**Mobile Ap Dev 2 Repeat Design Document**

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For my repeat project for this Module I decided to make an App using Visual Studio and Xamarin so I could be to make a Web App that would display information about certain country’s and then let the user to add more information If they wanted or if they felt like that a country has been left out in the app.

Before I did test I first plan this out on how I would display the app and how would I able to let the user to pick a country.

I decided to use Pickers in my app and then populated the Picker so that the user can have a choice of what to choose. So, in this case this be a list of countries the user could use, i.e. America, Ireland etc.

The first place the user should is the Home Information Page. The Information Page in the views should display the picker with the default text placement “Choose a Country”. Once the user picks the country, then below on the page information about the country such as its leader, a notable landmark in that country. These values will set up in the Model Item in the project.

To see how a picker would function on a normal app, I decided to research how pickers work and they can be populated. I went to the forum [https://docs.microsoft.com › xamarin › xamarin-forms › user-interface ›](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=2ahUKEwjuz_rC9LDkAhVQWRUIHZ_SDX8QFjAAegQIAhAB&url=https%3A%2F%2Fdocs.microsoft.com%2Fen-us%2Fxamarin%2Fxamarin-forms%2Fuser-interface%2Fpicker%2F&usg=AOvVaw13A30HZ-dyb9RA9okbk4B5)to see how I would be able to code into a the app. From doing this I saw that there were two ways to populate the picker, one to set the ItemsSource property to data to be displayed or by adding the data to the Items Collection.

There will also be an Add button in the form of a ‘+’ on the note left corner of the app. Once clicked it will move the user to another page where they can add in the information to enter text boxes such ‘Name’ for name of country, ‘Leader’ for the country’s current leader and Landmark for any landmark they wish to add to the info page. Once the user has filled in the blank text boxes, there is a save button on the top left side of the app where once clicked, the data that the user submitted will then go onto the wep apps info page.

Also, on the right top corner of the app there will a menu icon that will display two pages in the app such the home page and the added info page. The added info page will only be filled with only an example block of info where the text fields are filled with default descriptions of what to type there.

A user can then click on any of the new information that will then display a close up version of the information to display for the full page. To go back the user can use the go back arrow symbol at the top right of the page.