MIT app codes and Blocks

| Date	12 November 2022
Team ID	PNT2022TMID18041
Project Name	Hazardous Area Monitoring for Industrial Plant powered by IoT
Maximum Marks	

Screen 1:
Designer & Blocks

Screen 2:
Designer & Blocks

The code blocks shown:
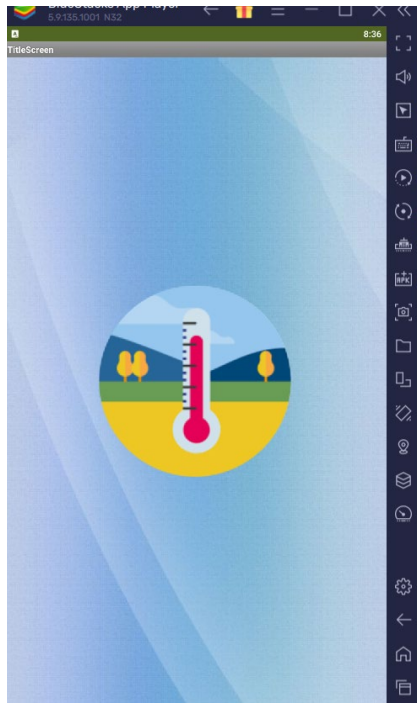
```
when Button1 .Click
do   if   TextBox2 . Text  =  " kaushik "  and  PasswordTextBox1 . Text  =  " kaushik "
     then   open another screen  screenName   Screen3
     else   call Notifier1 .ShowAlert
                         notice   " Invalid credentials "
```
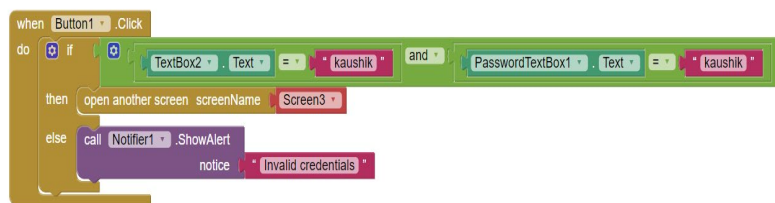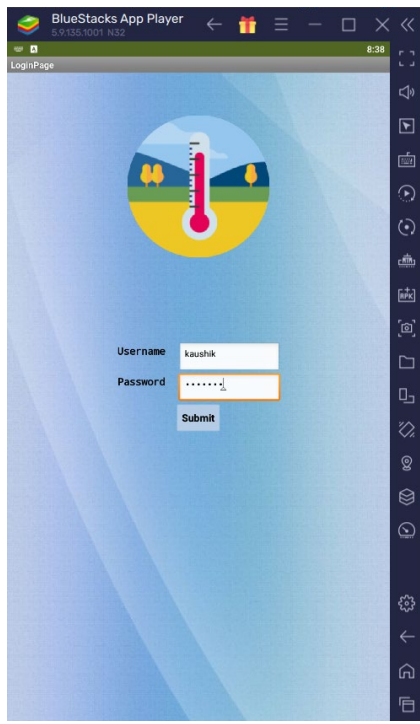
Screen 3:
Designer & Blocks

