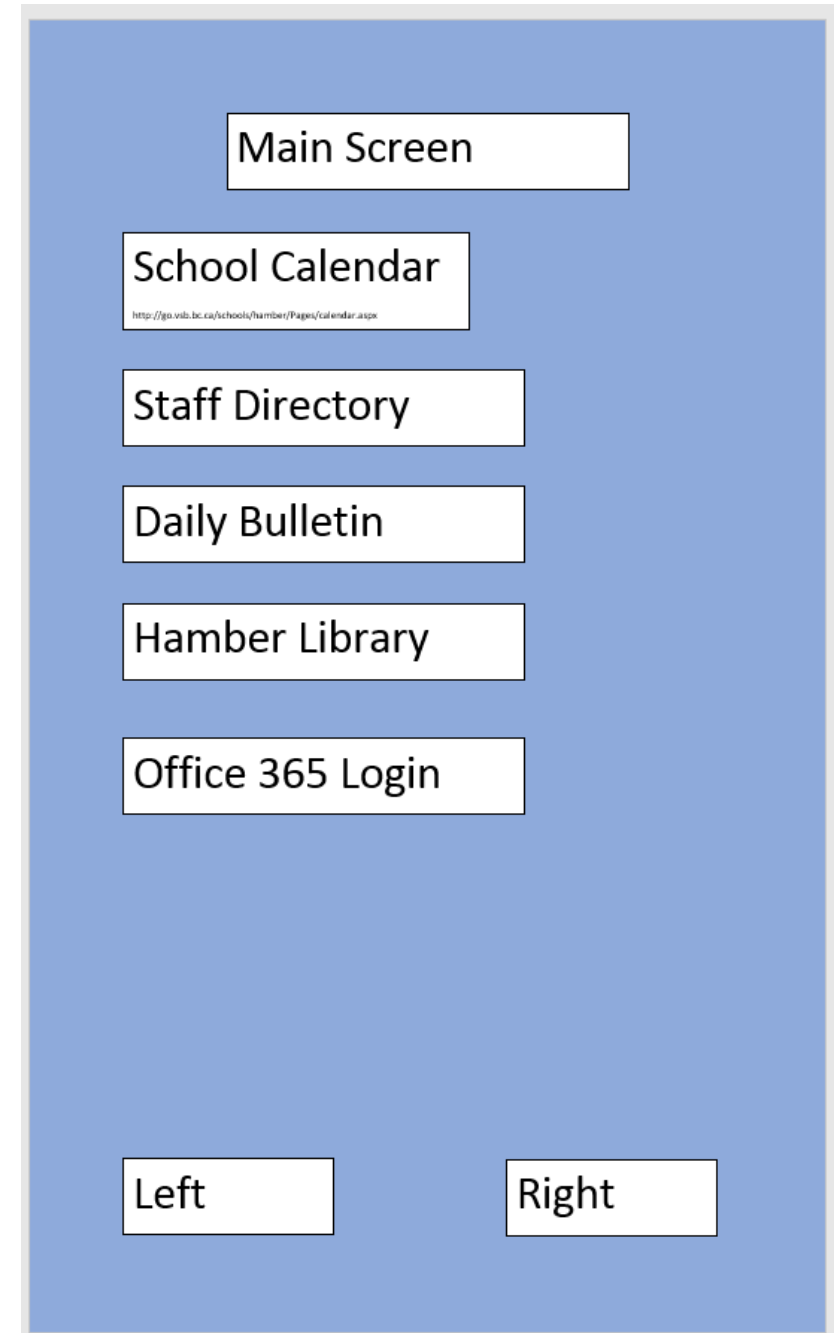


A Better Hamber App (Part 1)

Design the User Interface – Main Screen



Add Labels

The screenshot displays the MIT App Inventor web interface. At the top, the browser address bar shows the URL `ai2.appinventor.mit.edu/?locale=en#6254120226521088`. The interface includes a navigation bar with 'Projects', 'Connect', 'Build', 'Help', 'My Projects', 'Gallery', 'Guide', 'Report an Issue', 'English', and a user profile 'brian.yu.van@gmail.com'. Below this is the 'ActivityStarter' bar with 'Screen1', 'Add Screen ...', and 'Remove Screen' buttons, along with 'Designer' and 'Blocks' tabs.

