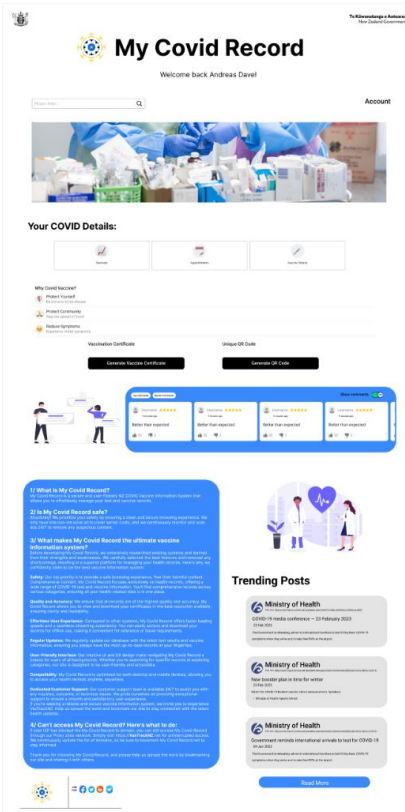
Following our research of individuals who would prefer a digitised version of their COVID-19 information tracking system, we created several designs in our wireframes to act as a base for our program. After we submitted our report, we immediately began working on the programming of our tracking system, with Andreas working on the larger UIs in User and Admin spaces and connecting several screens, Samantha working on the smaller UIs and the database and Dave working on the Admin screens.

General Timeline

With four weeks to complete the program and the Users part of the program being twice as large as the admin side, we decided as a group to split the work into three parts to do between us. One would handle the three admin screens (a fourth one was added in the middle of production to be worked on by another), one would handle the larger UIs of the users' side (and the UI of the fourth admin screen) and adding connections between screens and other small functionalities, while the third individual would complete the database functionality and a few of the smaller UIs in the users' section.

Individual Responsibilities & Progress Timelines

Andreas

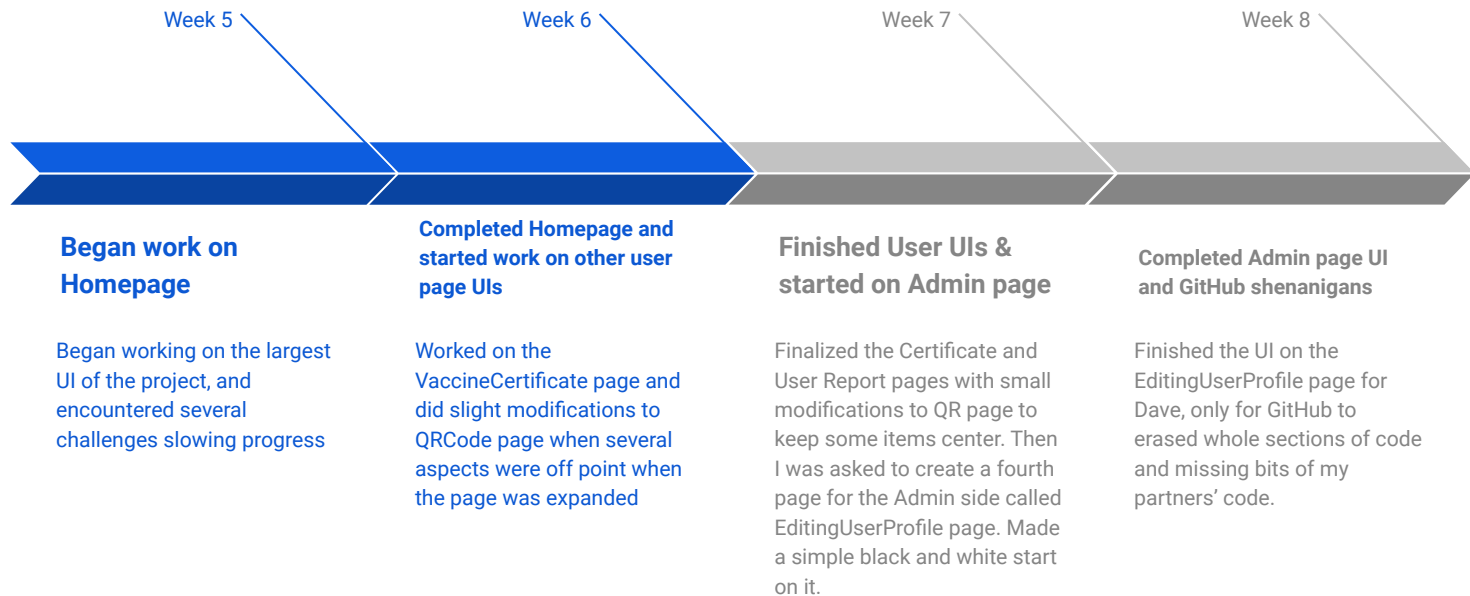


Andreas's responsibility was to create the larger UIs of the program of both user and admin screens so as to make the program presentable and at least appear functional to the users.



