

## Pre Requisites

<b>Project Title</b>	SmartFarmer – IoT Enabled Smart Farming Application
<b>Team ID</b>	PNT2022TMID04463
<b>Content</b>	MIT App Inventor

## STEP 1:

Search MIT App Inventor on google and click on first link.

The screenshot shows a Google search interface. The search bar contains the text "mit app inventor". Below the search bar, the results are displayed. The first result is from "https://appinventor.mit.edu" and is titled "MIT App Inventor". The description for this result mentions "MIT App Inventor Director Hal Abelson at MIT News ..." and "Kids are people too!". Below the description, there are several links: "Get Started", "Welcome to App Inventor 2!", "App Inventor", "MIT App Inventor Login", and "More results from mit.edu »". On the right side of the search results, there is a "More images" button and a preview of the MIT App Inventor interface. The preview shows the MIT App Inventor logo and the text "App Inventor for Android" and "Computer program". Below the preview, there is a description of MIT App Inventor as a web application integrated development environment originally provided by Google and now maintained by the Massachusetts Institute of Technology. A "Wikipedia" link is also present in the description.

Google

mit app inventor

About 63,80,000 results (0.42 seconds)

<https://appinventor.mit.edu>

**MIT App Inventor**

**MIT App Inventor** Director Hal Abelson at MIT News ... "Kids are people too!" Professor Hal Abelson has dedicated his career to making information technology more ...

You've visited this page 2 times. Last visit: 31/10/22

**Get Started**

App Inventor is a cloud-based tool, which means you can create ...

**Welcome to App Inventor 2!**

To go directly to designing and building apps with Inventor 2 ...

**App Inventor**

Your browser might not be compatible. To use App Inventor ...

**MIT App Inventor Login**

Welcome to App Inventor! Your Email Address: Password: Site:.

[More results from mit.edu »](#)

**App Inventor for Android**

Computer program

MIT App Inventor is a web application integrated development environment originally provided by Google, and now maintained by the Massachusetts Institute of Technology. [Wikipedia](#)


## STEP 2:

Click on Create Apps



## STEP 3:

### Sign in with your google account

 Sign in with Google

### Sign in

to continue to [App Inventor Authentication](#)

Email or phone

[Forgot email?](#)

To continue, Google will share your name, email address, language preference and profile picture with App Inventor Authentication.

[Create account](#)[Next](#)

English (United Kingdom) ▾[Help](#)[Privacy](#)[Terms](#)

## STEP 4:

After sign in, Click on Start new project to create a project.

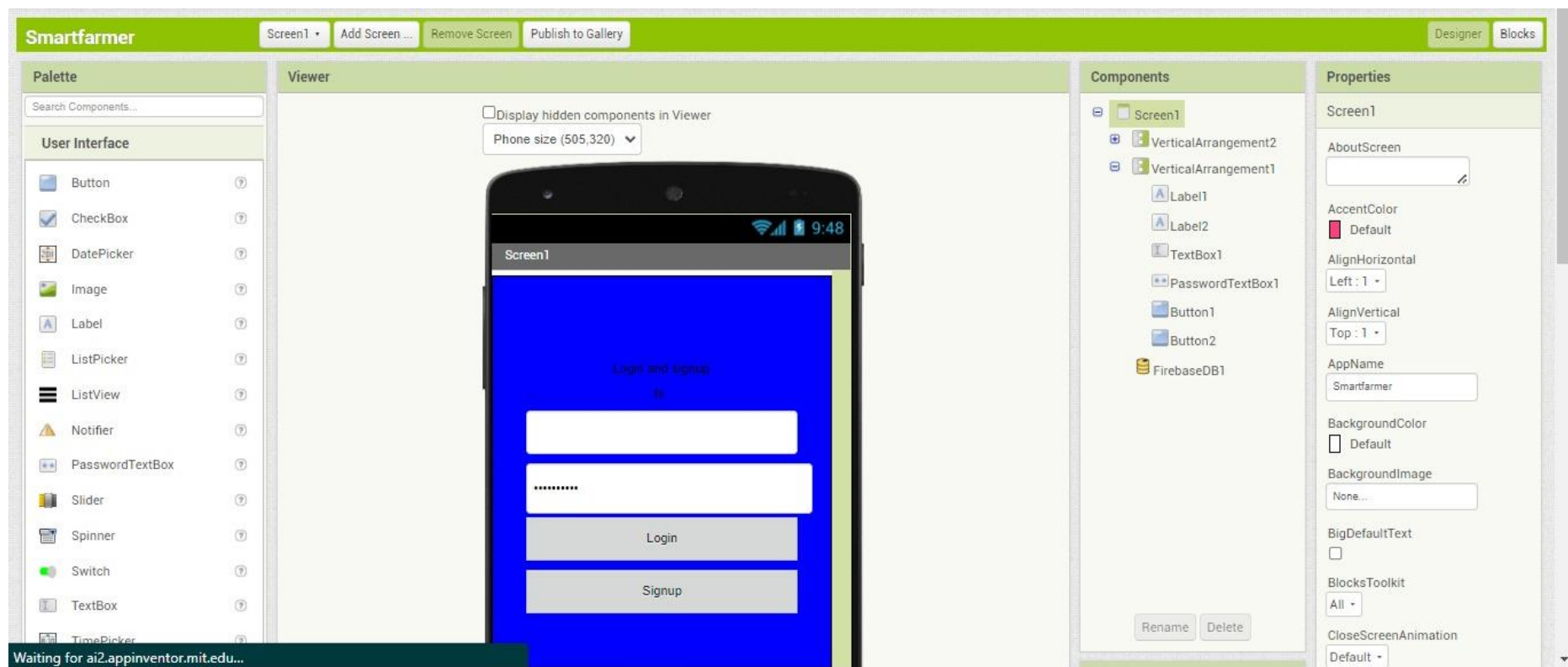
The screenshot displays the MIT App Inventor web interface in a browser window. The browser's address bar shows the URL `ai2.appinventor.mit.edu/#4649077711962112`. The page header includes the MIT App Inventor logo and navigation links: Projects, Connect, Build, Settings, and Help. The main workspace is divided into four panels: Palette, Viewer, Components, and Properties.

