PROJECT DEVELOPMENT PHASE
Sprint – 3

DATE	**30 OCTOBER 2022**
TEAM ID	**PNT2022TMID28556**
PROJECT NAME	**GAS LEAKAGE MONITORING ALERTING SYSTEM FOR INDUSTRIES**

Task:

A mobile application for monitoring the Environmental parameters around the region of sensor has been developed using MIT App Inventor.

Screens Information:

1. **Screen – 1:** It is the entry screen of the mobile application and will be displayed only for 3 seconds.
2. **Screen – 2:** It is the login page of the application. Each user has their own user id and password, which is known only to them.

After validating the credential, User can access the data produced by their devices.

3. **Screen – 3:** Environmental parameters such as Temperature, Humidity & Gas Concentration are displayed in this page.

Designer:

Images displayed in the Designer section, displays the Front-End of the user interface.

Regular users can view the Designer section whenever they start the application.
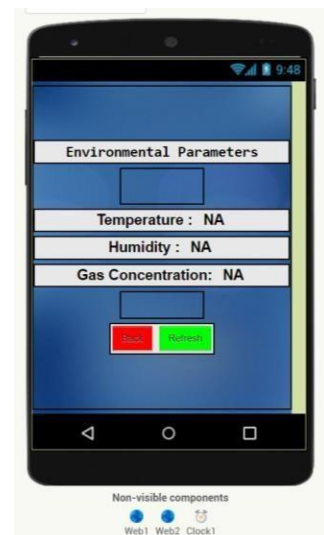
Screen-1:

Screen – 2:

Non-visible components

Notifier1

Screen-3

Environmental Parameters

Temperature : NA

Humidity : NA

Gas Concentration: NA

Back   Refresh

Non-visible components

Web1 Web2 Clock1

Blocks:

Images displayed in the Blocks section, displays the Back-End of the Mobile Application.

Only developers have access to view and modify it.

Proper working of the Application solely depends on the code developed in the Block section.

Screen - 1

```
when  Clock1 ▾ .Timer
do    open another screen  screenName   Screen2 ▾
```

Screen-2

```
when  Button1 ▾ .Click
do    ⚙ if    ⚙   TextBox1 ▾ . Text ▾  = ▾  " 123 "  and ▾  PasswordTextBox1 ▾ . Text ▾  = ▾  " 123 "
      then  open another screen  screenName  Screen3 ▾
      else  call  Notifier1 ▾ .ShowAlert
                       notice  " Invalid Credentials "
```