

Project Proposal

For

Weather Suggest (working title)

Instructor: Dr. Yan

Team Members: 4

Cycle: 1

Date Submitted:
2/1/2019

Document template copyright 2015, CCI Faculty, Version 2.0. Use permitted under Creative Commons license CC-BY-NC-SA. See <http://creativecommons.org/licenses/by-nc-sa/3.0/>

Grading Rubric – Project Proposal

This rubric outlines the grading criteria for this document. Note that the criteria represent a plan for grading. Change is possible, especially given the dynamic nature of this course. Any change will be applied consistently for the entire class.

Achievement	Minimal	Exemplary	Pts	Score
Content	Section(s) missing, not useful, inconsistent, or wrong.	Provides all relevant information correctly and with appropriate detail		
Project			30	
Team			10	
Timeline			30	
Grammar and Spelling	Many serious mistakes in grammar or spelling	Grammar, punctuation, and spelling all correct	10	
Expression	Hard to follow or poor word choices	Clear and concise. A pleasure to read	10	
Tone	Tone not appropriate for technical writing	Tone is consistently professional		
Organization	Information difficult to locate	All information is easy to find and important points stand out	10	
Layout	Layout is inconsistent, visually distracting, or hinders use	Layout is attractive, consistent, and helps guide the reader		
Late Submission				
Total			100	

Project Proposal

This report documents the initial definition of the project. It includes an abstract and project overview. It also includes a summary of issues related to the project and to the team.

Project

Project Name: Weather Suggest

Abstract

We plan to create an Android app that alerts the user about weather conditions before going to class or an other event. This will be done by taking user input for when they have classes or events each week, then interacting with a weather API and sending push notifications at a set time before the event starts. Notifications from the app could include: “Burr it’s a cold one! It’s -5 degrees out, bundle up!”, “It’s raining! Don’t forget your umbrella!”, etc.

Project Deliverables

We will deliver a fully functional app compatible with the most recent version of Android. This app will look slick and appealing to users and will make interactions with the users very intuitive and easy to understand. Planning out your schedule will be done in the app as we determined 10 weeks is not enough time to integrate interactions with Google Calendar’s API. We will set up push notifications that deliver accurate information in a way that is easy to understand for the user.

Resources

For this project we will need a few things. Android studio is a free IDE used for developing Android applications. We will use this for our project. We will also use a weather API, there are many free weather APIs out there and we will spend some time determining which API suits our needs. We will also need an Android device to test the app on. Some of our group members have Android devices so this should not be a problem. In order to design the UI of the app, some group members may employ a graphic art program such as Photoshop to help.

Expertise

In order to complete this project we will need a great understanding of Android application development, an understanding of the weather API we use, experience in graphic design and UI, and some research into human interaction. Overall, most of this project comes down to us learning different topics on the go and combining our understanding of each topic.

Team

Team Members and Roles

Figure 1, below, identifies all the team members and the initial role assigned to each person.

Name	Role
David Stone	Application Developer, UI & Graphic Designer
Ryan Hoffercker	Application Developer, Management
Joe Hickey	Business Management, Surveyor
Andrew Maxwell	Application Developer, Project Researcher

Figure 1 - Team Members and Roles

Timeline

The figure below shows the initially identified set of activities for this cycle.

Figure 2 – Project Timeline