Andreas' Progress Timeline

The Main Homepage UI was much more work than expected, as it took over a week to accomplish as he had encountered numerous issues surrounding several box layouts and even the supposedly simple toggle switch. Because of this, several delays in the completion of the Homepage were experienced requiring his teammates to do a few extra tasks to keep the schedule on track. Some of the specific problems encountered was no default code for the toggle switch and several online solutions containing over a hundred lines of code for a simple switch, and several UI displays disappearing due to one single faulty line.



Dave's responsibility was to work on the admin side of the program so that records can be viewed and altered as necessary.







My Covid Record

[To Kāwanatanga o Aotearoa](#)
[New Zealand Government](#)

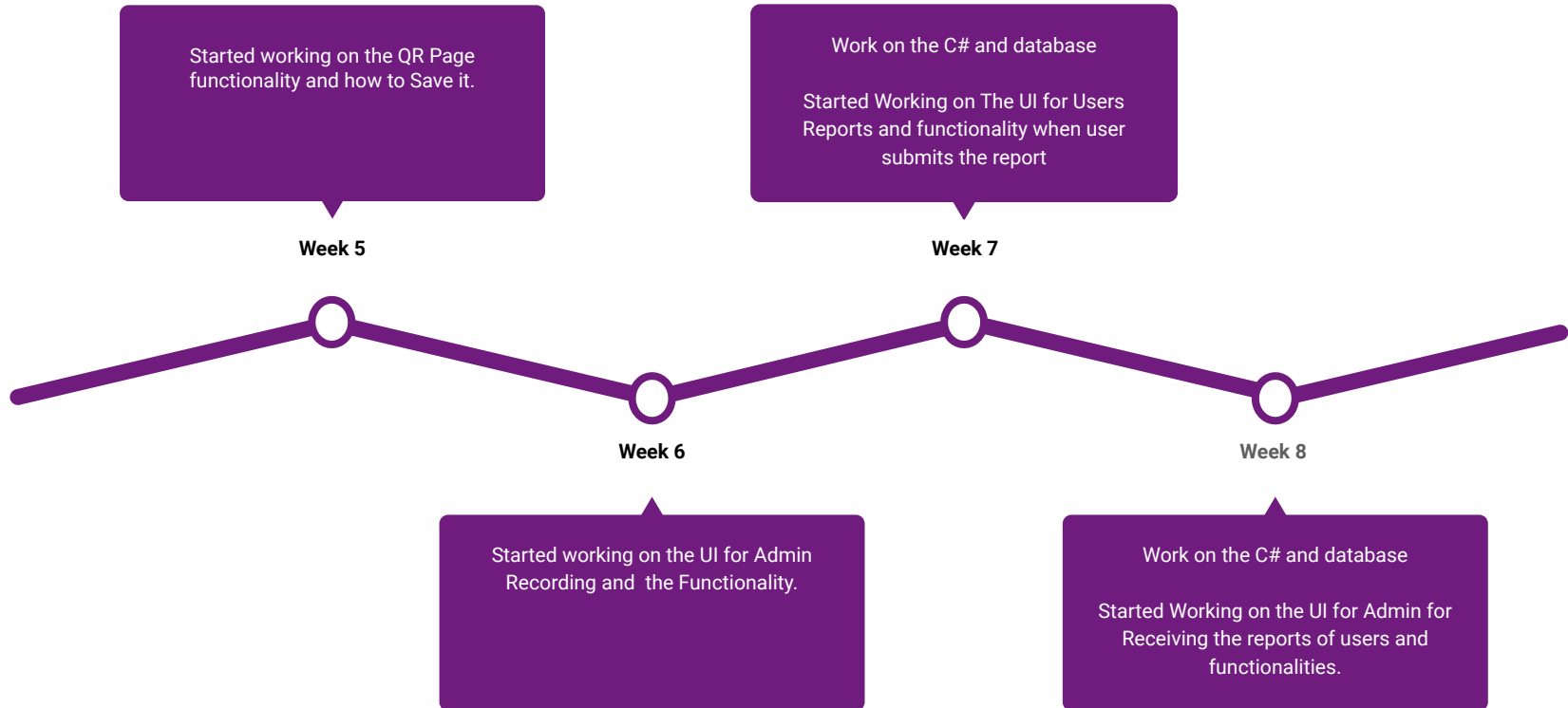
[Account](#)


