

Team ID	PNT2022TMID35915
Project Name	Smart Solutions for Railways

new_reg

⋮

Document ID

Options

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Table

Metadata

{ } JSON

Create Document

		First Name	Last Name	_id	Aadhar Number	E-Mail Id
<input type="checkbox"/>		denicke	solomon	15ce7ee463df2259cb15a...	6596584056659	denickesolomonh@gmail...
<input type="checkbox"/>		Denicke	Solomon	367085d57b17a6250fe4...		
<input type="checkbox"/>		sanjay	Krushnan	447abd801b76cf0b53c8c...	8566	abcd
<input type="checkbox"/>		Denicke	Solomon	6dc630f1fe3e0e8a8b612...	56358255	denickesolomon2462@g...
<input type="checkbox"/>		sarath	vignesh	aad1937929cf124fb416a...	1556869	sara@gmail.com
<input type="checkbox"/>		fg	ff	c621876dc1c1945f19f37...	899	rcksk.appu@gmail.com

Showing 5 of 8 columns.

☐ Show all columns.

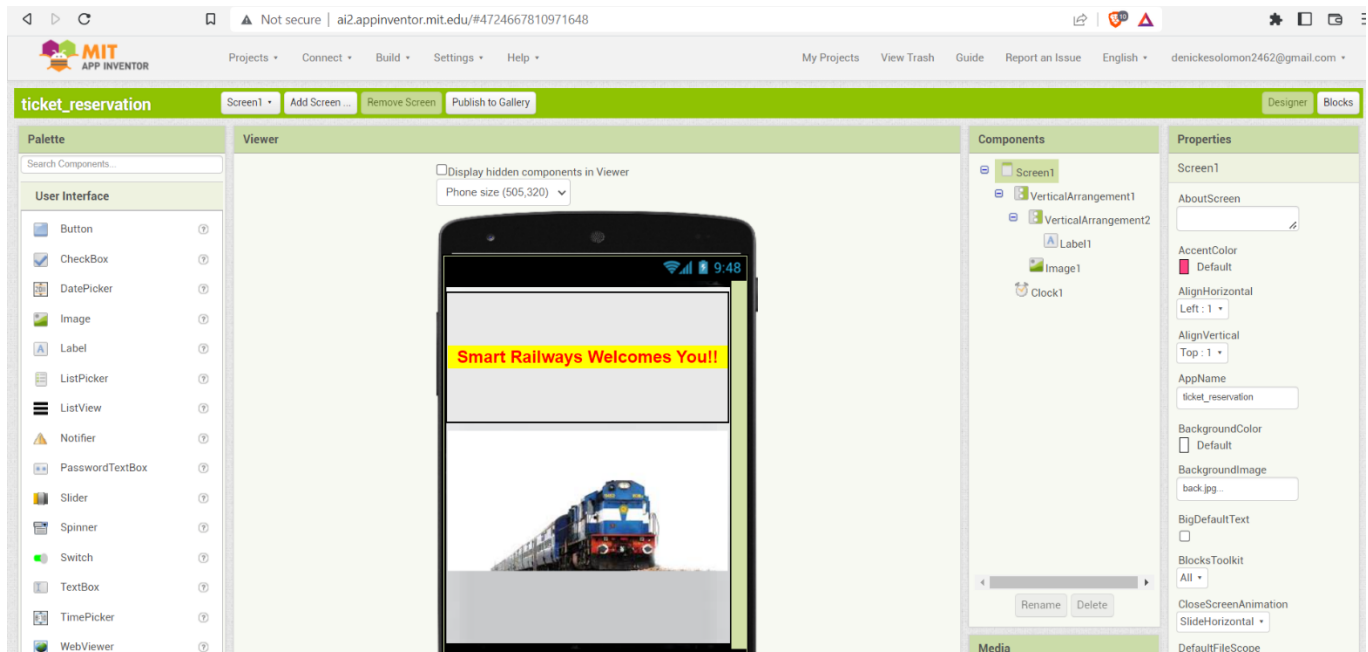
Showing document 1 - 6.

Documents per page: 20

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MIT app Inventor:



Screen 1 of Application:



Test Cases

Test Case 1: Registration page:

The screenshot shows a mobile application interface for a registration page. The status bar at the top displays the time 14:23, a lock icon, location, VoLTE, 4G+ network, LTE1, signal strength, and 86% battery. The page has a dark, textured background. The title 'Register' is prominently displayed in red. Below it, there are six input fields, each with a label in yellow text to its left. The inputs are: 'First Name' with 'Sarath', 'Last Name' with 'vignesh', 'Phone Number' with '9753656958', 'Aadhar Number' with '4633598200', 'E-Mail Id' with 'sarath@gmail.com', and 'Password' with masked characters '.....'. At the bottom, there are two blue buttons: 'Sign Up' and 'Back'.

