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May 10th 2016

Document Specification

The topic of my final project is about creating an android mobile application that allows users to rent dogs out based on the user's availability. The audience is intended to be for Santa Cruz localist with android devices that are from ages twenty-one and over, with a credible background, and desiring a dog to rent for a period of time.

The most important aspect of this project shall be to understand the needs of the customer for renting a dog. Today's modern mobile application consist of complex graphical interface that leaves the user confused; however, this project will be simple yet efficient in assisting the user. Using an android studio environment; a team of Java programmers will set forth the goal in providing such a desirable mobile application. Some of the features of this application shall consist of a main screen that allows the user to choose a path for the activity they want. We would have around three or four activities to keep it simple for the user to follow. We would have renting dogs as one of the choices. Along with that activity, I would organize my other activities in ways of having sub activities of the main activity. For instance, there will be a way to post to the page of the rental dogs, which allows users that have dogs the ability to rent out their dogs. As for the functionality of the application, there shall be a way to keep the search simplistic. For example, searching for a type of bred, age of a dog, and location are three important parts for a user when choosing the dog they would like to rent out. Therefore, in all, the main

point of interest is to keep the application simple to the user that allows them to post, search, and even share their post.

There is a great amount of potential in research when figuring out the interest of people that would love to rent out a dog. Therefore, some general sources of topics to investigate would be as such: how much would you pay to rent a dog, how much credible background must be standard in renting a dog, and would one allow themselves to rent out their dog. Questions like these would be given as a survey to the localist in the city of Santa Cruz to help analyze how the user would interact with the application. There can also be further detailed questions about more sensitive issues such as: what ways can we ensure dog's safety, user's safety, and other precautions that are foreseeable in the future. There are many issues yet to resolve and by researching and analyzing some of these situations, this will help create a better environment for my application. As for programming research, I would want to research more about databases and a more efficient way of querying data. As well, researching some methods in Java and JQuery to help with the simplicity of my application.

The type of style guide I would pursue for the documentation write up would IEEE, making my topic a professional and formal style. The information would be easier to cite with the ability to write an IEEE format style document in LaTeX. As well, I would be able to structure my documentation in an orderly fashion; one that introduces my research, explains my research, and then allows for a conclusion as why my research

is important. Through this structure, I believe I can achieve a successful write up about what goals and desires I would want my application to hold.