

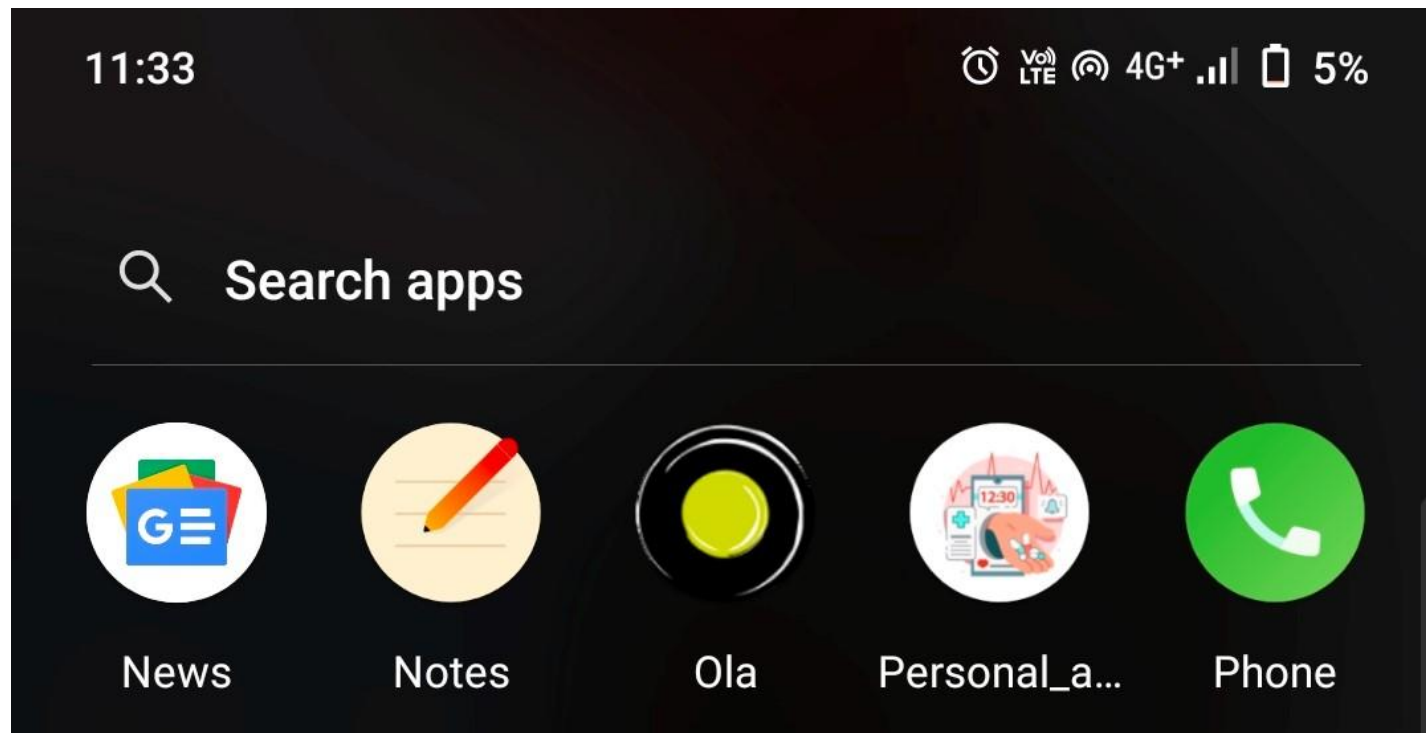
## Project Development Phase

### Sprint 4

Date	17 November 2022
Team ID	PNT2022TMID32584
Project Name	Project – Personal Assistance for Seniors Who are Self Reliant.