Field Label	Value
First Name	Sarath
Last Name	vignesh
Phone Number	9753656958
Aadhar Number	4633598200
E-Mail Id	sarath@gmail.com
Password

Sign Up Back

Database after Registration:

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	First Name	Last Name	_id	Aadhar Number	E-Mail Id
<input type="checkbox"/>	 denicke	solomon	15ce7ee463df2259cb15a...	6596584056659	denickesolomonh@gmail....
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<input type="checkbox"/>	 sanjay	Krushnan	447abd801b76cf0b53c8c...	8566	abcd
<input type="checkbox"/>	 Denicke	Solomon	6dc630f1fe3e0e8a8b612...	56358255	denickesolomon2462@g...
<input type="checkbox"/>	 Sarath	Vignesh	9980286e4f41be585dc3a...	76952925	sarath@gmail.com
<input type="checkbox"/>	 sarath	vignesh	aad1937929cf124fb416a...	1556869	sara@gmail.com
<input type="checkbox"/>	 fg	ff	c621876dc1c1945f19f37...	899	rcsk.appu@gmail.com

Showing 5 of 8 columns. ☐ Show all columns.

Showing document 1 - 7. Documents per page: 20

Node red Output during Registration:

11/13/2022, 2:31:02 PM node: 91cf557ba6154e80

msg.payload : Object

▼ *object*

First Name: "Sarath"

Last Name: "Vignesh"

Mobile Number: "566959265"

Aadhar Number: "76952925"

E-Mail Id: "sarath@gmail.com"

Password: "sararh"

11/13/2022, 2:31:02 PM node: ce1995cc4caa5f21

```
msg.payload : array[6]
```

```
▶ [ object, object, object, object,
    object, object ]
```

11/13/2022, 2:31:02 PM node: dccdaab951211d16

```
msg.payload : number
```

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Test Case 2:

Trying to register for a new account with same E-Mail Id:

A screenshot of a mobile application's registration screen. The background is dark with a subtle pattern. At the top, a green status bar shows the time 14:29, a lock icon, and various connectivity and battery icons (VoLTE, 4G+, LTE1, signal strength, 86% battery). The word "Register" is displayed in large, bold, red font. Below it, there are six input fields, each with a yellow label on the left and a white input box on the right. The labels are "First Name", "Last Name", "Phone Number", "Aadhar Number", "E-Mail Id", and "Password". The input boxes contain the following text: "Sarath", "Vignesh", "566959265", "76952925", "sarath@gmail.com", and "....." respectively. At the bottom, there are two blue buttons with white text: "Sign Up" and "Back".

