

Final Delivery

Date	19 November 2022
Team ID	PNT2022TMID49521
Project Name	IOT – Smart Waste Management Systems for Metropolitan Cities

1. Final Code for Customer Review App

i. Opening Screen

11/11/22, 7:10 PM MIT App Inventor

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Harmful_Waste_Detector Screen1 Add Screen... Remove Screen Publish to Gallery Designer Blocks

Blocks

- Built-in
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures
 - Screen1
 - HorizontalArrangement1
 - Image1
 - Label1
 - Clock1
 - Any component

Viewer

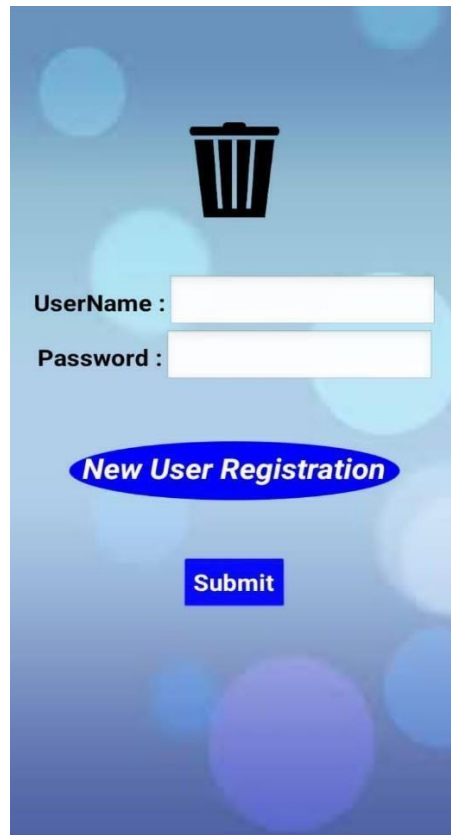
when Clock1.Timer do open another screen screenName Screen2

Show Warnings



ii. Login Screen





A registration form titled "New User Registration" on a blue background with bokeh effects. At the top is a trash can icon. Below it are two input fields: "UserName :" and "Password :". A blue oval button labeled "New User Registration" is centered below the fields. At the bottom is a blue rectangular button labeled "Submit".

iii. Registration Screen

Blocks

Built-in

Control

Logic

Math

Text

Lists

Dictionaries

Colors

Variables

Procedures

Screen3

VerticalArrangement1

HorizontalArrangen

HorizontalArrangen

HorizontalArrangen

Image1

HorizontalArrangen

Viewer

when Button1 . Click

do

set FirebaseDB1 . ProjectBucket to " "

call FirebaseDB1 . StoreValue

tag " Name "

valueToStore TextBox4 . Text

call FirebaseDB1 . StoreValue

tag " Password "

valueToStore TextBox5 . Text

call FirebaseDB1 . StoreValue

tag " Address "

valueToStore TextBox3 . Text

call FirebaseDB1 . StoreValue

tag " E-Mail ID "

valueToStore TextBox2 . Text

call FirebaseDB1 . StoreValue

tag " Whatsapp Number "

valueToStore TextBox1 . Text

Show Warnings

when Button2 . Click

do

open another screen screenName Screen2

+

-

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Username :

Password :

Address :

E-Mail ID :

Whatsapp Number :

[Submit](#)

[Back to HomePage](#)

iv. Comment Screen

11/11/22, 6:52 PM MIT App Inventor

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Harmful_Waste_Detector Screen4 Add Screen ... Remove Screen Publish to Gallery Designer Blocks


Blocks

- Built-in
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures
 - Screen4
 - VerticalArrangement1
 - HorizontalArranger
 - HorizontalArranger
 - HorizontalArranger
 - Image1
 - HorizontalArranger

Viewer

```
when Button1.Click
do
  set FirebaseDB1.ProjectBucket to 
  call FirebaseDB1.StoreValue
    tag Complaint
    valueToStore TextBox1.Text
```

0 0 Show Warnings

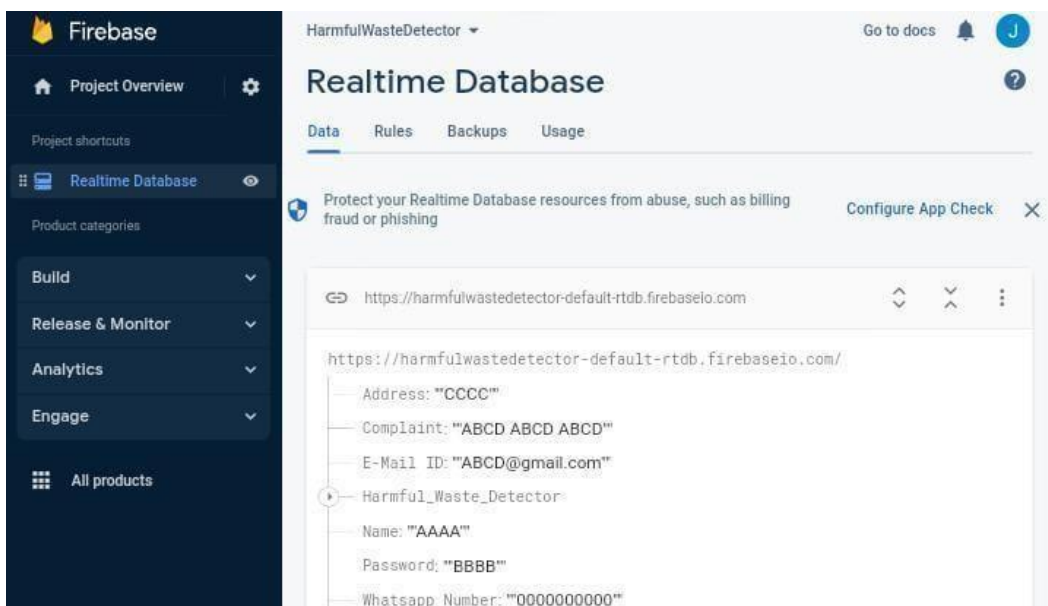


Garbage Bin

Comment your Issue :

Submit

v. Storing Comment Data



The screenshot shows the Firebase Realtime Database interface. The left sidebar contains the Firebase logo and navigation links: Project Overview, Realtime Database (selected), Build, Release & Monitor, Analytics, Engage, and All products. The main area displays the Realtime Database for the project 'HarmfulWasteDetector'. The 'Data' tab is active, showing a JSON object stored at the path `https://harmfulwastedetector-default-rtdb.firebaseio.com/`. The JSON object contains the following data:

```
{  "Address": "CCCC",  "Complaint": "ABCD ABCD ABCD",  "E-Mail ID": "ABCD@gmail.com",  "Harmful_Waste_Detector": {    "Name": "AAAA",    "Password": "BBBB",    "Whatsapp Number": "0000000000"  }}
```