



Conversational AI with Alexa v2: Setup Test

In this sheet, you will do a setup test to ensure you have all of the requirements for the workshops and tutorials. This includes the following:

1. logging into MIT App Inventor
2. connecting and testing an app on an Android / Apple device or emulator
3. logging into your Amazon Developer Account on the MIT App Inventor website

Requirements for the Setup Test

1. If you have not done so, please complete the following prior to this setup test to set up all the needed accounts:
 - a. [Create a Gmail Account](#)
 - b. [Create an Amazon Developer Account](#)
2. If you have an Alexa device, like an Echo Dot, you can go through the [Alexa Device Setup Instructions](#) to link your device with your Developer Account.
3. If you do not have an Android / Apple device, please install the [emulator](#) to test your app



Logging on to the Alexa Version of MIT App Inventor

1. Navigate to this link: <https://alexa.appinventor.mit.edu> *
2. Log in with your Google account

Google

Sign in

Use your Google Account

Email or phone

[Forgot email?](#)

Not your computer? Use Guest mode to sign in privately.
[Learn more](#)

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

If you log in successfully, you should be on the following page:

MIT APP INVENTOR

Projects ▾ Connect ▾ Build ▾ Settings ▾ Help ▾ My Projects View Trash Guide Report an Issue English ▾ nghi.28.nguyen@gmail.com ▾

Start new project Move To Trash View Trash

Projects

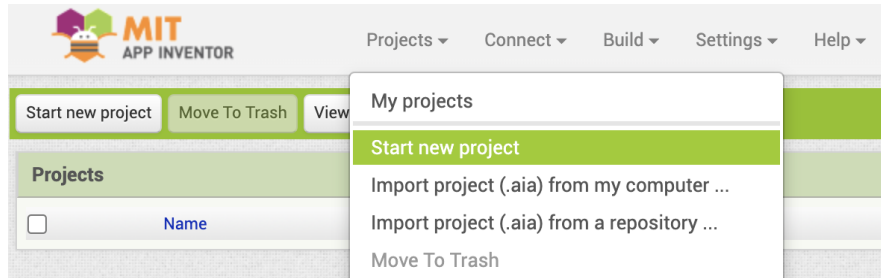
<input type="checkbox"/>	Name	Date Created	Date Modified ▾
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*** This is not the regular App Inventor website! Make sure you use this link, or you won't be able to add Alexa Skills.**

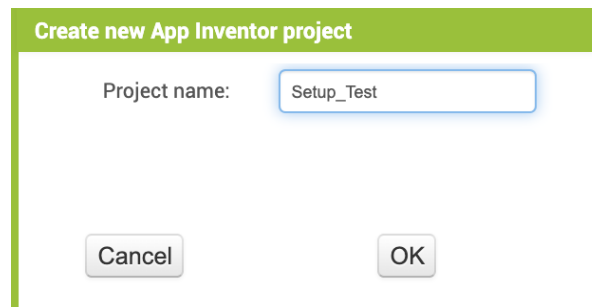


Creating a New Project

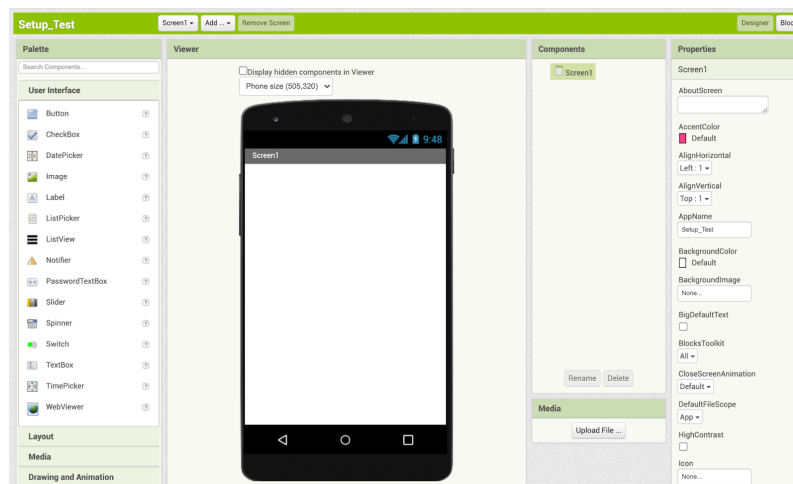
1. Hover to **Projects** menu and select “**Start new project**”.