14:29

Register

First Name Sarath

Last Name Vignesh

Phone Number 566959265

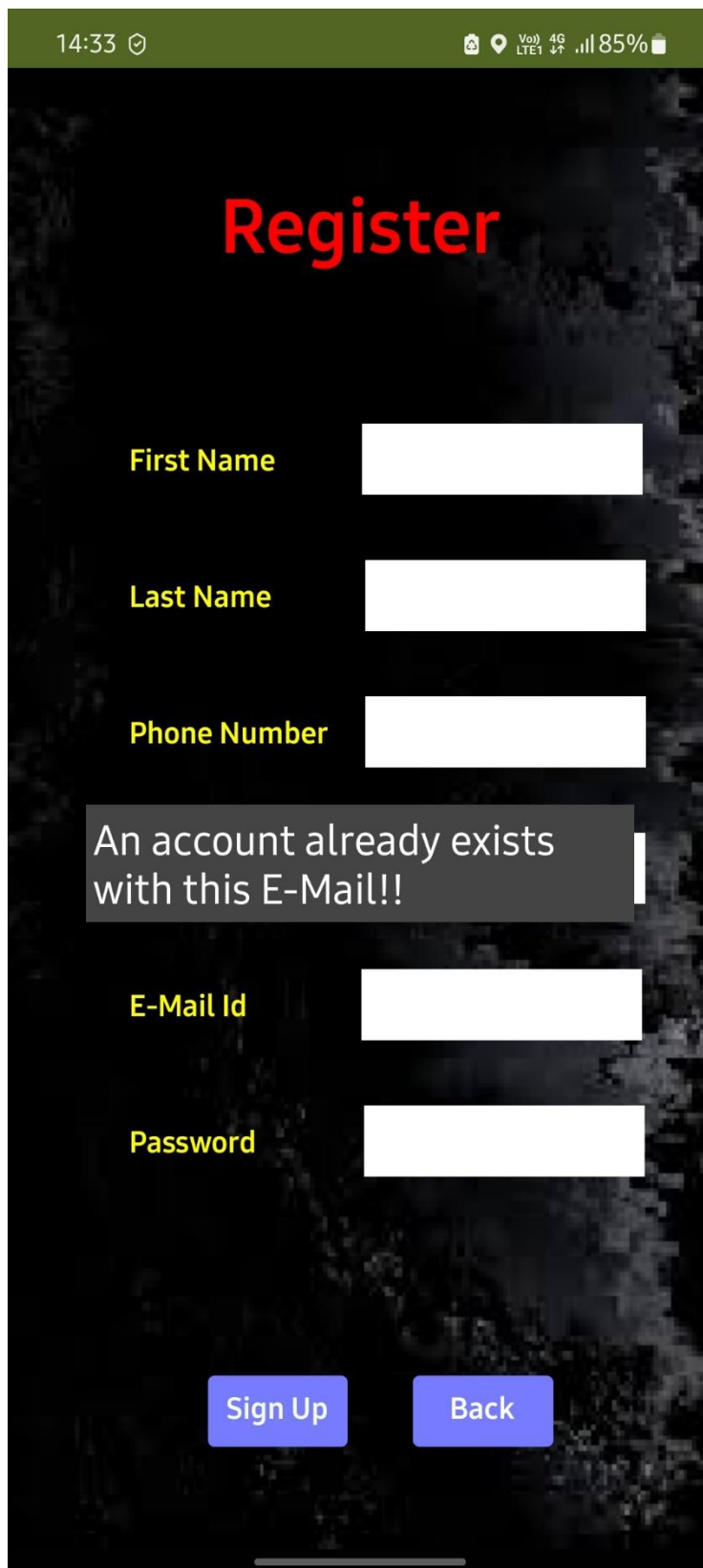
Aadhar Number 76952925

E-Mail Id sarath@gmail.com

Password

Sign Up Back

Output Message returned:



The image shows a mobile application interface for user registration. At the top, a green status bar displays the time 14:33, a lock icon, and network/battery information (VoLTE, 4G, LTE1, 85%). The main background is dark with a subtle pattern. The word "Register" is prominently displayed in red. Below it, there are five input fields with yellow labels: "First Name", "Last Name", "Phone Number", "E-Mail Id", and "Password". A grey error message box is overlaid on the "E-Mail Id" field, stating "An account already exists with this E-Mail!!". At the bottom, there are two blue buttons: "Sign Up" and "Back".

14:33

Register

First Name

Last Name

Phone Number

An account already exists with this E-Mail!!

E-Mail Id

Password

Sign Up

Back

Database after the attempt: (No change)

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	First Name	Last Name	_id	Aadhar Number	E-Mail Id
<input type="checkbox"/>	 denicke	solomon	15ce7ee463df2259cb15a...	6596584056659	denickesolomonh@gmail...
<input type="checkbox"/>	 Denicke	Solomon	367085d57b17a6250fe4...		
<input type="checkbox"/>	 sanjay	Krushnan	447abd801b76cf0b53c8c...	8566	abcd
<input type="checkbox"/>	 Denicke	Solomon	6dc630f1fe3e0e8a8b612...	56358255	denickesolomon2462@g...
<input type="checkbox"/>	 Sarath	Vignesh	9980286e4f41be585dc3a...	76952925	sarath@gmail.com
<input type="checkbox"/>	 sarath	vignesh	aad1937929cf124fb416a...	1556869	sara@gmail.com
<input type="checkbox"/>	 fg	ff	c621876dc1c1945f19f37...	899	rcsk.appu@gmail.com

Showing 5 of 8 columns. ☐ Show all columns.

