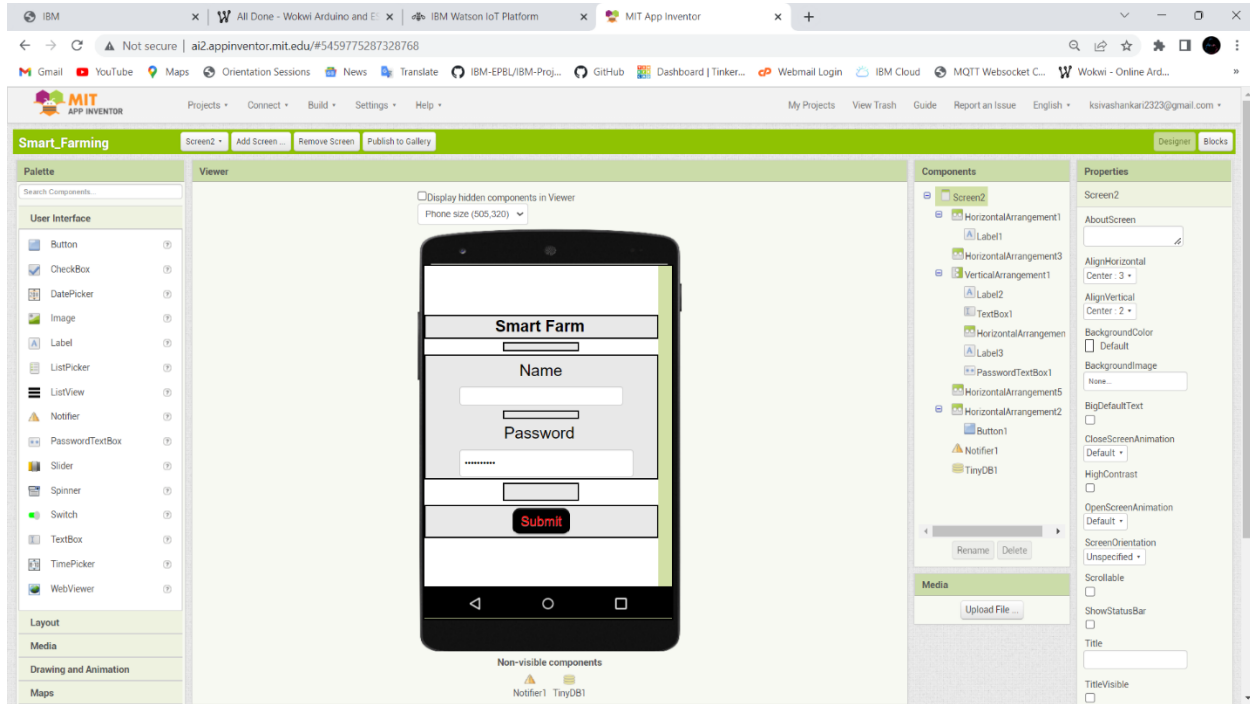
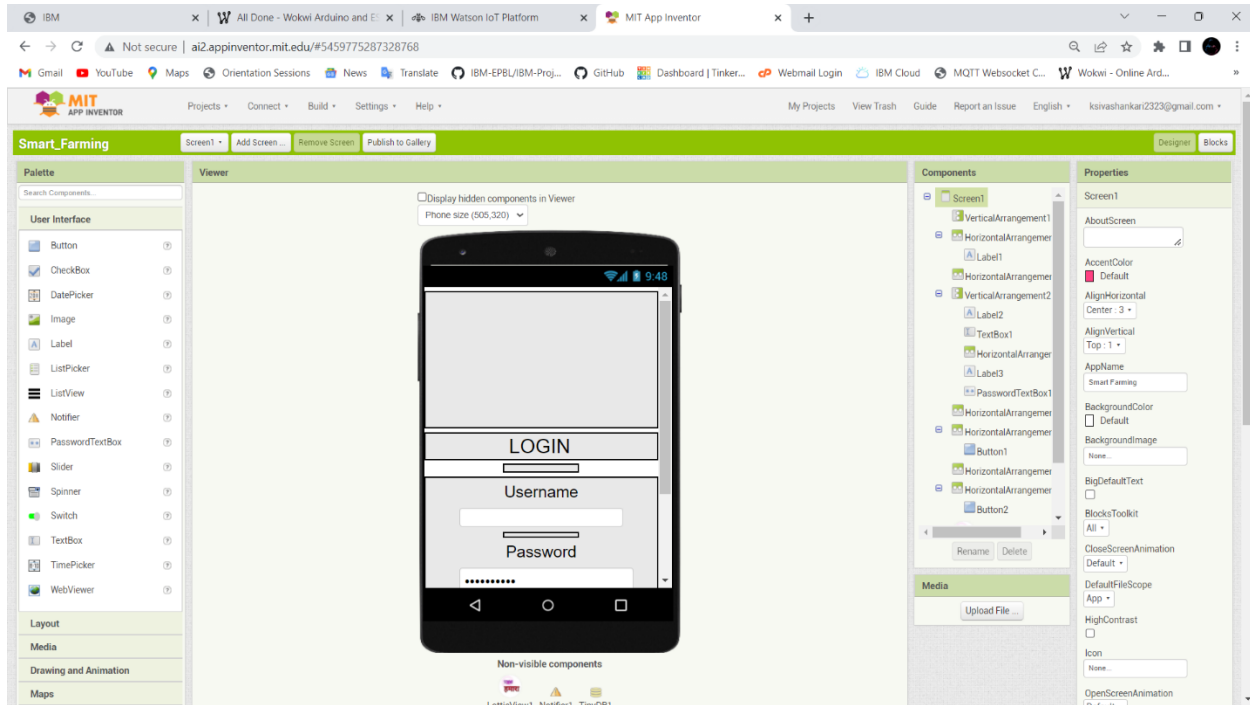
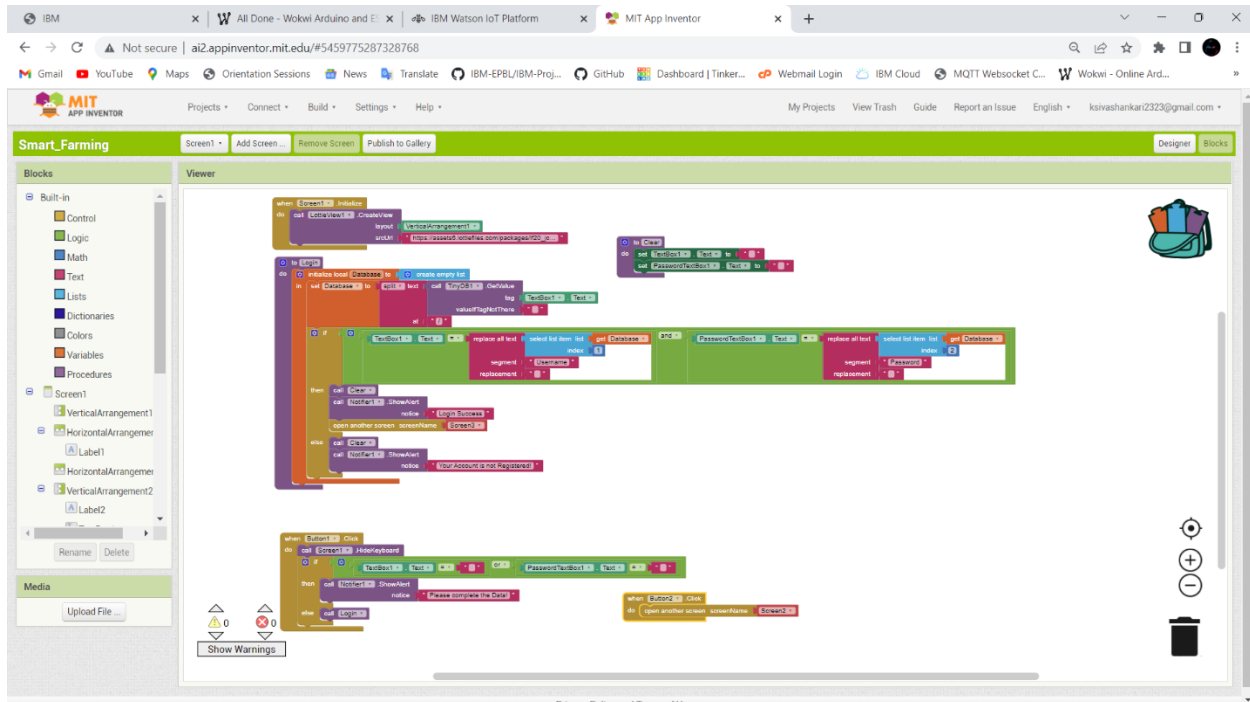
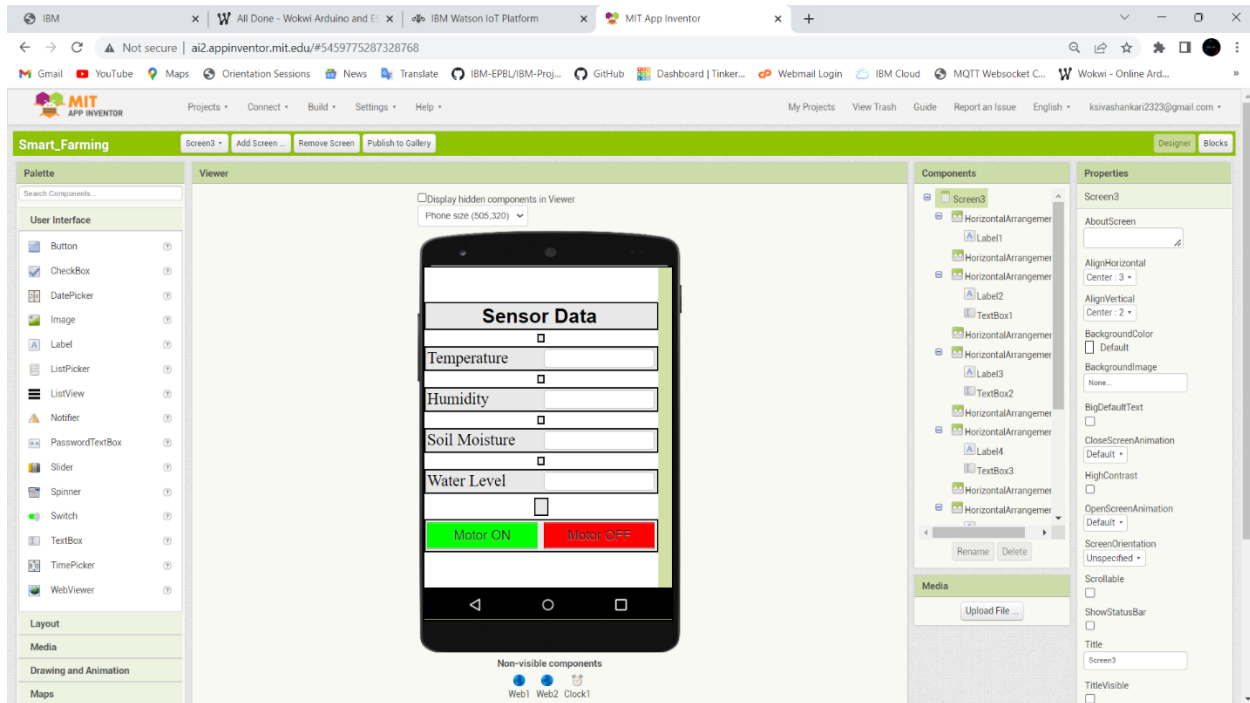