MIT app inventor :

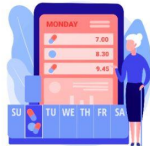
App name: Personal\_Assistance:



## Application UI:

10:53   4G+   3%

Medicine remainder



## Enter medicine name

eg: dolo659

**Enter time : (H : M)**

H	M
---	---

**Enter date : ( d:m:y )**

d	m	y
---	---	---

### Set remainder




Setting the Reminder:

10:54

4G+

3%

Medicine reminder



Enter medicine name

dolo

Enter time : ( H : M )

22

55

Enter date : ( d:m:y )

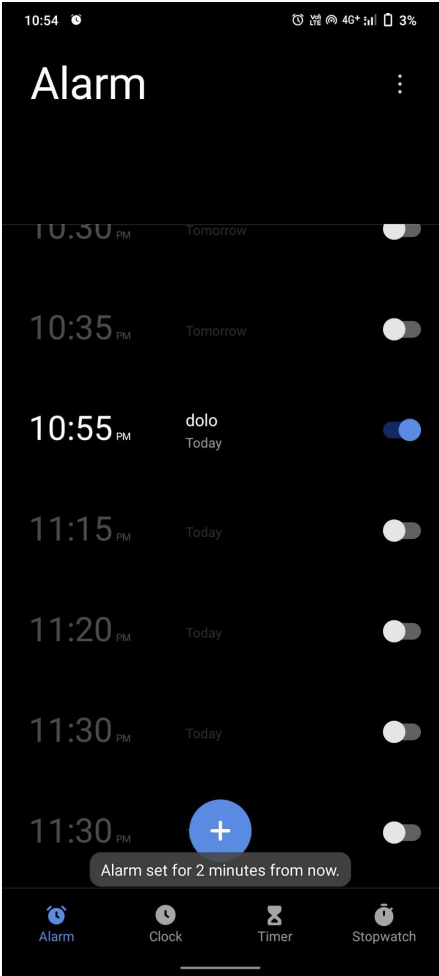
17

11

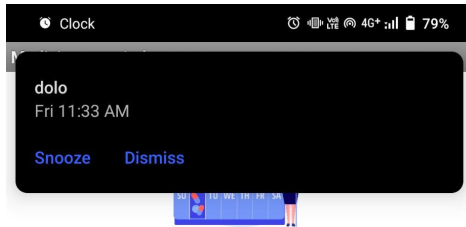
2011

Set remainder

Alarm Set:



## Getting a Reminder:



Enter medicine name

Enter time : (H : M)

Enter date : ( d:m:y )

Set remainder

## Blocks of the Application:

The screenshot displays the MIT App Inventor web interface for a project named "Personal\_assistance". The interface is divided into three main sections: Blocks, Viewer, and Designer.

**Blocks:** The left sidebar shows the "Built-in" blocks palette, categorized into Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, and Procedures. The "Screen1" section is expanded, showing components like VerticalArrangement1, Image1, Label1, TextBox1, Label2, and HorizontalArrangement1.

**Viewer:** The central area displays the code blocks for the application. The code is organized into three main event-driven blocks:

- when Button1 Clicked:** This block triggers a "call Web2 Get" block with a URL of "https://node-red-ayam-2022-11-09-eu-gb.mybluemix.net".
- when Clock1 Timer:** This block triggers a "set Web1 Uri" block with a URL of "https://node-red-ayam-2022-11-09-eu-gb.mybluemix.net", followed by a "call Web1 Get" block. It then branches into two "if" blocks. The first "if" block checks if "Clock1.Hour" is equal to "TextBox3.Text". If true, it triggers a "call Clock1 Minute" block, which then triggers a "call Clock1 Now" block, which finally triggers a "call TextToSpeech1 Speak" block with a message of "Its time to take" and "TextBox1.Text". The second "if" block checks if "Clock1.Minute" is equal to "TextBox2.Text". If true, it triggers a "call TextToSpeech1 Speak" block with a message of "Its time to take" and "TextBox1.Text".
- when Web1 GotText:** This block triggers a "set Label1 Text" block with a value of "look up in pairs key name", followed by a "call Web1 JsonTextDecode" block, which then triggers a "set Label2 Text" block with a value of "look up in pairs key time", followed by another "call Web1 JsonTextDecode" block.

**Designer:** The right sidebar shows the visual components of the application. It includes a "Button1" component and two "Label" components (Label1 and Label2). The "Show Warnings" button is visible at the bottom of the Designer area.

The bottom status bar shows the Windows taskbar with the search bar, taskbar icons, and system tray information including temperature (29°C), weather (Haze), and time (11:20, 18-11-2022).

## Connections Made:

