

Sprint - 1

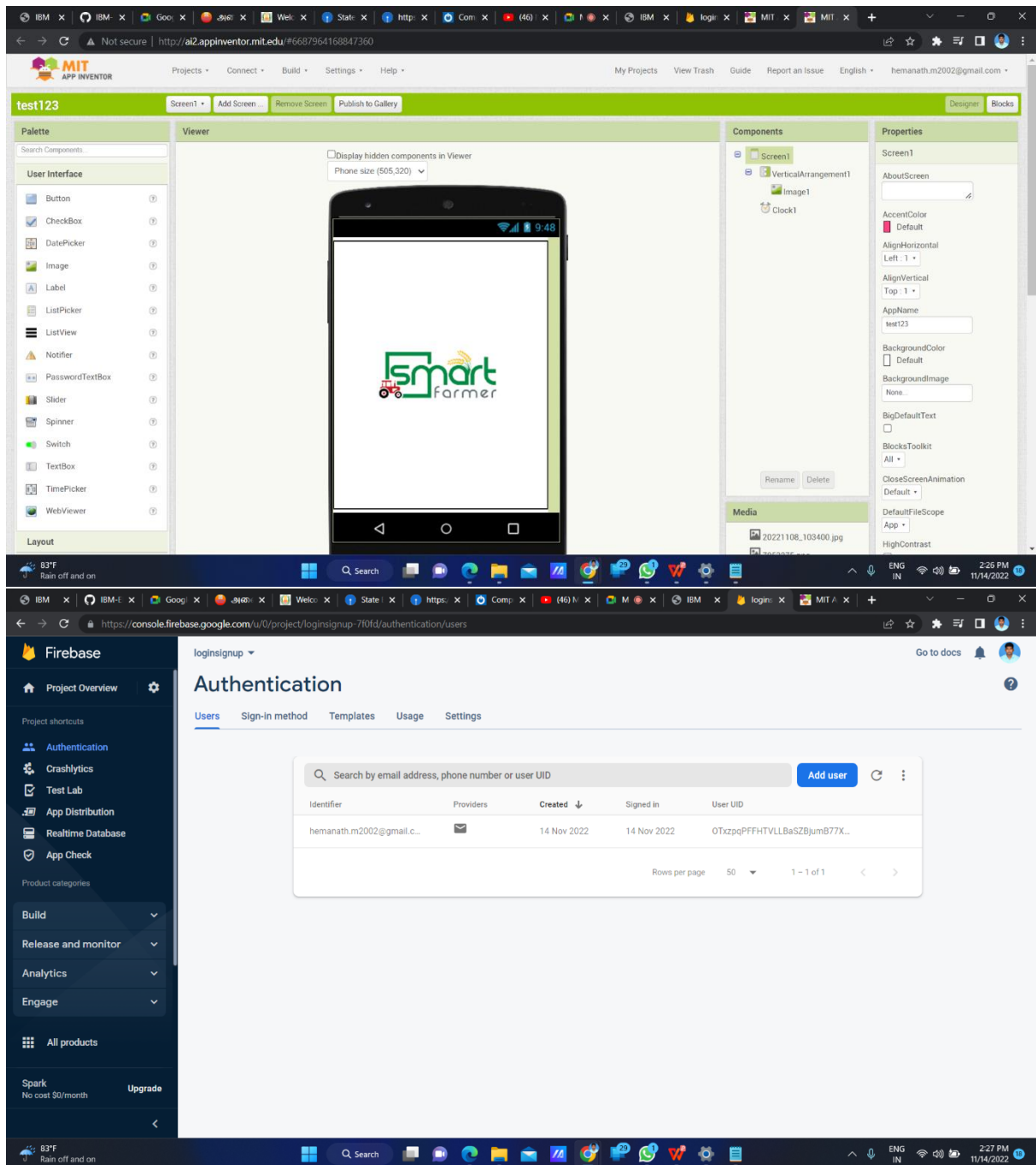
Creation of Register/ Sign Up and Login

Team ID	PNT2022TMID37214
Project Name	Project - Smart Farmer – IOT Enabled Smart Farming Application

Smart Farmer Android application

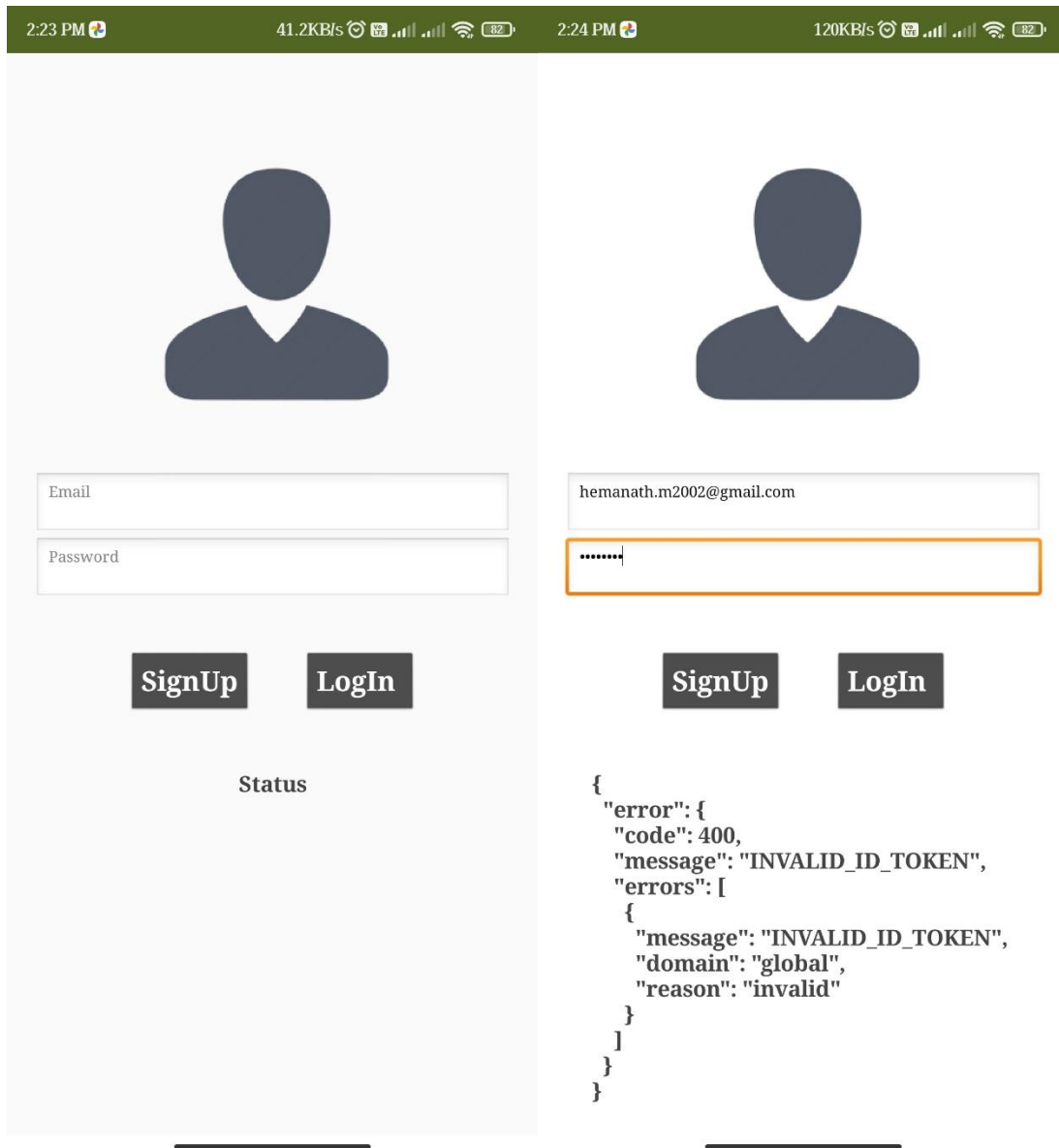
Requirements:

- MIT app inventor
- Firebase



The image displays two screenshots from a computer screen. The top screenshot shows the MIT App Inventor web interface. The central canvas features a mobile app preview with a logo that reads 'Smart farmer' in green and red text. The interface includes a 'Palette' on the left with various UI components like Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, Switch, TextBox, TimePicker, and WebViewer. The 'Properties' panel on the right shows settings for 'Screen1', including 'AboutScreen', 'AccentColor', 'AlignHorizontal', 'AlignVertical', 'AppName' (test123), 'BackgroundColor', 'BackgroundImage', 'BigDefaultText', 'BlocksToolkit', 'CloseScreenAnimation', 'DefaultFileScope', and 'HighContrast'. The bottom screenshot shows the Firebase console's 'Authentication' page. It includes a search bar and a table of users. The table has columns for Identifier, Providers, Created, Signed in, and User UID. One user is listed with the email 'hemanath.m2002@gmail.c...' and a User UID of 'OTxqpPFFHTVLLBaSZBjumB77X...'. The page also shows 'Rows per page' set to 50 and '1 - 1 of 1'.

Identifier	Providers	Created	Signed in	User UID
hemanath.m2002@gmail.c...		14 Nov 2022	14 Nov 2022	OTxqpPFFHTVLLBaSZBjumB77X...



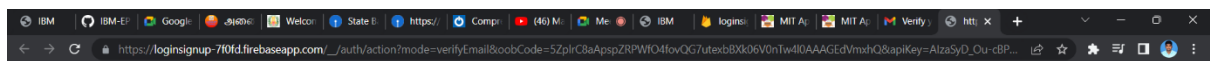
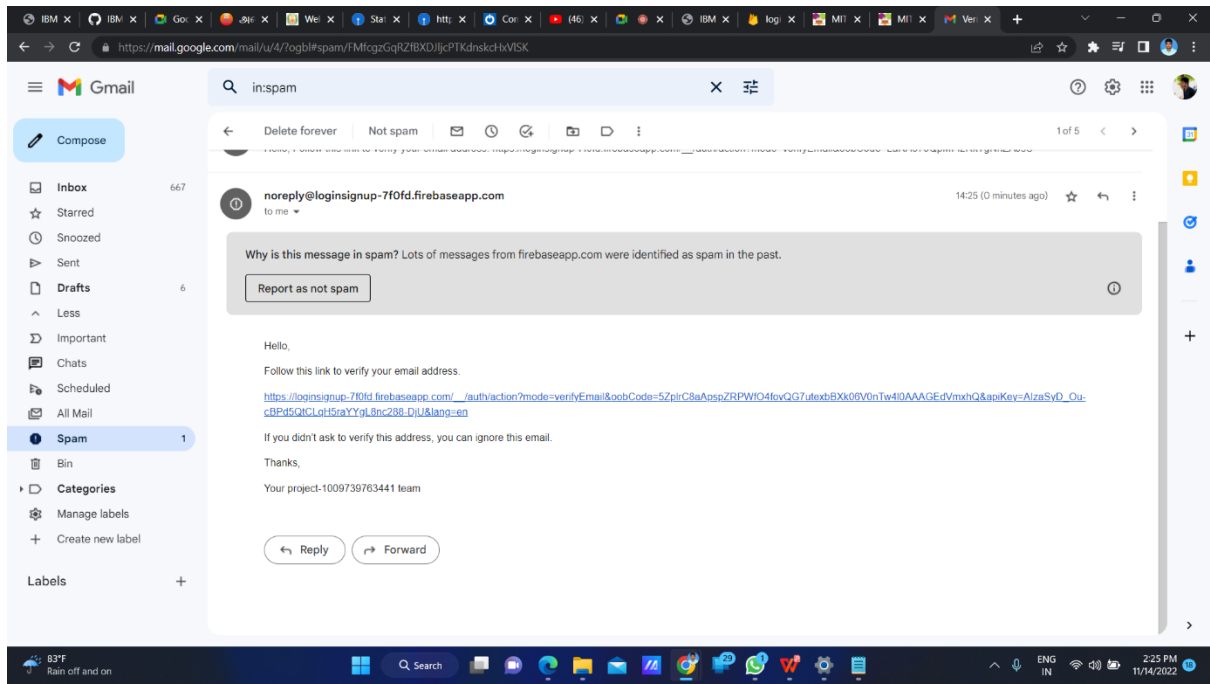
Process

