

Hour of Code

App Studio

Student handbook

Name: _____

While you wait...

1. Join the WiFi: MSFTOPEN

2. Go to

<http://appstudio.windows.com/>

3. Sign In...

App Studio Workshop

Go to <http://bit.ly/DIYGirlsAppStudio> ,
download the folder and unzip it!

0

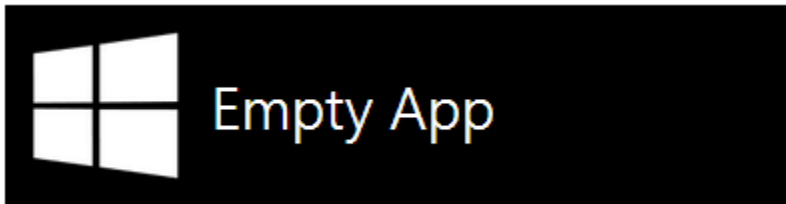
After going to <http://appstudio.windows.com/> click



1

Here we're brought to a page which gives us example projects that we can modify and work with, for example: my favorite band, my city, birthday party, your big trip etc. all kinds of great stuff to get us started.

In our case, though, we're going to start with an empty app. So, we're going to start with nothing there, and see how easy it is to create one.

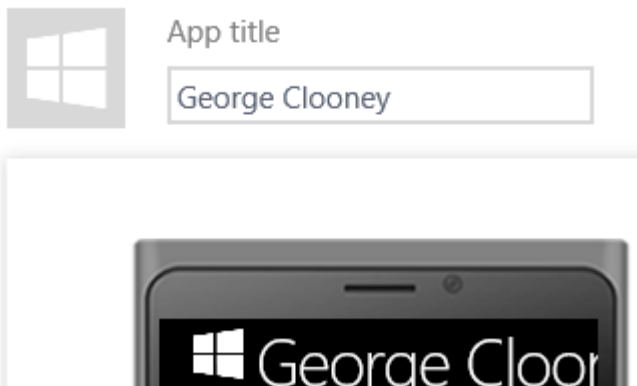


Now, click create, and we can get started.



2

The first thing we want to do, though is add a title. Our app is going to be about George Clooney, so we're going to title our app **George Clooney**. You'll notice that the app title will update in real time



3

The first piece of content we want to add is to tell a little bit about him. For that one, we're going to choose the block which says HTML.



When we click on it, we'll title it **About**.

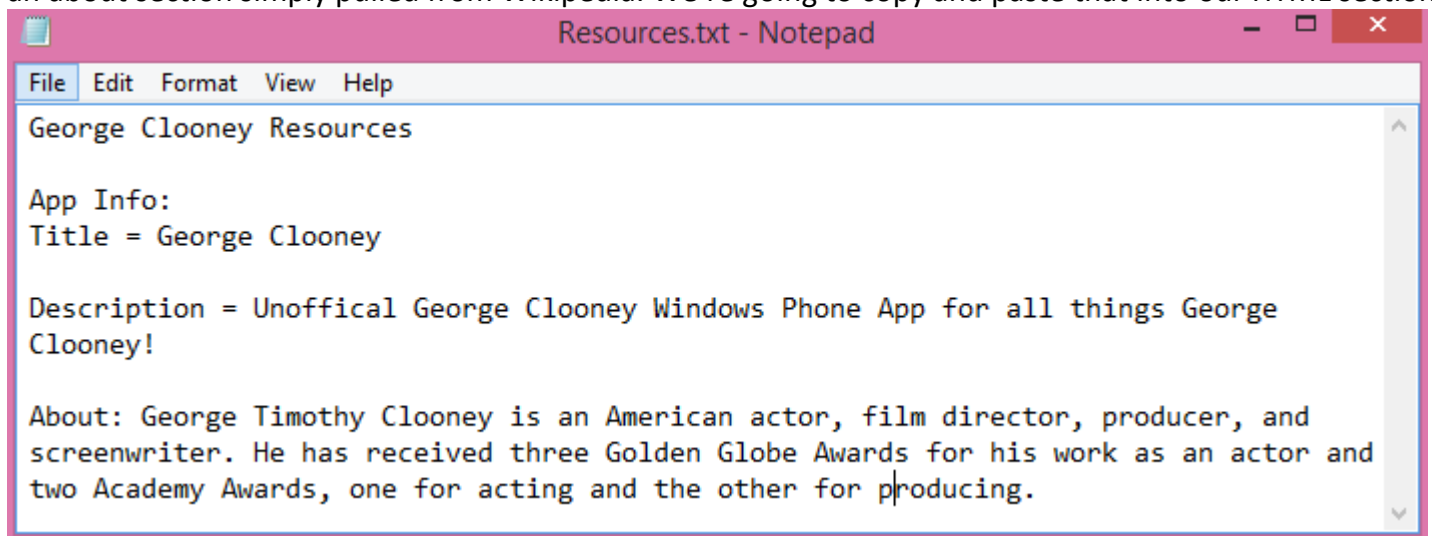
Add **Html** section

Section Name

We could come in here and type like we do in any word processing program, Microsoft Word for example. We can do things like bold, italics, or even bullet points.



