**CCT College Dublin**

**Assessment Cover Page**

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| **Module Title:** | Mobile Development |
| **Assessment Title:** | App Building with MIT App Inventor |
| **Lecturer Name:** | Ru Hickson |
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| **Student Number:** | Sba22484 |
| **Assessment Due Date:** | 28/05/2023 23:59 |
| **Date of Submission:** | 26/05/2023 |

**Declaration**

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| By submitting this assessment, I confirm that I have read the CCT policy on Academic Misconduct and understand the implications of submitting work that is not my own or does not appropriately reference material taken from a third party or other source. I declare it to be my own work and that all material from third parties has been appropriately referenced. I further confirm that this work has not previously been submitted for assessment by myself or someone else in CCT College Dublin or any other higher education institution. |

# EatRite App

I have developed a meal ordering app aimed at providing healthy lunches to people who are too busy during the week to cook. The app allows users to enter their address, which the app then checks if the address is in the delivery area (at the moment is 50/50 chance at random for demo purposes). If the address is served it will move the user to the order page, if the address is not served it allows the user to enter their email to get an update when the app launches in their area.

On the order page the user can select which day they would like to order food for, once the days are selected the user can select 1 of 3 meals for each day, when a meal is selected, a popup will appear showing a photo of the meal and the nutritional information. Once the user has selected their meals, they can press the order button which navigate to the payment page where it will show them their receipt and the total cost of their order.

When the pay button is pressed the user will be shown the complete page.  
  
When designing this app I first drew out the pages on a sheet of paper so that I knew what I was building towards, I also drew out a flow of which pages would lead to the next page.

The main challenge faced when building this app was figuring out how to work with list within lists which was used to show which meals were for which day of the week. Another issue was figuring out how to import a list via a CSV file. This CSV file is used to hold the meals.