**Test Plan for AccuWeather App:**

**INTRODUCTION**:

The Test Plan is designed to describe the scope, approach and plan all testing activities of

Accuweather App. Test Plan lists Test Scope, different testing types carried, Deliverables, Resources,

Test Environment, estimations to perform testing.

1. **Test Strategy:**

**In-Scope:** All Specifications mentioned in AccuWeather app need to be tested.

* **Module Name:** AccuWeather Superior Accuracy

**Description:** User can view accurate weather conditions of his/her current location.

* **Module Name:** Animated Radar

**Description:** App provides user his presence, distance and weather forecast.

* **Performance under different network conditions:** User can open App and check weather forecast without maximum delay or app crashes.

**Scenarios can be**

1. Connection on Wifi.
2. Only 4G Connection
3. Only 3G Connection
4. In Airplane Mode
5. In Intermittent network scenarios where user can face in real world.
6. Difference in Metrics from old version to new version

* **Battery Consumption**

**Out of Scope:**

* Application Interfaces
* Security Issues

1. **Test Methodology:**

Agile Methodology is implemented for AccuWeather App. Following testing types can be conducted mainly.

1. Functional Testing
2. Installation Testing
3. Performance Testing
4. Interrupt Testing
5. **Risk Level :**

Project Schedule (Based on allotted time for Sprint)

Budget Estimations

1. **Test Occurrence:**

Tester can start execution when Test Specifications & Test Environment are ready. Exit Criteria can be 100% successful test coverage.

1. **Effort Estimation(Per Sprint):**

Creating Test Strategy & SRS - Test Lead - 100 Man-hour

Test case scripting - Tester - 60 Man-hour

Bug Reporting & Regression - Tester - 30 Man-hour

Deliverables - Test Manager - 20 Man-hour

1. **Deliverables:**

**Before Testing:** Documents of Test Strategy, Test scenarios/cases & Testing specifications

**During Testing:** Test Data, Traceability Matrix, Bugs Reported, Error Logs, Test Management Tool.

**After Testing:** Bug Report, Test Result, App Analytics Report, Installation Procedure, Release Notes