### PROJECT AIM & SCOPE

An effective way of responding to a pandemic, such as COVID, is knowing who you have been recently in contact with and being able to inform them that they may have it if you contract the virus.

Being able to quickly recall who you have been in contact with allows for rapid self-isolation response times, preventing the spread of the virus/disease.

Our application provides a convenient way to keep a track of those you have recently come in contact with.

Users can log who they have met, for how long they have met and if they maintained social distancing.

Users can then view this data as they need it.

### GITHUB LINKS

GitHub was used to store our source code. The links to the source code is provided below:

* For the main MVC project: <https://github.com/Pat12340/CA2>
* For the Console Client Application:

### PLANNING

Before entering planning, we decided on how best to communicate and work on the project simultaneously. We picked several tools that were recommended to us by developers from our respective internship workplaces.

We made use of:

-Slack for communicating

-Jam Boards for initial application planning

-Trello Boards for planning user stories and tasks

-Diagrams.net for our Entity Relationship Diagrams

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| Project Plan | | | |
| *Week Commencing* | *Tasks* | *Tools Used* | *Status* |
| 24th March | Brainstorming session  Draft a proposal  Create initial tables for the Database  Create initial tasks | Slack planning session (23/03/2020)  (33 minutes)  Microsoft Word  Jamboard  Trello | Complete  Complete  Complete  Complete |
| 31st March | Finalizing our database structure  Create Entity Relationship Diagram  Create the MVC solution  Link the solution to the GitHub Repo  Update weekly tasks | Slack planning session  (30/03/2020)  (47 minutes)  Diagrams.net  Visual Studio  Github  Trello | Complete  Complete  Complete  Complete  Complete |
| 7th April | Define the CRUD  Person   * Create a person * View people * Update person * Delete person   Define the CRUD  Contact   * Create a contact * View contact * Update contact * Delete contact   Define the Person and Contact Model | Slack planning session  (07/04/2020)  (1hr 7minutes)  Slack planning session  (08/04/2020)  (1hr 4 minutes)  Slack planning session | Complete  Complete.  Complete |
| 14th April | Create a Person and contact and have it stored in the database  Style the Landing Page | Visual Studio  Visual Studio | Complete  Complete |
| 21st April | Plan for Authentication  Create a User table  Link each row in the Person table to one-and-only-one user in the User Table | Slack planning session  (26/04/2020)  (29 minutes)  Visual Studio  Visual Studio | Complete  Complete  Complete |
| 28th April | Implementation that allows a Person to create multiple contacts that are linked only to that person  Begin documentation  Create a Console Application | Team Slack Coding Session  (30/04/2020)  (1hr 38minutes)  Microsoft Word  Visual Studio | Complete  Complete  Complete |
| 4th May | Complete the documentation | Microsoft Word | Complete |