

CCT College Dublin

Assessment Cover Page

Module Title:	Mobile Development
Assessment Title:	App Building with MIT App Inventor
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Assessment Due Date:	Sunday, 28th May at 23:59
Date of Submission:	Saturday, 27 th May

Declaration

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.

App Building with MIT App Inventor

Daily Recipes app report

The main screen highlights the recommended recipes of the day aligned vertically. The design of this screen involves a main scrollable vertical arrangement which incorporates the recipes. Each recipe block contains a canvas with the according image and a button. A simple tap on the image or the button will redirect the user to the desired recipe screen.

The other four screens of the app represent the recipe pages. The pages have the same structure, spacing, alignment and the same logic in order to maintain a smooth user experience. Each of these pages contains scrollable vertical arrangements and will display the information as two separate tabs: Instructions and Comments. Pressing one of the buttons will display a block of info and hide the other one, depending on what the user wants to access. The “Instructions” tab displays a guide on how to make the recipe and a button that will play the audio for the recipe. The “Comments” section displays a predefined list of comments and lets the user post his own. The comment will be added in the list and the list will be refreshed and displayed to the user again. Databases were not used, so the comments are not saved after exiting the page. There is also functionality to go back to the main page by adding a back button. This action is also implemented for when pressing the back button of the phone itself. These back buttons will also stop the sound played from the audio recipe.

The challenges faced when building the app are all related to functionality and design constraints. MIT App Inventor does not allow too much flexibility in the design and the implementation and this makes it tough to develop the best possible scenarios.

Link to Github repository: https://github.com/morfsradio/mobdev_ca1.git