[Reports](#)


[Records](#)

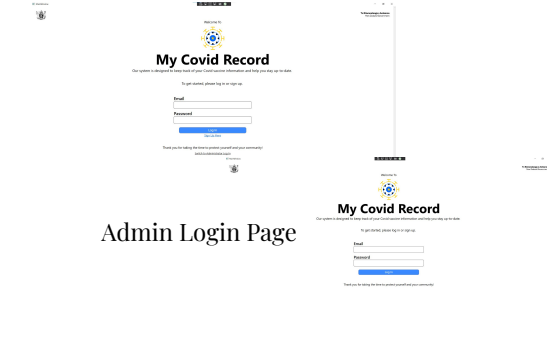
ID	Email	Subject	Description	Actions
1	Dave@gmail.com	Checking for Errors	Currently 1:32 am	Remove
2	Dave@gmail.com	Checking for Presentation	Currently 1:24 am	Remove

Dave's Progress Timeline



Samantha

User Login Page



The User Login Page features a header with the 'My Covid Record' logo and a navigation bar. The main content area has a login form with fields for Email and Password, and a 'Login' button. Below the form, there is a link to 'Forgot your password?'. The footer contains the 'My Covid Record' logo and a copyright notice.

Admin Login Page



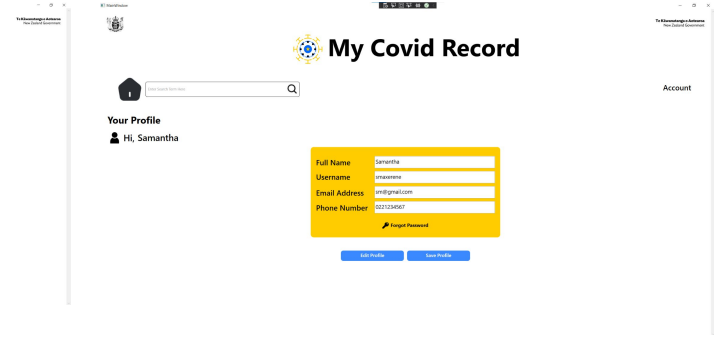
The Admin Login Page is similar to the User Login Page but includes an additional 'Admin' checkbox. The form fields are Email and Password, and the 'Login' button is present. The footer contains the 'My Covid Record' logo and a copyright notice.

User Sign-Up Page



The User Sign-Up Page features a header with the 'My Covid Record' logo and a navigation bar. The main content area has a sign-up form with fields for Full Name, Username, Email Address, Phone Number, Password, and Confirm Password. Below the form, there are 'Sign Up' and 'Cancel' buttons, and a 'Login' button.

User Profile Page



The User Profile Page features a header with the 'My Covid Record' logo and a navigation bar. The main content area has a profile section with a search bar and a 'Your Profile' section. The profile section displays the user's name (Hi, Samantha) and a form with fields for Full Name, Username, Email Address, and Phone Number. Below the form, there is a 'Logout' button and a 'Save Profile' button.

Vaccine Details Page



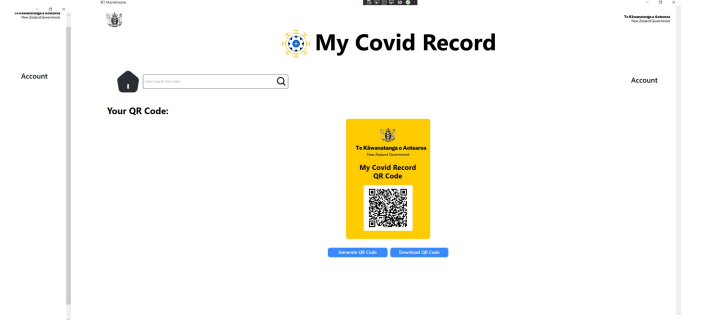
The Vaccine Details Page features a header with the 'My Covid Record' logo and a navigation bar. The main content area has a 'Your Vaccine Details' section with a table showing vaccine records. The table has columns for Sero No., Date of Vaccination, Vaccine, Place, and Status. Below the table, there is a 'Download Certificate' button.