- Palette:** Contains a search bar and a list of UI components under the 'User Interface' category, including Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, Switch, TextBox, TimePicker, and WebViewer.
- Viewer:** Displays a mobile phone mockup with a status bar at the top showing 'Screen1', signal strength, battery, and time '9:48'. A checkbox 'Display hidden components in Viewer' and a 'Phone size (505,320)' dropdown are located above the mockup.
- Components:** Shows a list of components on the screen, currently containing 'Screen1'. 'Rename' and 'Delete' buttons are at the bottom.
- Properties:** Lists properties for 'Screen1', including AboutScreen, AccentColor (Default), AlignHorizontal (Left: 1), AlignVertical (Top: 1), AppName (smartfarmer), BackgroundColor (Default), BackgroundImage (None...), BigDefaultText, BlocksToolkit (All), CloseScreenAnimation (Default), and DefaultFileScope (App).

The bottom of the image shows a Windows taskbar with the date and time '22:50 17-11-2022'.

## STEP 5:

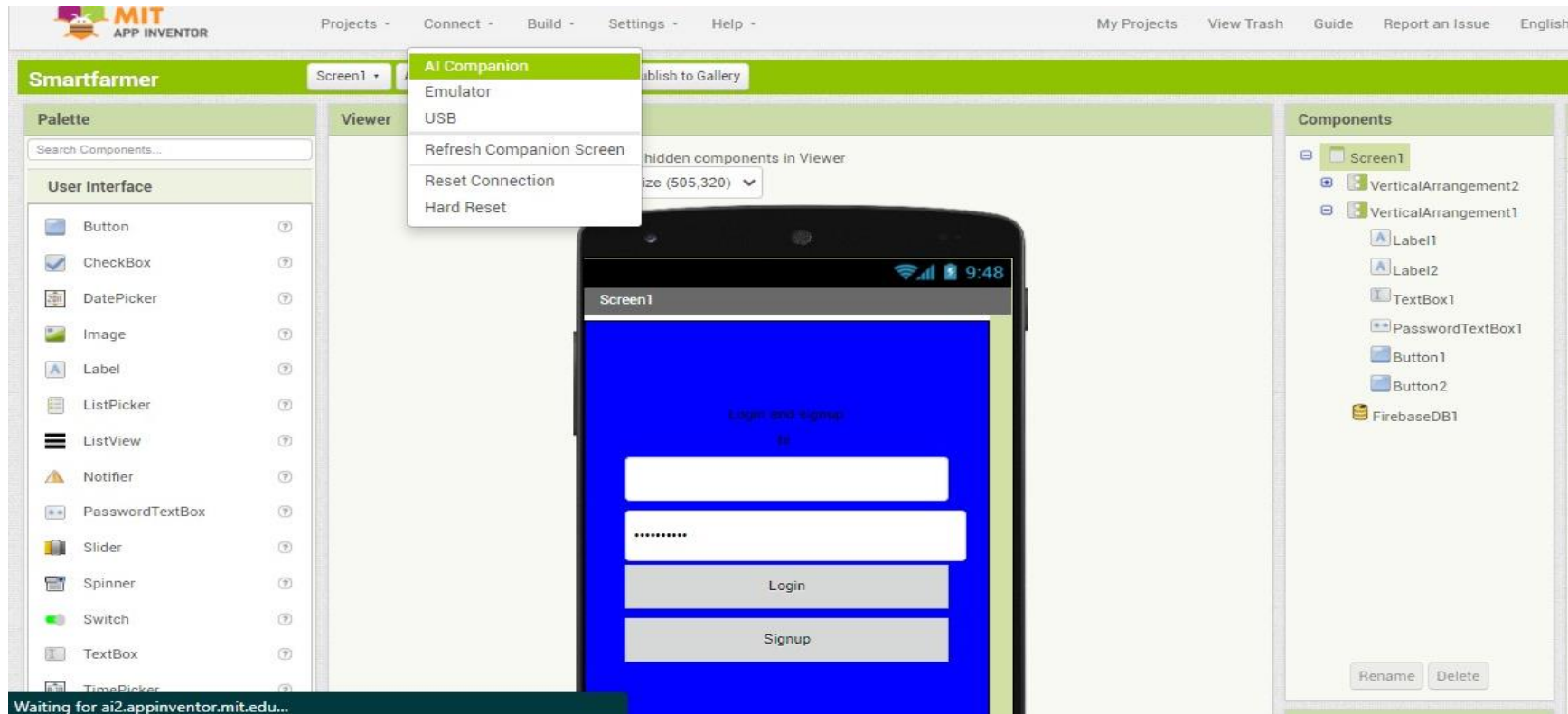
After start new project , now you can create your app by drag and drop the items.



