

sdmay18-20: A Disappearing A Pillar

Week 3 Report

September 18 - September 24

Team MembersShengliang Liu — *User Interface/Image Acquisition Programmer*Guantong Zhou — *User Interface Programmer*Han Liao — *User Interface/Image Acquisition Programmer*Wenrui Wu — *Team Communicator*Yixuan Wang — *Image Processing Programmer*Yao-Wei Lee — *Team Website Designer/Image Processing Programmer***Summary of Progress this Report**

- 1)Continue self-studying the functions of Android Studio
- 2)Start working on User Interface with Android Studio, we started with choosing the icon for our app and background pictures for the app.3)
- 3)Measure the size and the angle of the A pillar of the sample SUV and make a model with cardboard in the same size and angle for easily testing in the future.

Pending Issues

- 1)Need to program the buttons in menu and toolbars.
- 2)Need to adjust the angle of camera to affix onto the A pillar of SUV.

Plans for Upcoming Reporting Period

- 1)We need to start working on accomplishing the camera button's function on the main menu.
- 2)Need to decide the what functions we should include in the navigation bar.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Shengliang Liu	This week, we have continued on figure out the work with Android Studio. Our programmer have finished the Interface of our App. We have upload our image and added our personal information.	5	41
Guantong Zhou	We keep learning Android Studio this week and start building the user interface with choosing the background image and icon for the app.	5	41

Han Liao	In the past week, I build the User Interface frame on Android Studio. Start with watching the tutorial online. With the template given, I imported our project icon and background. I went to measure the pillar size and angle, use the cardboard to model and it gonna be used to test later.	5	46
Wenrui Wu	During the past week, I keep learning how to create user interface on the Android device by using Android Studio. Apart from this, I provide my SUV as a model car, and I measure the size of A pillar and angle of it with my team members. And I worked on how to attach the tablet on this model car.	5	41
Yixuan Wang	In this week, we get our tablet and start our project on android studio, We start to choose our App icon and the app button image in the user interface. And also, in order to do an app, we need to develop some introduction functions besides the camera function, such like privacy, about us and etc. We separate this work to different people.	5	41
Yao-Wei Lee	We continued learning and doing exercises according to tutorials from the Android Studio website.	5	41