MIT APP INVENTOR

MR.Visit

Introduction

MR.Visit is an app which is made for helping tourists in the countries that are included in the APP's project. In this app we can find some important monuments and places that are located in those countries.

Getting started

1. Go to the app inventor website, begin a new project titled "MR.Visit" and connect your phone.



2. Start new project named "MRVisit"

	te Project Publish to Gallery		
My Projects			
Name	Date Created	Date Modified	Published

Project name:	MRVisit	
Cancel	OK	

GO TO THE DESIGNER TAB

1. In the Layout drawer, drag out an HorizontalArrangement and drop it onto the viewer



2. Also add a **Text Button (User interface)** and drag into the **HorizontalArrangement** which has already the image and configure the button.

Pale	tte	Viewer	Components	Properties
Us	er Interface	Display hidden components in Viewer	Screen1	Horizontal Arrangement 1
	Button (?)	Check to see Preview on Tablet size.	HorizontalArrangement1	AlignHorizontal Center : 3 +
~	CheckBox (?)	Screen 1	Button1	AlignVertical
2011	DatePicker (?)			Center : 2 *
-	Image (?)			BackgroundColor Default
A	Label (?)			Height
	ListPicker	Text for Button1		Fill parent
≡	ListView			Width
	Notifier (9)			Fill parent
**	PasswordTextBox (?)			Image Jellyfish.jpg
<u>()</u>	Slider 💿			Visible
T	Spinner (?)			
	TextBox (1)			
ŵ	TimePicker (*)			
۲	WebViewer (?)		Rename Delete	
Lay	out		Rename Delete	
Me	dia		Media	
Dra	wing and Animation		Jellyfish.jpg	
Ma	ps		Upload File	

- 3. Add another screen called the name of one country, for instance, Bulgaria.
- 4. After that add a button in the new screen and configure it and set the Height property to 25 pixels.

Palette	Viewer	Components	Properties	FontSize
User Interface Button CheckBox DatePicker Image Label ListPicker ListPicker ListPicker Notfer PasswordTextBox Sider Sider TextBox TextBox Imaphoteker WebViewer		Button1	Button2 BackgroundColor Default Enabled FontBol	14.0 FontTypeface default • Height Automatic Fill parent pixels percent Cancel OK
Layout	5 0 8		default - ShowFeedback	Shape
Media		Media		default 🝷
Drawing and Animation		Chrysanthemum.jpg Upload File	Text	
Maps			Text for Button2	ShowFeedback
Sensors			TextAlignment center : 1 •	
Social			TextColor	

 Next go to Maps and drag the Map into the screen. Configure it. Set the Height and Width Property to "Fill parent".

MrVisit	Button1 -	Add Screen Remove Screen		Designer
Palette	View	87	Components	Properties
User Interface		Display hidden components in Viewer	😑 🛅 Button 1	Map1
Layout		Check to see Preview on Tablet size.	Button2	CenterFromString
Media		Button1	2 Map1	42.359144, +71.093612
Drawing and Animation				EnablePan
Maps		Not the second		EnableRotation
Circle				
FeatureCollection		Marsachusetts Instance		EnableZoom
LineString	00	 of rechably Harvard 		Height
Э Мар	2	Leaflet Map date 6 OpenStreetMep contributors		Automatic
Marker				Width Automatic
Polygon	0			LocationSensor
Rectangle	۲			
ensors				MapType Roads •
ocial				Rotation
torage				0.0
Connectivity			Rename Delete	ScaleUnits Metric *
EGO® MINDSTORMS®		Ū Ū	Media	ShowCompass
xperimental			Chrysanthemum.jpg	
xtension			Upload File	ShowScale
				ShowUser
				ShowZoom
				Visible

6. Now add a marker and write the latitude and longitude. Also add another button into the screen and set the Height and Width Property like the other button above.

MrVisit	Button1 •	Add Screen	Remove Screen		Designer Block
Palette	Viewe	r		Components	Properties
User Interface Layout A HorizontalArrangement A HorizontalScrollArrangement C TableArrangement C TableArrangement C VerticalScrollArrangement C VerticalScrollArrangement C Media Drawing and Animation Mass			Display hidden components in Viewer Check to see Preview on Tablet size. Betton1 University of the State St	Button1 Button2 Map1 Marker1 Button3 VerticalArrangement1	VerticalArrangement1 AlignHorizontal Left: 1 = AlignVertical Top: 1 = BackgroundColor Default Automatic Width Automatic Image Nore
Sensors Social Storage Connectivity LEGO® MINDSTORMS®					Visible Ø
Experimental Extension				Rename Delete	
				Chrysanthemum.jpg Upload File	

7. Put together a **VerticalArrangement** with two **Labels** (one for the title and the other for the explanation) with an **image** in between them.

Palette	Viewer		Components	Properties
User Interface	Viewei	Display hidden components in Viewer	Button1	Button1
 Button CheckBox DatePicker Image Label ListPicker ListPicker Slider Spinner Spinner TextBox TimePicker WebViewer 		Check to see Preview on Tablet size Rutton1	 ■ Button2 ■ Map1 Marker1 ■ Button3 ■ VerticalArrangement1 ▲ Label1 ▲ Label2 	AboutScreen AlignHorizontal Left: 1 + AlignVertical Top: 1 + BackgroundColor Default BackgroundImage None CloseScreenAnimation Default + ScreenOrientation Unspecified + Scrollable ShowStatusBar
Layout			Rename Delete	i Title
Media		t D	Media	Title Button1
Drawing and Animation			Chrysanthemum.jpg Upload File	TitleVisible

8. Go to the screen 1 and repete the same process more 4 times (one for each country).

GO TO THE BLOCKS EDITOR

MRVisit	Screen1 •	Add Screen	Remove Screen		D	Designer	Blocks
Palette	Viewer			Components	Properties		

 Open the button 1 drawer to view the button's blocks. Choose the block "When Button 1. Click" and drag-and-drop it onto the work space. This picture shows the block for the screen 1.



2. After the screen 1 is ready go to the screen of the country (Bulgaria) and insert the same blocks drawers that are in the next picture (this picture contains more than one marker).



Repete the same process more 4 times to complete the app.