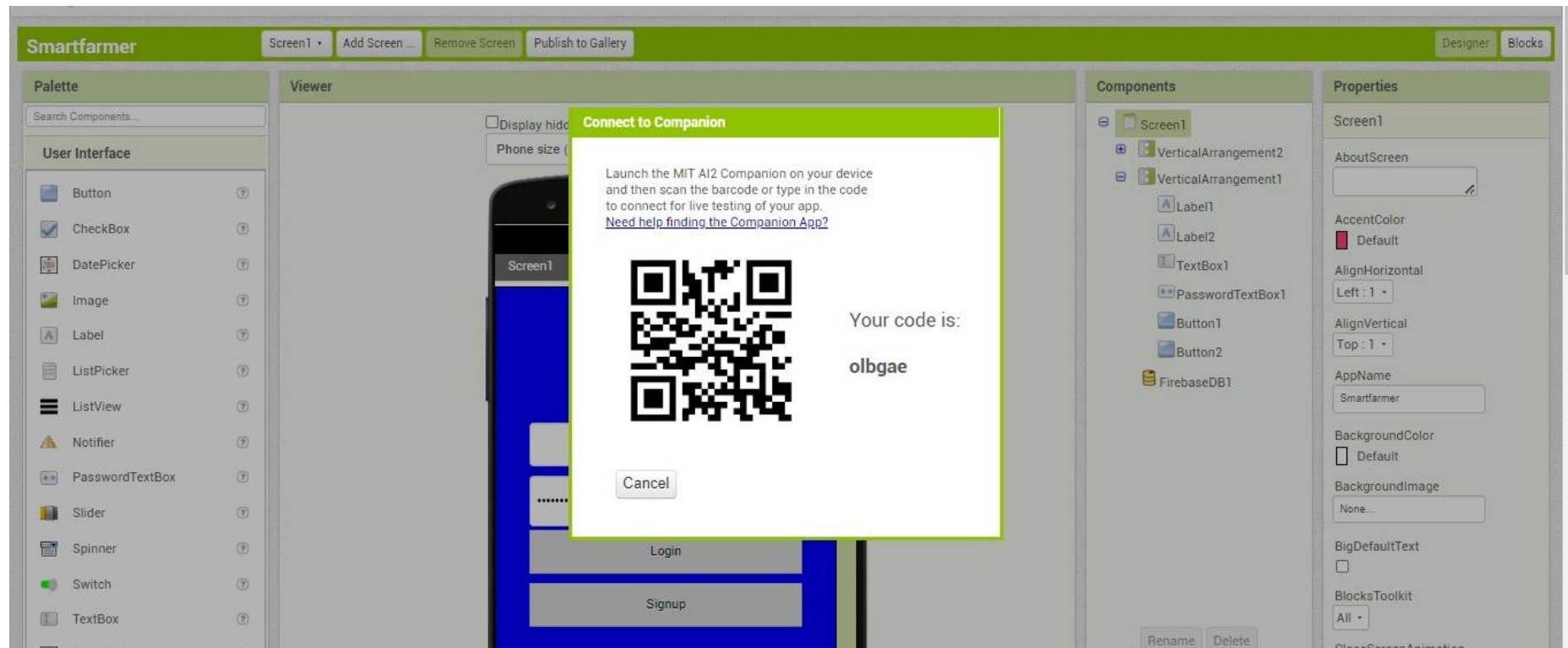
## STEP 6:

You can view your app in your mobile by using MIT AI2 Companion (which need to installed in your mobile and need to scan QR code)

Click Connect > AI Companion to connect with your mobile.









## STEP 7:

For apk, Click on Build to build the apk for your mobile.