2. After selecting “**Start new project**”, a box will appear for you to input a name.
 - a. You can give this project any name you like as long as there are no spaces. For this demonstration, we will name the project “*Setup_Test*”.

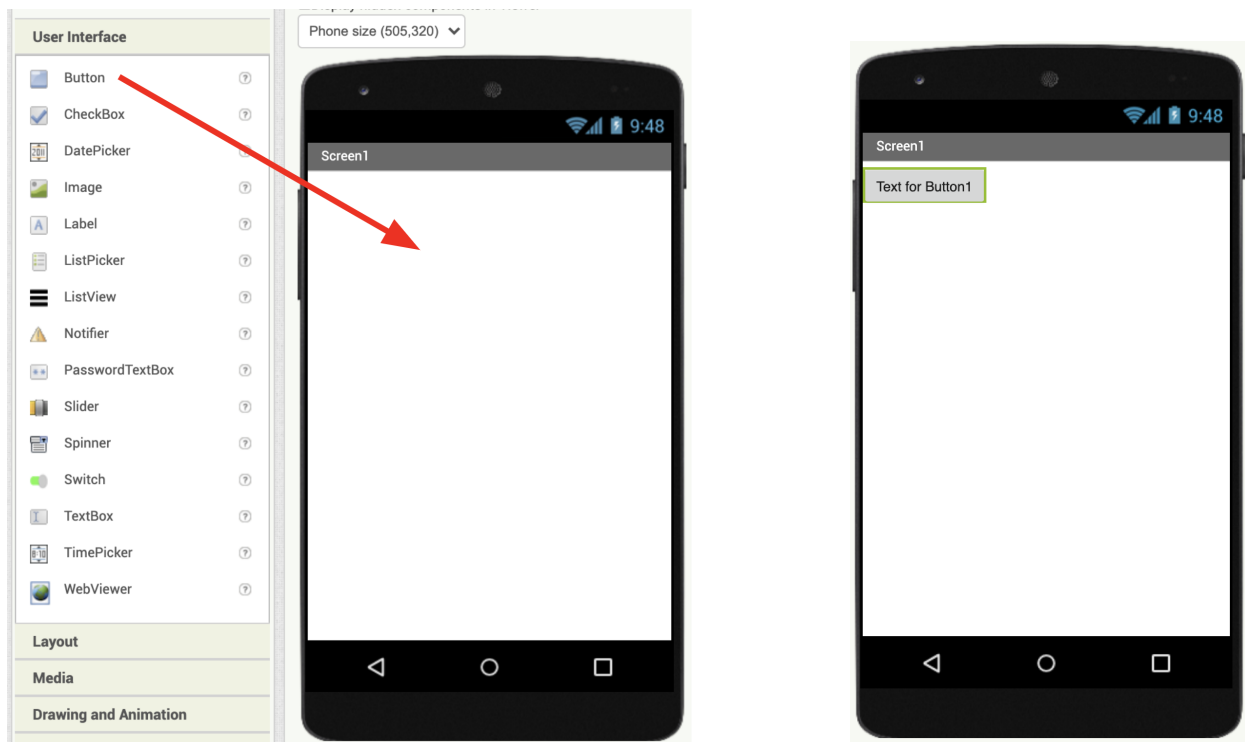


If you successfully created the project, the screen should look like the following:



Testing the Android Device or Emulator

1. Click and drag a button onto the screen.
 - a. The button should appear on the screen, as in the right image below.





Connecting your Devices

Connect your app to an Android / Apple device or Chromebook, or emulator (if you do not have a device) using the next section below, depending on which device you have.

