**Project Proposal**

1. **Purpose / Goal**

The goal of this project is to provide a weather display application that uses GPS to get the temperature at a specific location to use.

1. **Project Objectives**

The objectives of the project are to make sure that we develop an app which takes into consideration, the user location and provides the latitude and longitude co-ordinates using the device’s GPS system which then in turn uses the website world weather online to gather and display the weather information. The aim

1. **Project Scope**

Kiwi Weather is a Xamarin android based application software. It helps users to check current weather and uses GPS to get the temperature at a specific location by using the latitude and longitude of the phone’s location and weather information from world weather online .com

1. **Project Schedule**

* Completion of initial investigation
* Design Drafted
* Design signed-off
* Prototype program completed
* Stages of program refinement signed-off
* Program completed
* System documentation completed

1. **Project Review**

* Final Product/Outcome - a description of produced product

The final product is called Kiwi Weather and is an Xamarin android app which may be used to gather and generate current weather information by using the device’s GPS system to gather coordinates and display information to the UI via using the website worldweatheronline.com

* Product quality – what you delivered and what you expected to deliver, and the reasons

for any variation.

The quality of the final product achieved is satisfactory in producing the desired results. Some variations may arise as the app is dependent on generating user latitude and longitude co-ordinates via the location services and uses the website worldweatheronline.com which may affect the results if it is experiencing any problems or is offline.

* How it measured against objectives and measures of success**.**

Satisfactory results achieved when measured against objectives and measures of success**.**

* An evaluation of how well you thought the project went – what were the major

successes, weaknesses and lessons learned.

**Success:** App uses the phone’s location services and the website worldweatheronline.com to display the weather information.

**Weakness:** App is dependent on generating user latitude and longitude co-ordinates via the location services and uses the website worldweatheronline.com which may affect the results if it is experiencing any problems or is offline.

* Future scope

The app currently uses a third-party website to display weather information which is subjective to the website’s user rights. It may be beneficial to develop our own website to gather and display info or add any advanced features to the app such as 10 day weather forecast or other necessary information which may be beneficial.