Certificate Page



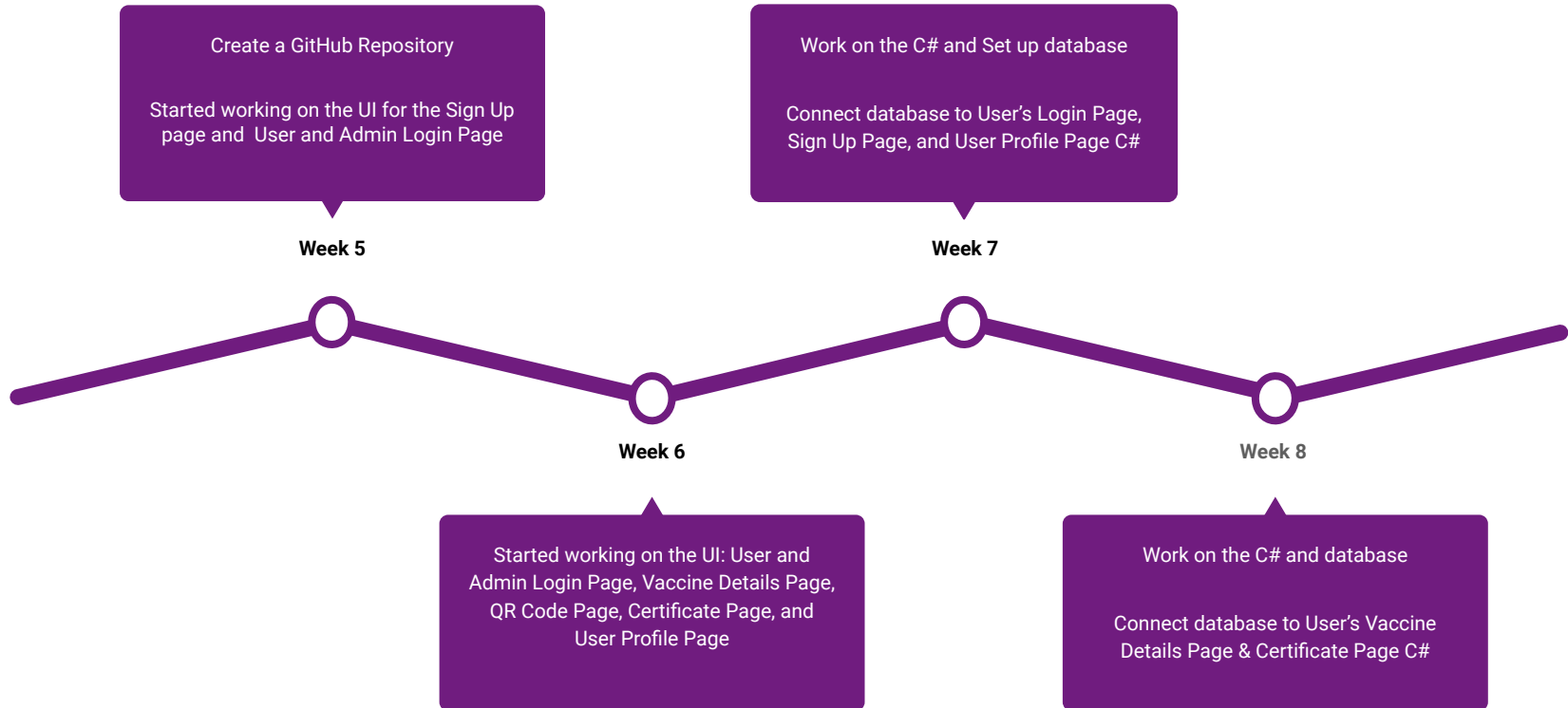
The Certificate Page features a header with the 'My Covid Record' logo and a navigation bar. The main content area has a 'Your Covid-19 Certificate:' section with a form for personal details. The form has fields for Name, Address, Date of Birth, and Certificate ID. Below the form, there is a 'Download Certificate' button.

QR Page



The QR Page features a header with the 'My Covid Record' logo and a navigation bar. The main content area has a 'Your QR Code:' section with a QR code and a 'Download QR Code' button.

Samantha's Progress Timeline



Presenting our
code to you
now...

Conclusion

Despite several struggles with this project, from glitches with GitHub, insufficient communication between the three of us and last minute changes, we were ultimately successful in our task. We created a digitized form of a COVID-19 information tracking system, allowing governments an easier time keeping track of people's COVID and vaccine data and giving individuals an easier job submitting their information to the government and any individuals that may need it. We hope that this would be a system that can be accepted and implemented practically.

Thank You for watching!