1. User can fill the Email and Password details and click on sign up button.
2. Then get authentication link via Email.
3. Once click the link Email can be verified.
4. Next again fill the Email and Password details.
5. Click Login button.
6. If above credentials are true then will go for dashboard.

[SignUp](#)[LogIn](#)[SignUp](#)[LogIn](#)

```
{
  "kind": "identitytoolkit#GetOobConfirmationCodeResponse",
  "email": "hemanath.m2002@gmail.com"
}
```

```
{
  "kind": "identitytoolkit#GetAccountInfoResponse",
  "users": [
    {
      "localId": "OTxzpqPFFHTVLLBaSZBjumB77Xh1",
      "email": "hemanath.m2002@gmail.com",
      "passwordHash": "UkVEQUNURUQ=",
      "emailVerified": true,
      "passwordUpdatedAt": 1668416122471,
      "providerUserInfo": [
        {
          "providerId": "password",
          "password": "*****"
        }
      ]
    }
  ]
}
```



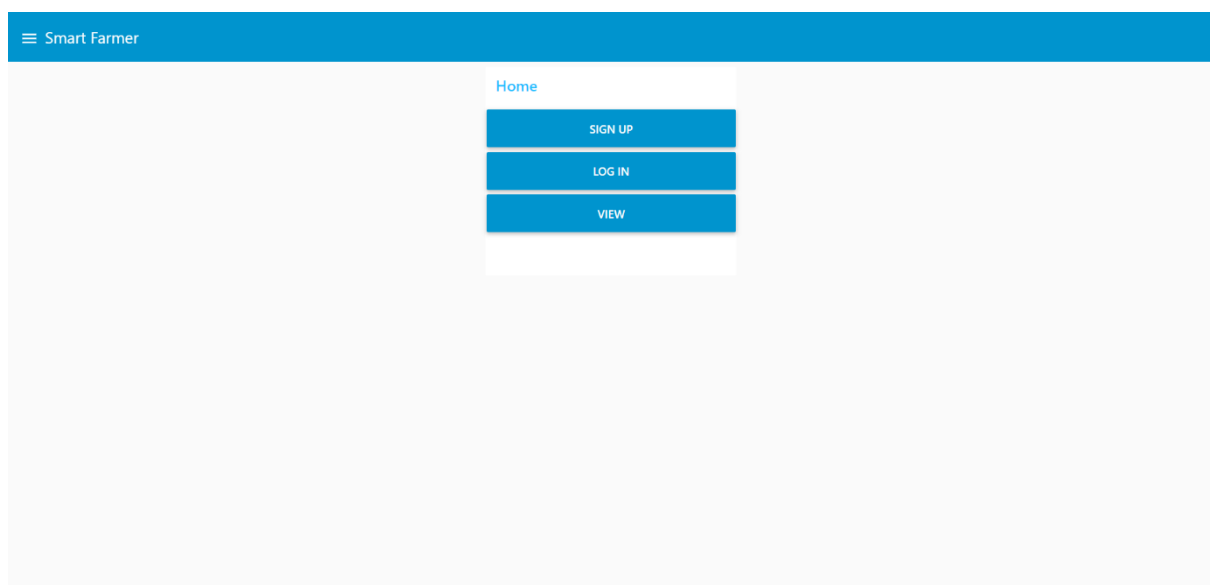
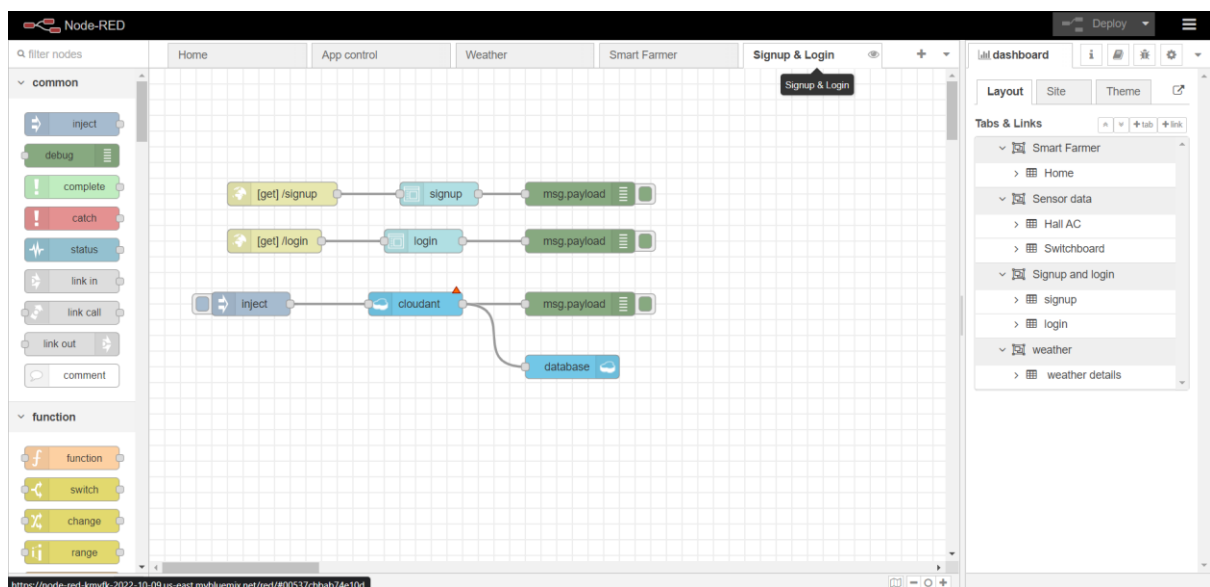
Smart Farmer WebUI

Requirements

- NodeRed
- Cloudant

Process

1. User can fill the Username, Email, Mobile No, Date of Birth and Password details and click on sign up button.
2. It will insert data into Cloudant DB
3. Next again fill the Email, Mobile Number and Password details.
4. Click Login button.
5. If above credentials are correct then will go for dashboard.



signup

signup

Username *

Email *

Date of Birth *



Password *

Mobile No *

SUBMIT

CANCEL

login

login

Email *

Mobile No *

Password *

SUBMIT

CANCEL

IBM x IBM x Proj x .NET x Web x State x http x IBM x Fire x Nod x Nod x Serv x Clov x

https://674231d9-28bd-48c3-9d7d-4aa2d67aca8c-bluemix.cloudant.com/dashbboard.html#/all_dbs

Databases

Database name

Create Database

{ } 350N

Your Databases

Name	Size	# of Docs	Partitioned	Actions
noderedkmvfk20221009	48.0 KB	4	No	
userlogin	0 bytes	0	No	

Log Out

Showing 1–2 of 2 databases. Databases per page 20 1

82°F Cloudy

Search

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3:09 PM 11/14/2022