Temperature monitoring

Temperature: 70

High temperature reading
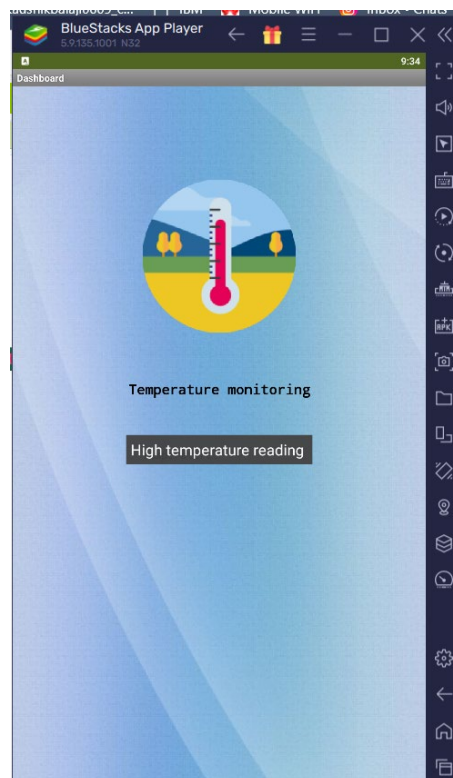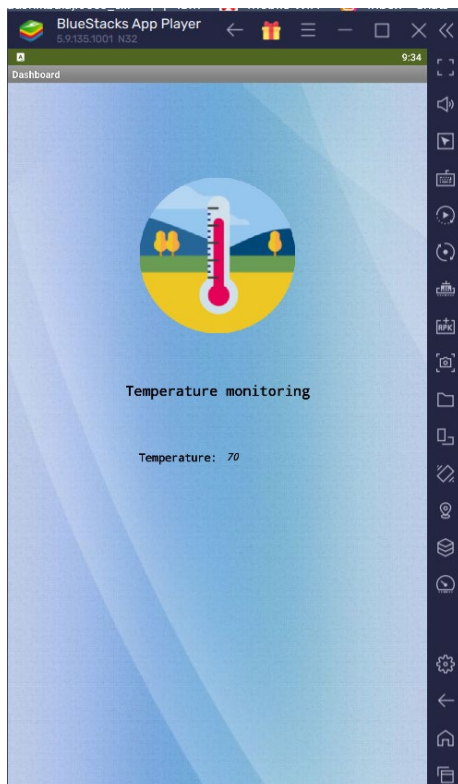
Block for receiving value from the site

```
when  Web1 ▾  .GotText
  url  responseCode  responseType  responseContent
do  set  Label3 ▾ . Text ▾  to    look up in pairs  key    " temp "
                                             pairs    call  Web1 ▾  .JsonTextDecode
                                                                jsonText    get responseContent ▾
                                          notFound    " not found "
    if     Label3 ▾ . Text ▾   > ▾   90
    then  call  Notifier1 ▾  .ShowAlert
                      notice    " High temperature reading "
```
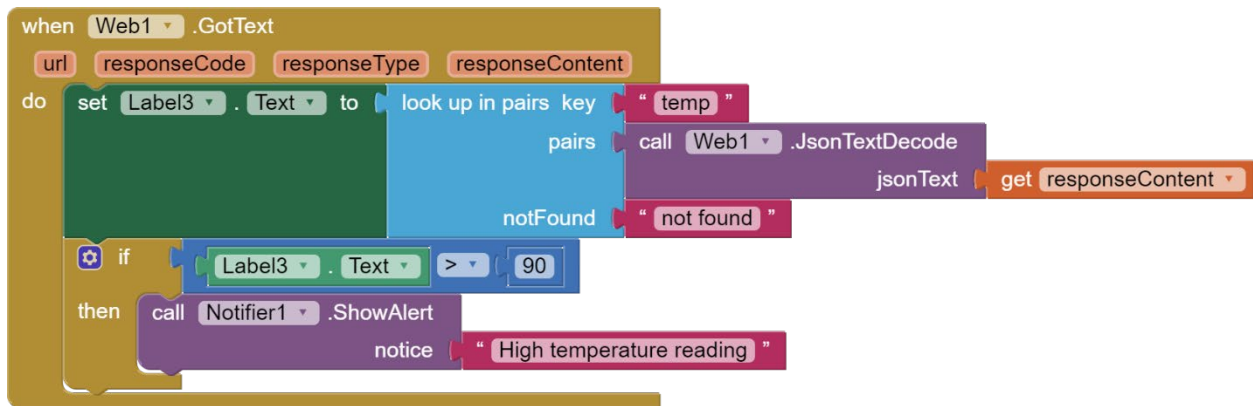
Block for connecting the screen to required site

```
when  Clock1 ▾  .Timer
do  set  Web1 ▾ . Url ▾  to    " http://169.51.207.57:30634/sensor "
    call  Web1 ▾  .Get
```