**App Developments Reports**

Auburn Tour App

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Outline :

1.Start-up Motivation

2.Summary of application

3.Function explanation

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**1. Start-up motivation (Problem-Solving)**

**Problem :**

After students graduated high school, most students were getting inside of a new society called college life. They started a new college life as they expected. They expected a new place and new friends. Although many students expected a hopeful college life, the new environment may not be just enjoyable and easy. Comparing to college life, students should take their own responsibility. They are not longer in the shade on their parents. They had to choose their major, register class, and prepare for the future. Those are very serious steps to have a successful college life. So, most freshmen may be confused or worry about the first year of college. Of course, parents may worry about their children too. They may wonder if their children are eating well, studying well, or sleeping well. As a result, the auburn university has offered the campus tour during the semester. When I was a freshman, I participated in the campus tour. It was a great time, but it was too hard to get specific information. For example, there are major information, department information, and what’s around on the campus. Therefore, we decided to develop a campus tour app for students and their parents, also for people who have an interest in Auburn University.

**Solving :**

To provide a better campus tour, the Auburn Campus tour app offered specific information This app is composed of four sections which are major information, department locations, tour etiquette, and contacts. The major information section provides brief major information and curriculum. Based on the information, the students would know what they learn about the major. As a result, they would a passion and interest in the major. Also, curriculum information includes the class information to graduate college. For example, they can distinguish between required and unnecessary subjects. It will help students to have efficiency academic schedules. Next, the auburn map section provides the location of the major department and what around on the campus. Since the campus is pretty big and the department name is not familiar, freshmen may struggle on the first day of school. So, this map function assists students to find their classrooms. Also, this map section included the local area information. For example, there are dining places, shelters, or facilities. So, parents don’t have to worry about children’s campus life. Next, including the campus tour etiquette information, it can help tour guides. Tour participants can know clearly campus rules. Last, this app has the contact information section. This contact function is directly connected to a department officer and tour guide. After the tour is finished, people can easily ask their questions individually. They can easily solve their questions. Likewise, the Auburn campus tour app includes a variety of information. This app is designated to lead a better campus tour. The students and their parents can reduce the pressure on their first semester. Good starting leads to academic success.

**2. Summary of application**

Auburn Tour app is composed of four sections. They are Major/Department, Maps, Tour Etiquette, Contacts office.

**Major/Department section:** This section includes a variety of major information. This section has a description of majors and study curriculum.

**Maps section:** This section includes major Auburn department and facilities locations It also has a description of the department.

**Tour Etiquette section:** This Sections includes tour etiquette’s rules,

**Contacts section:** This section has a function to send an email to the designated office email address. After the tour is finished, they can still ask questions.

**3. Function Explanations**

**Check the attached file!**

**4. What we learned**

Every student has participated in Auburn Orientation in their first year on campus. It was a valuable time and an exciting campus tour. However, it was not hard to understand campus life. So, we decided to develop an app for helping campus tours.

When we started to develop our application, we faced many struggles. Especially, we were not familiar with the Android studio. Developing an app is much harder than we thought. Even though we had a lot of problems, we watched many guide videos and follow the step by step. As a result, we could understand how to write XML code to design our application, create a button to choose several options for the user, also we could deal with google map with using API system in google. As time goes on, we are more interested in developing an application. As we discussed many times, we found an answer for solutions. It was an absolutely exciting and valuable time for us to work on this project. Consequently, we are so glad to solve problems ourselves. I hope our application helps our Auburn freshmen students, also for visitors. It was a great time to work on this project.