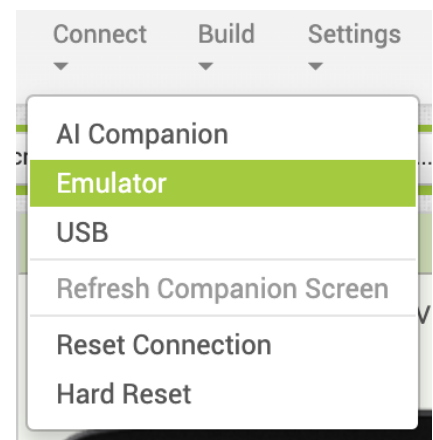
a. Connecting to an Android / Apple Device or Chromebook

1. Go to this [link](#) for further instructions
2. If you see the “**Text for Button1**” button on your Android device or Chromebook AI2 app, then App Inventor is set up correctly, and you can move onto the “*Adding a New Skill*” section below. Congrats!

b. Connect to an Android Emulator

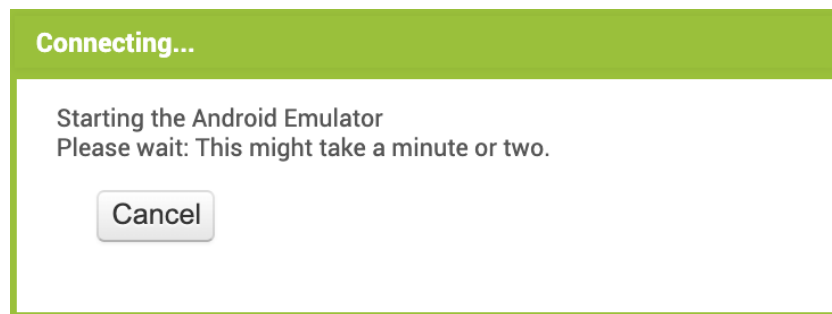
If you do not have access to a mobile device, you can use an Android emulator program on your computer to mimic an Android device.

1. Go through the [emulator setup instructions](#) to install the emulator, if you have not done so already..
2. Click on **Connect** dropdown at the top of the webpage, and then “**Emulator**” in the menu.

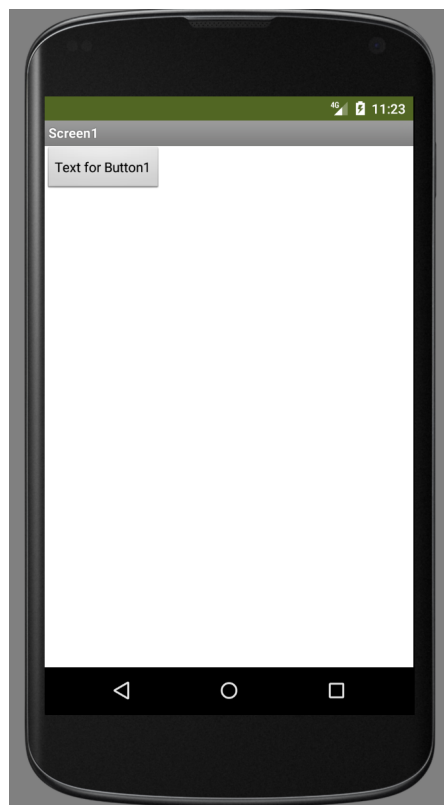




- This should start the loading process, which may take a couple minutes. If this is your first time using the emulator, you may have to click through some pop-ups, as described in the [emulator setup instructions](#).



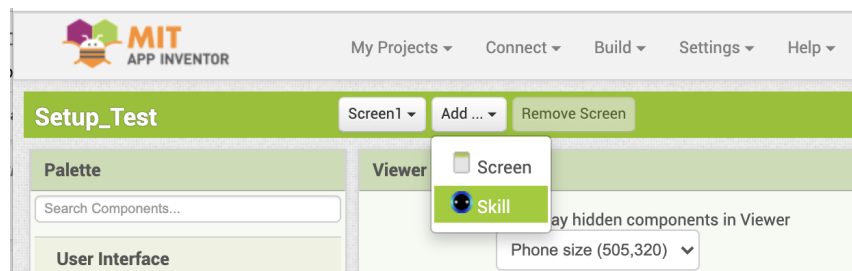
3. After loading, the screen should look something like the screenshot below, with the *Text for Button1* button. If it does, you have successfully completed the App Inventor portion of the setup. Congrats!





