Design Document For Mobile Application Project 2019

Application Name : Multi App(cross platform)

Developer Name   : Raja Naseer Ahmed Khan

Date   : 1st February 2019

Version   : Visual Studio 2017

Stakeholders   : Raja Khan and Damien Costello

Table of Content.
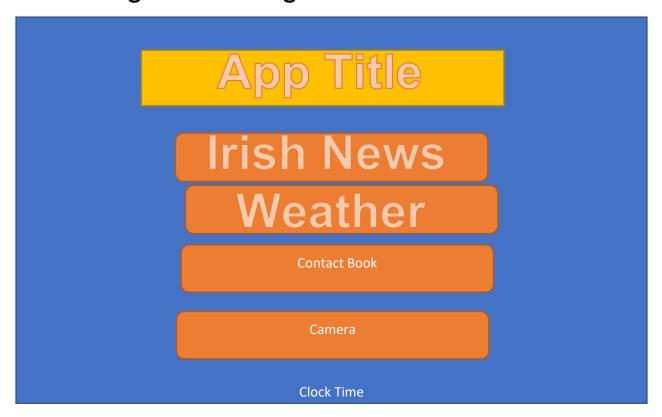
1.Introuduction:

This App shows the Weather data through OpenWeather API by using the city name as search query. Irish News Headlines, Saves Contact Information and takes Photo/Videos, it's Cross platform hence, can be used on any available device in market.

2.OverView of App:

```csharp
using System.Net.Http;
using System.Threading.Tasks;
using Newtonsoft.Json;
```

These above libraries Nugget Packages are important for HTTP communication and Json read and transfer of data. Those can be installed through market place in visual studio 2017
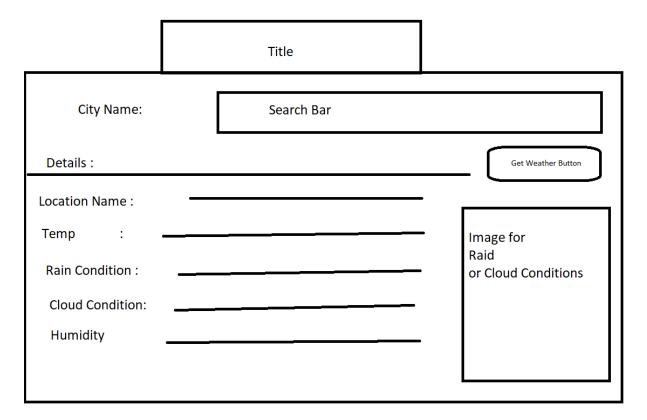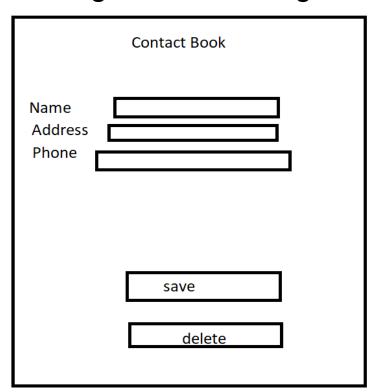
1.Design Main Page:

App Title

Irish News

Weather

Contact Book

Camera

Clock Time

3.Design News Page:

Welcome To Irish New

Photo

Title

Content

Photo

Title

Content

Photo

Title

Content

Photo

Title

Content

3.Design Weather Page:

Title

City Name: | Search Bar

Details : _____

Get Weather Button

Location Name : _____

Temp   : _____

Rain Condition : _____

Cloud Condition: _____

Humidity _____

Image for
Raid
or Cloud Conditions

3.Design Weather Page:

Contact Book

Name
Address
Phone

save

delete

4. System Requirements:

Usage Requirements:

- Windows 10 or Above.
- Android Platform jelly bean or above.
- IOS5 or Above.
- Internet Connection.

Development Requirements:

Visual Studio 2017.

SQLite

Newtonsoft.Json Library.

Microsoft.Net.Http Libarary.

OpenWeather API Key.

5.Conclusion:

Nice Looking App for Fetching the Json Data from OpenWeather and further enhancement are done in due course, as well further functionalities in different navigations will be added.