# Develop a mobile application





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### Smart\_Farming

Screen2 Add Screen Remove Screen Publish to Gallery Designer Blocks

**Blocks**

- Built-in
  - Control
  - Logic
  - Math
  - Text
  - Lists
  - Dictionaries
  - Colors
  - Variables
  - Procedures
- Screen2
  - HorizontalArrangement
    - Label1
  - HorizontalArrangement
    - Label2
  - VerticalArrangement1
    - Label2

Media Upload File

**Viewer**

to Screen2

- do
  - initialize local CheckData to false
  - for each item in list
    - call myGdb1 GetTags
    - if Contains test get tag name
      - then set CheckData to true
  - if get CheckData = true
    - then call Notify1 ShowAlert notice Username Already Registered
    - call Clear
    - else call SaveDataTinyDb call SaveDataTinyDb tag Username valueToStore Username join TextBox1 Text Password PasswordText1 PasswordText1 Text
    - call Notify1 ShowAlert notice Account Registered Successfully
    - call Clear
    - open another screen screenName Screen1

when Button1 Click

- do
  - call Screen2 HideKeyboard
  - if TextBox1 Text or PasswordText1 Text
    - then call Notify1 ShowAlert notice Motion Complete Data
    - else call Screen2

to Clear

- do
  - set TextBox1 Text to
  - set PasswordText1 Text to

to SaveDataTinyDb

- do
  - call TinyDb1 StoreValue tag Username valueToStore Username join TextBox1 Text Password PasswordText1 PasswordText1 Text

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Media Upload File

**Viewer**

when Gdbk1 Timer

- do
  - set Web1 Uri to https://node-red-fast-2022-10-01-eu-gb-mybluemix
  - call Web1 Get

when Web1 Get finished

- uri responseCode responseType responseContent
- do
  - set TextBox1 Text to look up in pairs key Temperature
    - not found not found call Web1 JsonTextDecode jsonText get responseContent
  - set TextBox2 Text to look up in pairs key Humidity
    - not found not found call Web1 JsonTextDecode jsonText get responseContent
  - set TextBox3 Text to look up in pairs key Soil Moisture
    - not found not found call Web1 JsonTextDecode jsonText get responseContent
  - set TextBox4 Text to look up in pairs key Water Level
    - not found not found call Web1 JsonTextDecode jsonText get responseContent

when Button1 Click

- do
  - set Web2 Uri to https://node-red-fast-2022-10-01-eu-gb-mybluemix
  - call Web2 Get

when Button2 Click

- do
  - set Web2 Uri to https://node-red-fast-2022-10-01-eu-gb-mybluemix
  - call Web2 Get



# LOGIN

Username

Password

Login

Don't have an account? Sign Up



## Smart Farm

Name

Password

**Submit**



## Sensor Data

Temperature

9

Humidity

36

Soil Moisture

94

Water Level

54

Motor ON

Motor OFF