Now, if you go back to that folder we downloaded, and open the file called *Resources.txt*, I've given you an about section simply pulled from Wikipedia. We're going to copy and paste that into our HTML section.



Once it's looking good (feel free to add your own bold and italics), click confirm.

Data Configuration

B

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</>

George Timothy Clooney is an American actor, film director, producer, and screenwriter. He has received three *Golden Globe Awards* for his work as an actor and two *Academy Awards*, one for acting and the other for producing.

Confirm

Cancel

4

The next thing we want to do is pull *news* information. Now, most sites, have something called RSS (Really Simple Syndication). What that means is it allows me to add an RSS feed to an application like this, and it will allow me to pull the latest news.

We can find George Clooney news at <http://www.onedirection.com/news> Unfortunately, App Studio doesn't really like this format. What it does like is the RSS feed which we can find at <http://www.onedirectionmusic.com/rss/news/>. These are the stories which we want to pull into our phone app.

Let's add an RSS section

Basic sections (click to add)



Rss



Html



Youtube



Flickr



Bing

Title it **News**, and add our RSS URL <http://www.onedirectionmusic.com/rss/news/>

Add **Rss** section

Section Name

News

Data Configuration

Rss Url

<http://www.onedirectionmusic.com/rss/news/>

Confirm Cancel

Then **Confirm** our RSS addition

5

Time to add a **YouTube** section

Basic sections (click to add)



Rss



Html



Youtube



Flickr



Bing

We're going to title this **Videos**, and pull the official One Direction YouTube name, which in our case is **OneDirectionVEVO**. We could have also done a search for One Direction, but this is a more direct link to their content.

Section Name

Data Configuration

Enter search term or exact user name

User

Go ahead and click **Confirm**, and we can keep moving forward.

6

The last section we're going to add is a **Bing** section

Basic sections (click to add)



Rss



Html



Youtube



Flickr



Bing

Let's title it **1DBing** and search for **One Direction**

Section Name

1DBing

Data Configuration

United States

One Direction

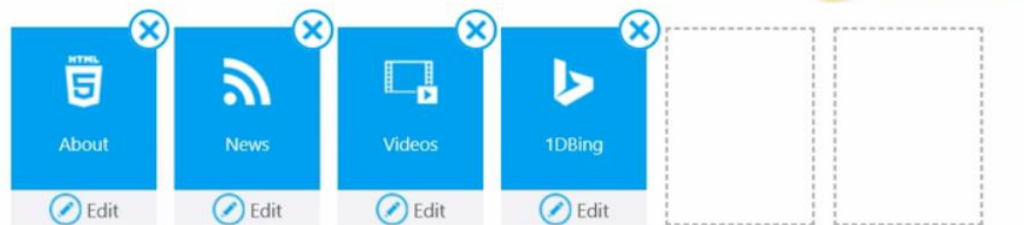
Confirm this page.

7

One of the most important things to do is **SAVE**

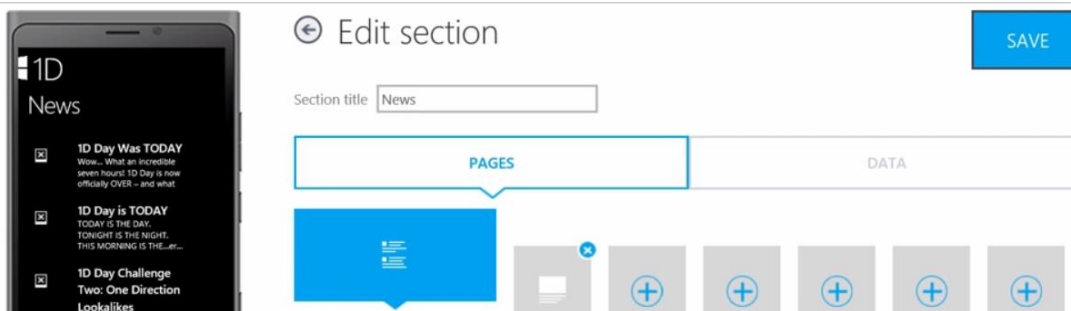


Main sections (6 Maximum)



8

Let's go edit the news section:



We're going to change the layout, to be **text only**. Then hit **SAVE**.

Layout



9

Let's go edit **Videos**, and change the layout there to make the video the focus.

