

# MINI PROJECT REPORT

Group 2

August 11, 2017

## **0.1 Topic: Agriculture data Analysis**

### **0.1.1 Group 2**

Don C Alosious (Team Leader)

Aiswarya Raj (Scrum Master)

Aneena K Bijy

Juhi Jojo

Simi Jose

Heera T Mohan

### **0.1.2 Name Of Task**

#### **Weather Forecasting Application**

Task Given Date -8/Aug/2017

Submission Date -11/Aug/2017

### **0.1.3 Objectives**

- What is the main goal of this app?

To predict the conditions of the atmosphere for a given location

- Is it track climatic conditions of any location?

Using this app we can get the full atmospheric details of any place in this world

- How can we get the weather details of a particular location?

We can connect our app with an OpenWeatherMap API

### **0.1.4 Algorithm**

**Input :**Enter the location for weather search

**Output:**Display the temperature,humidity from OpenWeatherMap API

(1) Start

(2) Set User permission to access internet

(3) Create the Text filed for enter the location

- (4) Create the Button for Search
- (5) Use an API for retrieving the weather details for the searched location
- (6) Display the Weather details in report
- (7) Store the displayed details to the database
- (8) Stop

### **0.1.5 Role Of Team Members**

Roles Assigned to each team members are;

8-Aug-2017 (Tuesday):

- Task was assigned for develop an android app to display the weather details of a particular location and store it to database.
- Group Members selected the Don C Alosious as Team Leader and Aiswarya Raj as Scrum Master.
- The Scrum Master conduct a meeting and discuss about the task in detail.

10-Aug-2017(Thursday):

- Scrum Master Aiswarya Raj conducted the meeting
- Aneena K Bijy and Heera T Mohan install the softwares on device
- Don C Alosious(Team Leader) complete the design for application
- Simi Jose and Juhi Jojo search the code for the android program

11-Aug-2017(Friday):

- Scrum Master Aiswarya Raj conduct the meeting and create the algorithm,execute code for the given task
- Aneena K Bijy and Heera T Mohan Study the code
- Juhi Jojo and Simi Jose execute the code
- Don C Alosious(Team Leader) provide technical support

### **0.1.6 Conclusion**

Design was complete and code for task was Obtained.Task was not completed due to Installation Problem.