Showing document 1 - 7. Documents per page: 20

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Node red Output for the attempt:

11/13/2022, 2:34:00 PM node: 91cf557ba6154e80

msg.payload : Object

▼ *object*

First Name: "Sarath"

Last Name: "vignesh"

Mobile Number: "565359505"

Aadhar Number: "86595805"

E-Mail Id: "sarath@gmail.com"

Password: "saratg"

11/13/2022, 2:34:01 PM node: ce1995cc4caa5f21

```
msg.payload : array[7]
```

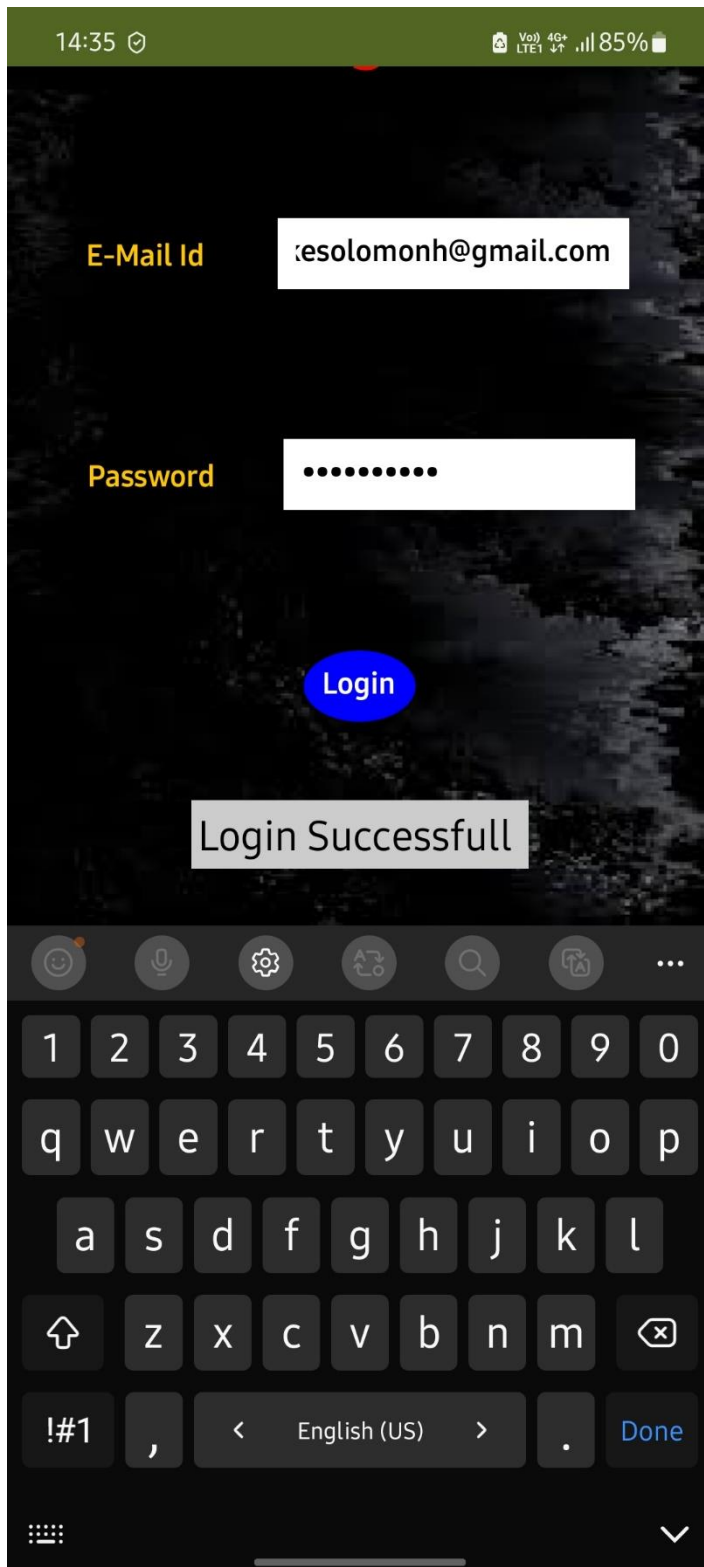
```
▶ [ object, object, object, object,
    object, object, object ]
```