Adding a New Skill

1. In the Designer Toolbar at the top of the screen, you will see a button labeled **“Add...”**. Press on it and within the dropdown menu, select **“Skill”**

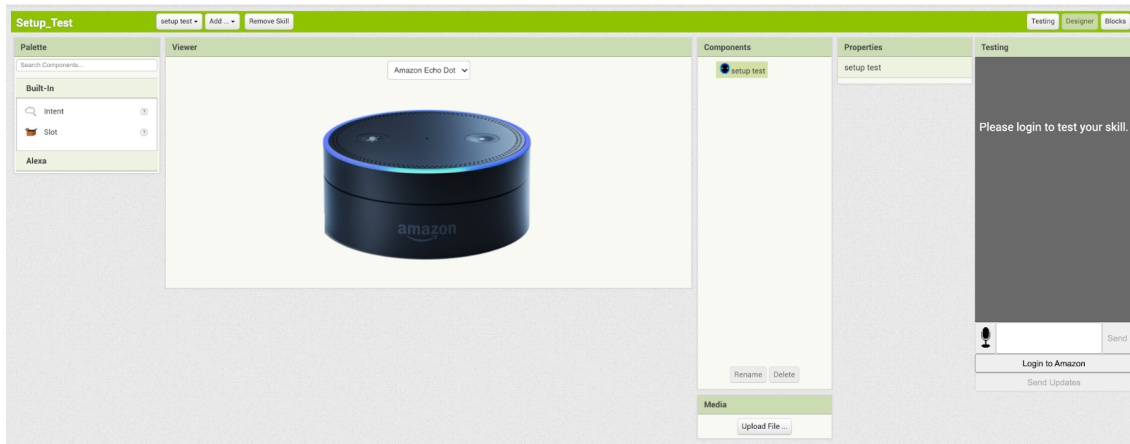


1. After pressing the **“Skill”** button, A box to input the Invocation name should pop up. Enter a name of your choice, as long as it follows all of the rules below:
 - Must be all lowercase letters (ex. **codi bee**, NOT **Codi Bee**)
 - At least two words (ex. **codi bee**, NOT **codibee**)
 - Starts with a letter (ex. **codi bee**, NOT **.,codi bee**)
 - Punctuations can only be spaces, apostrophes, or periods (ex. **codi' bee**, NOT **^codi bee**)