Layout



Hit the **SAVE** button.



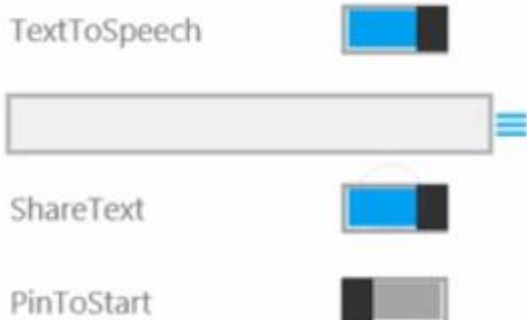
10

Lastly, let's edit the HTML page



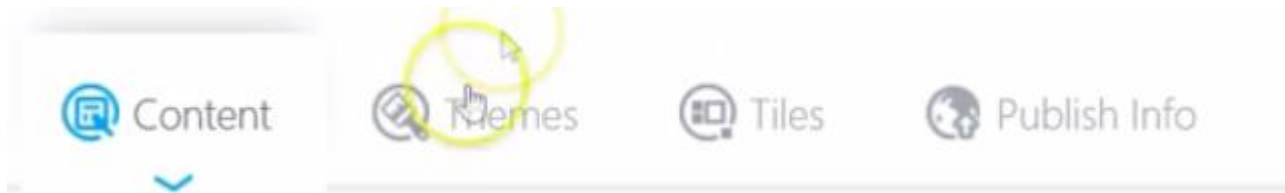
Here, we're going to enable **TextToSpeech**, where if someone's visually impaired, they can click on our text, and the app will read it to them. Also, we're going to make it possible to **ShareText** via email or messaging.

Page extras

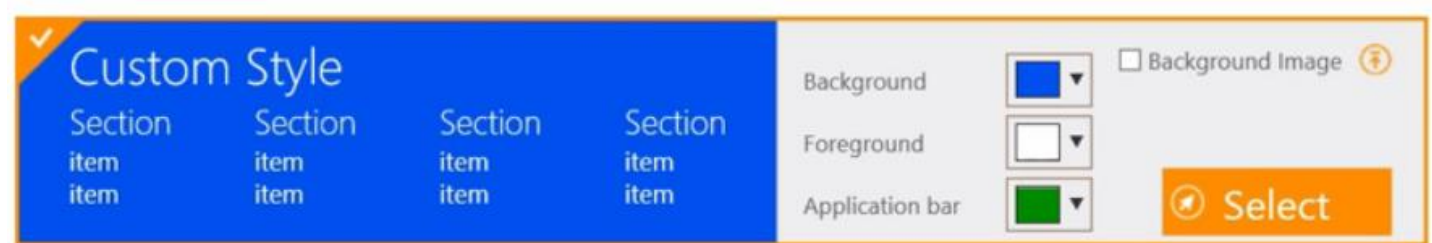


11

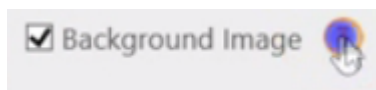
Now that we have all our content, let's make it look pretty! Go to **Themes**



We can create our own custom theme:



We can even select a custom **Background Image** from **App Studio resources**.



Select the image from the available sources:



I personally liked this one



And let's **save**





12


Moving on to Tiles, we're going to use the **Flip Template** and use the images from our downloaded folder.

TILES


SPLASH & LOCK


**Flip template**
The flip Tile template flips from front to back, offering application additional data

**Cycle template**
The tile cycles through up to nine images

**Iconic template**
The iconic template displays a small image in the center of the tile, and incorporates additional data if needed


Title




Small image

160 x 160 px

Normal image

340 x 340 px

Back title

Back content

Back image

340 x 715 px

Then **SAVE** what you've made here, and move on to **Splash & Lock**. And again, use the images from our downloaded folder. And **SAVE**.


Select your tiles


SAVE

TILES


SPLASH & LOCK


Splash screen background



Edit 

Lock screen background



Edit 

13


The last part of our app is the **Publish Info**.

We need to title our app, add an **App Description**, and **Include about page** These make our app available for public consumption.

Update publish information

SAVE

⚠ The app icon comes from a template, please change it.



App title

1D

App description

Unofficial One Direction Windows Phone App
for all things One Direction!

Language

English (United States)

Include about page

The about page will include the description, license terms, and allow you to share the app

☒

Enable ad client in the source code

View the [How To](#) to learn more

☐

Then **SAVE**.

Now that we're all done, we can click

→ Finish

✓ Generate

Other Cool Things to Try

- Install your app on your phone and/or computer
- Don't have a Windows phone and/or computer?

Try these other tools:

- <http://ibuildapp.com/>
- <http://buildanapp.com/>