**MINI PROJECT – I**

(2020-21)

WEATHER ADVISOR ANDROID APPLICATION

SYNOPSIS



Institute of Engineering & Technology

Bachelor Of Technology

In

Computer Science and Engineering

**Palak Maheshwari**

**(181500442)**

Under supervision of

**Mr. Mandeep Singh**

(Technical Trainer)

Department of Computer Engineering & Applications

**Introduction**

A huge change has occurred in the way people obtain weather information in the last few years and a large percentage of the population now get weather forecasts on their mobile phones. In today's world weathering about your own location or about any other location is a must necessity. Here I'm proposing a weathering android application that might have some more stability in it and can tell accurately about the weather changing in the surrounding environment of a particular location. Always-on connectivity allows users to receive specific information or notifications and always reach updated information, accessing the data stream with immediacy. The push-functionality becomes critical, for example, to disseminate alerts and updated weather warnings, providing relevant and timely information in order to reduce vulnerability to weather hazards. These features, united with GPS (Global Positioning System) and location-enabled smartphones, allow new mobile technologies to provide location-specific and time-sensitive weather forecasts in support of decision making by various end users, thus accomplishing the ultimate goal.

**Existing System**

To provide more consistent and reliable weathering system.

**Use of the Project**

The user can obtain detailed information about the temporal range of interest by going to the secondary level step page. At this level, the elements are also wind (direction and speed), probability of precipitation and visibility. It can help farmers to get easy notifications about weather change regarding their crop climatic requirement.

**Idea**

In order to reduce the difficulty level to provide utmost perfect temperate requirement according to their crop. It will be designed in such a way that anyone from agricultural activity.

**Software Specification**

* Technology Implemented : Flutter
* Language Used : Java
* Database : MySQL
* User Interface Design : Android Application
* Web Browser : Chrome

**Hardware Requirement**

* Processor : Intel CORE i3
* Operating System : Windows 10
* RAM : 4 GB
* Hardware System : Computer System
* Hard Disk : 64 GB

**Future Scope**

With this project we will be aiming to Speed Up the application as it will take Less of the Internet Usage. To add Voice Implementation for visually impaired. To add Language Options so that anyone regardless to the particular language can use it.