11/13/2022, 2:34:01 PM node: dccdaab951211d16

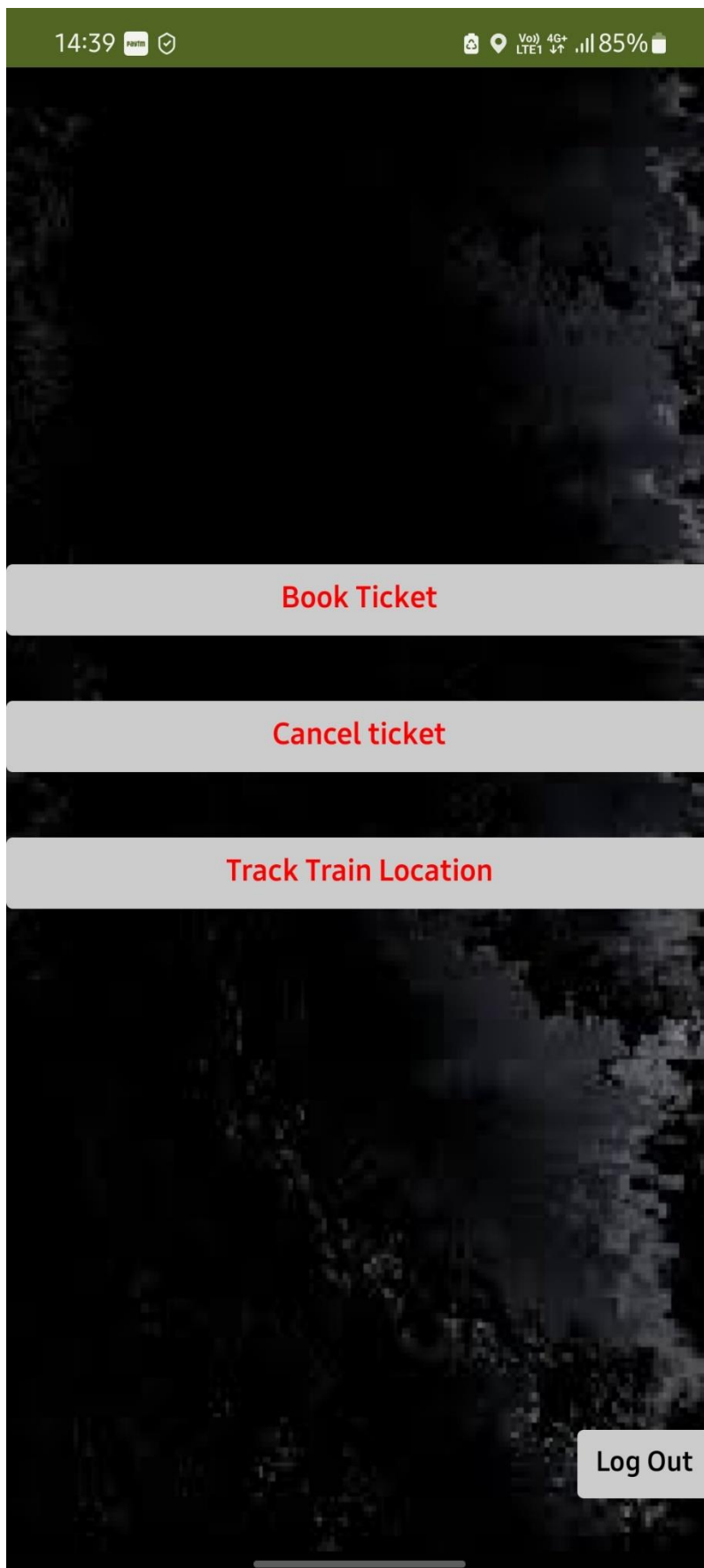
msg.payload : number

Test Case 3:

Login with correct details:



Page access on successful login:



Account verification with database:

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Create Document

	First Name	Last Name	_id	Aadhar Number	E-Mail Id
<input type="checkbox"/>	denicke	solomon	15ce7ee463df2259cb15a...	6596584056659	denickesolomonh@gmail....
<input type="checkbox"/>	Denicke	Solomon	367085d57b17a6250fe4...		
<input type="checkbox"/>	sanjay	Krushnan	447abd801b76cf0b53c8c...	8566	abcd
<input type="checkbox"/>	Denicke	Solomon	6dc630f1fe3e0e8a8b612...	56358255	denickesolomon2462@g...
<input type="checkbox"/>	Sarath	Vignesh	9980286e4f41be585dc3a...	76952925	sarath@gmail.com
<input type="checkbox"/>	sarath	vignesh	aad1937929cf124fb416a...	1556869	sara@gmail.com
<input type="checkbox"/>	fg	ff	c621876dc1c1945f19f37...	899	rck.appu@gmail.com

Showing 5 of 8 columns. ☐ Show all columns.

