CCT College Dublin

Assessment Cover Page

Module Title:	Mobile Development
Assessment Title:	App Building with MIT App Inventor
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Declaration

Contents

Introduction

The objective of this work is to create an application for cell phones using the MIT tool and all its resources and methodologies applied in the current development market. The application must be easy to navigate but structured by solid functionalities that generate the expected quality.
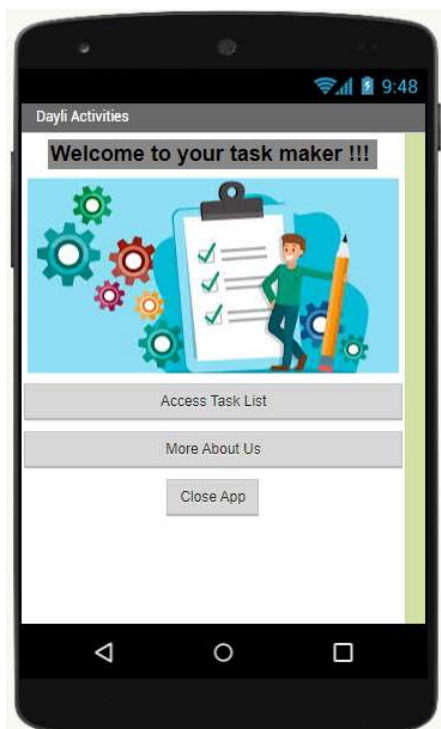
Daily Activities 2023

The "Daily Activities 2023" application was entirely developed using the open source MIT app inventor tool, which contains a very intuitive development style for people who do not have much contact with development at first, as they work through functional blocks that are structured in a according to the needs of each functionality.

In this application I applied some functionalities through procedures that facilitate a future implementation or changes if necessary, with a focus on reuse and storing the entire list in a local database.

This application aims to create a list of daily tasks that the user would include according to their needs and priorities to remind them of their plans and is subdivided into three navigation pages as follows:
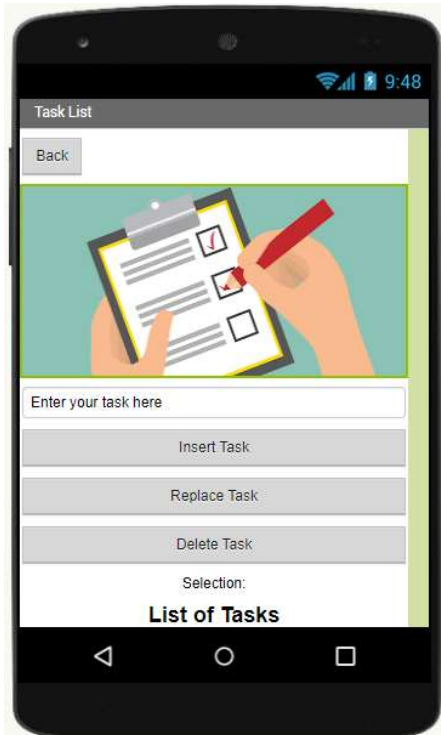
Home Screen – Daily Activities

- Button "**Access Task List**" which will give access to all the functionality related to the creation and manipulation of the list.

- Button "**More About Us**" button which will give you access to all information about the application's developers.

- Button "**Close App**" button which will close all application processing on the smartphone.

- When pressed, all the buttons will play a sound file in .mp3 to attest that the function has been selected.

Your navigation takes place only in the clicks of the buttons.

Task List

- Button "**Back**" to return to the main menu.

- Textbox "**Enter your task here**" to enter the description of the activity that will be added, replaced or deleted.

- Button "**Insert Task**" to include the activity that was described in the field above.

- Button "**Replace Task**" to replace the activity that was selected and rewritten in the field above.

- Button "**Delete Task**" to delete the activity that was selected in the Task List below.

- ListView "List of Tasks" to view all tasks already included.

- When pressed, all the buttons will play a sound file in .mp3 to attest that the function has been selected.

To insert a task, type the task you want to include in the "Enter your task here" field and click on the "Insert Task" button and your task can be viewed in the "List of Tasks".

To replace a task, it is necessary that it exists in the "List of Tasks", click on the task, type the task correctly in the "Enter your task here" field and click on the "Replace Task" button.

To delete a task, it is necessary that it exists in the "List of Tasks", click on the task and click on the "Delete Task" button.

More About Us

- Button "**Back**" to return to the main menu.

- Some information about of developer like Website and email to contact.

https://github.com/clteixeira/mobileMitApp.git