The main workspace is divided into four panels:

- Palette:** A list of UI components under 'User Interface' (Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, TextBox, TimePicker, WebView) and other categories like Layout, Media, Drawing and Animation, Maps, Sensors, and Social. The 'Label' component is highlighted.
- Viewer:** A mobile device preview showing a screen with the text 'This is the Main Screen' highlighted in a yellow box. Above the preview are checkboxes for 'Display hidden components in Viewer' and 'Check to see Preview on Tablet size'.
- Components:** A tree view showing 'Screen1' containing a 'Label1' component. Below the tree are 'Rename' and 'Delete' buttons.
- Properties:** A panel for 'Label1' with various settings: BackgroundColor (None), FontBold (checkbox), FontItalic (checkbox), FontSize (24.0), FontTypeface (default), HTMLFormat (checkbox), HasMargins (checked), Height (Automatic...), Width (Automatic...), Text (This is the Main Screen), TextAlignment (left : 0), TextColor (Default), and Visible (checked).

At the bottom of the Components panel, there is a 'Media' section with an 'Upload File ...' button.

Add Buttons

The screenshot displays the MIT App Inventor web interface. At the top, the browser address bar shows the URL `ai2.appinventor.mit.edu/?locale=en#6254120226521088`. The interface includes a navigation menu with options like 'Projects', 'Connect', 'Build', 'Help', 'My Projects', 'Gallery', 'Guide', 'Report an Issue', 'English', and 'brian.yu.van@gmail.com'. Below this is the 'ActivityStarter' bar with 'Screen1' selected, 'Add Screen ...', and 'Remove Screen' buttons, along with 'Designer' and 'Blocks' tabs.

The main workspace is divided into four panels:

- Palette:** Lists various UI components under 'User Interface' (Button, CheckBox, DatePicker, Image, Label, ListPicker, ListView, Notifier, PasswordTextBox, Slider, Spinner, TextBox, TimePicker, WebViewer) and other categories like 'Layout', 'Media', 'Drawing and Animation', and 'Maps'. The 'Button' component is highlighted.
- Viewer:** Shows a mobile app preview for 'Screen1' with the text 'This is the Main Screen' and four buttons labeled 'Text for Button1' through 'Text for Button4'. The 'Text for Button4' button is highlighted with a green border.
- Components:** A tree view showing the hierarchy of components on the screen: 'Screen1' containing 'Label1', 'Button1', 'Button2', 'Button3', and 'Button4'. 'Button4' is selected.
- Properties:** Shows the configuration for the selected 'Button4', including 'BackgroundColor' (Default), 'Enabled' (checked), 'FontBold' (unchecked), 'FontItalic' (unchecked), 'FontSize' (44.0), 'FontTypeface' (default), 'Height' (Automatic...), 'Width' (Automatic...), 'Image' (None...), 'Shape' (default), 'ShowFeedback' (checked), and 'Text' (Text for Button4).

At the bottom of the Components panel, there are 'Rename' and 'Delete' buttons, and an 'Upload File ...' button in the Media section.

Add the Activity Starter to the Screen

The screenshot displays the MIT App Inventor web interface. The browser address bar shows the URL `ai2.appinventor.mit.edu/?locale=en#6254120226521088`. The page title is "ActivityStarter". The interface is divided into several panels:

- Palette:** A list of components categorized by type. The "Connectivity" category is expanded, and the "ActivityStarter" component is highlighted with a blue circle.
- Viewer:** A central area showing a preview of a mobile screen. The screen contains the text "This is the Main Screen" and four buttons labeled "Text for Button1" through "Text for Button4". A blue circle highlights the "ActivityStarter1" component in the "Non-visible components" area at the bottom of the viewer.
- Components:** A list of components currently on the screen, including "Label1", "Button1", "Button2", "Button3", "Button4", and "ActivityStarter1".
- Properties:** A panel for configuring the selected component, showing fields for "Action", "ActivityClass", "ActivityPackage", "DataType", "DataUri", "ExtraKey", "ExtraValue", and "ResultName".

To trigger a Webpage



```
when Link_to_website ▾ .Click
```

```
do
```

```
set ActivityStarter1 ▾ . DataUri ▾ to " https://www.grousemountain.com/current_conditions "
```

```
set ActivityStarter1 ▾ . Action ▾ to " android.intent.action.VIEW "
```

```
call ActivityStarter1 ▾ .StartActivity
```

To switch screens