For this demonstration, we will name it **“setup test”**. Press **“OK”**

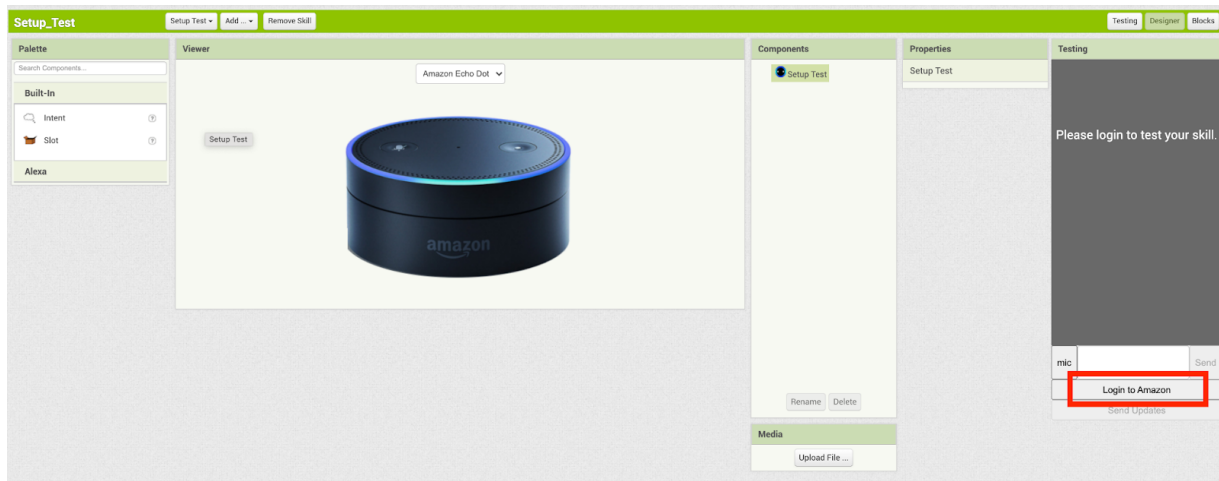


If you successfully added a new skill, the final screen should look like the following:

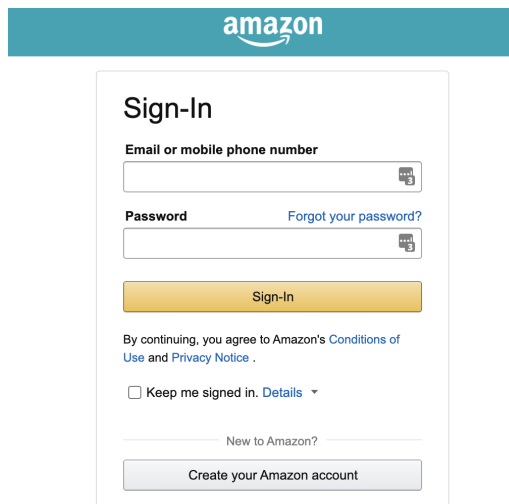


Logging on to your Amazon Account

1. You should be taken to a new Designer Page for the Conversational AI Interface. In the farthest right box (named testing box) on your screen that says *“Please login to test your skill”*, there should be a button labeled **“Login to Amazon”** at the bottom of the box.



2. Click that button and enter your Amazon Developer information into the external pop-up.



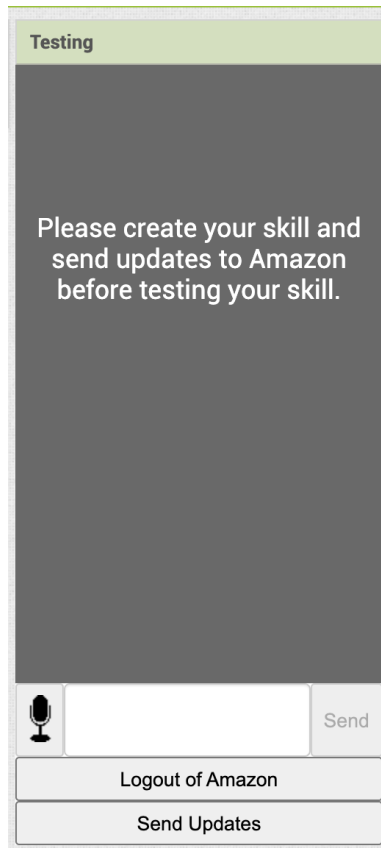
The image shows an Amazon Sign-In pop-up window. At the top is the Amazon logo. Below it, the text 'Sign-In' is displayed. There are two input fields: 'Email or mobile phone number' and 'Password'. A 'Forgot your password?' link is next to the password field. Below the input fields is a yellow 'Sign-In' button. Underneath the button, there is a line of text: 'By continuing, you agree to Amazon's [Conditions of Use](#) and [Privacy Notice](#) .'. Below this is a checkbox labeled 'Keep me signed in. Details'. At the bottom, there is a link 'New to Amazon?' and a button 'Create your Amazon account'.

**If this window does not appear, check if your browser has blocked a pop up and allow it*

**If you haven't completed the [Amazon Developer Account Instructions](#), you will run into an error*



3. After logging in, let the box load for a few minutes if needed. After, you should see the testing box change to different text, and there should be **“Send Updates”** and **“Logout of Amazon”** buttons.



If you see these buttons, you have successfully completed the Amazon in MIT App Inventor portion of the setup test. Congrats!