

Spartan JCAApp

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Project Proposal

Abstract

Everyday millions of people around the world are meeting new people in order to build new acquaintances, partner with different sponsors for various events, or maybe to network with other people towards being more presentable for a job. But, sharing various contact information with other people can take a while and can be very difficult towards various employers. So, in order to fix this problem, the application that our group is presenting involves a barcode and a user's setup information to shorten the amount of time it takes for users to exchange contact information with one another. With this application, it would allow users to be able to implement any sort of contacting information that they want to share with other people through means of a barcode. We are doing this project in order for a user to be able to have their contact information in a much more protective and user friendly environment as well as change the way people would contact one another.

Right now there are several contact management apps out on the market, but their solutions are not great. The main contact management apps that are used are preinstalled on people's phones. These applications take a lot of user input in order to use and they take a lot of time to organize for the user. With the solution that our group is going to create, there will be much less user input and would allow a user to manage their contacts and information towards a wide variety of situations with ease.

By allowing the users to not input all of the contact information belonging to another person, we can simplify the user experience dramatically. By scanning the user-made barcode, we can shorten the time that it takes from 5-10 minutes of trading information to approximately 1-3 minutes. This allows the user to meet new people at a faster rate and get people's contact

information in a more simplistic fashion. In order to achieve our goal of a simplistic contact system, the tools that we are going to use are Java and Android Studio. The reasons we are going with these tools is because Java is a common everyday programming language that is acceptable to a wide variety of platforms and that Android Studio is easily compatible with Java. These are the reasons how our application will be able to handle contact management compared to our competitors.

Team introduction:

Most of our group members: Trevor O'Neil, Riya Jain, Saoud Basedeq, and Jasmit Mahajan are new to SJSU. The good thing about us is that we all have diverse backgrounds and have great ideas about the project, which will help us create a unique idea for our project. All of us have some experience with different languages, such as Python, Java, C++, and JavaScript. However, we all agreed to our project being an application that would use a barcode scanner that stores user-inputted contacts to share with another person or towards a group of people. In order for us to create such an application, our group will be using Java because of how flexible the language is, in terms of developing. In addition, we are interested to have our project be appealing towards a wide range of people, so developing with Android Studio is the best choice for us. We want to work on this project because it will help us understand how projects are in the real world. Furthermore, the process that we will develop our project from zero to production will give us a better understanding of some of the projects that Software Developers produce to consumers all around the world. Lastly, we believe that doing this project would be able to develop our resumes towards landing internships and job in the future.

Cost Estimation:

All of our team will have an annual salary of \$90000.00 and we will take an average of \$50.00 an hour. In fact, our first estimation of the project is going to be around \$15000.00. I think that there may be other costs that could incur during development if we wanted to possibly update our application or if we wanted to be able to support our application to a wide variety of platforms.

Cost = \$15,000

Annual Salary for Jasmit: \$90,000.00

Annual Salary for Riya: \$90,000.00

Annual Salary for Saoud: \$90,000.00

Annual Salary for Trevor: \$90,000.00

Total Cost for Project = \$375,000.00