Showing document 1 - 7. Documents per page: 20

Node red Output for correct login details;

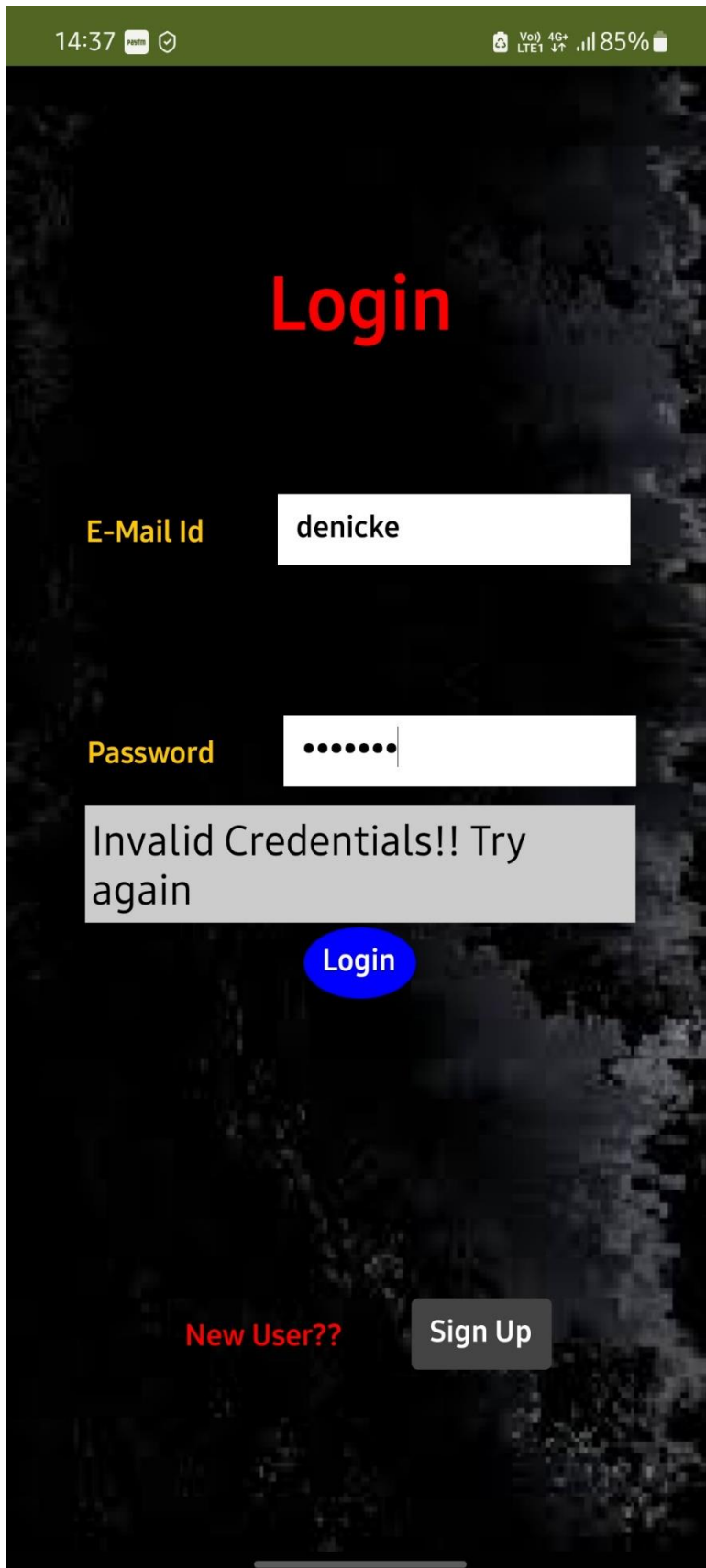
```
11/13/2022, 2:35:34 PM node: d057d04e2424e4e1
msg.payload : Object
  { E-Mail Id:
    "denickesolomonh@gmail.com",
    Password: "denicke123" }

11/13/2022, 2:35:34 PM node: 34788d1d77dec690
msg.payload : array[7]
  [ object, object, object, object,
    object, object, object ]

11/13/2022, 2:35:34 PM node: 34788d1d77dec690
msg.payload : number
1
```

Test Case 4:

Trying to login with wrong credentials:



Node red output for wrong details:

11/13/2022, 2:37:12 PM node: d057d04e2424e4e1

msg.payload : Object

▶ { E-Mail Id: "denicke", Password: "dencike" }

11/13/2022, 2:37:12 PM node: 34788d1d77dec690

msg.payload : array[7]

▶ [object, object, object, object, object, object, object]

11/13/2022, 2:37:12 PM node: 34788d1d77dec690

msg.payload : number

0