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## **EE/CprE/SE 492 BIWEEKLY REPORT 6**

**March 26 - April 6**

**Group number: sdmay18-20**

**Project title: A Disappearing A-pillar**

**Client &/Advisor: Professor Kim Jaeyoun**

### **Team Members/Role:**

- Yixuan Wang —Team Communicator
- Han Liao — User Interface/Image Acquisition Programmer
- Wenrui Wu —Image Acquisition Programmer
- Shengliang Liu—Program Tester
- Guantong Zhou —User Interface Programmer
- Yaowei Lee — Team Website Designer/Image Processing Programmer

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### o **Weekly Summary**

- During this week, we added details of our result to our PPT and we finished our presentation.
- We discussed how we going to optimize our application in the rest of the semester.

### o **Past week accomplishments**

- Yixuan Wang: I improved our Powerpoint and add more image details for our testing on our PPT to explain the position for our testing. Besides, I completed the powerpoint for our final presentation.
- Han Liao: During the past week, we modified our powerpoint for our final presentation. And I start to build another feature functions called pillar category which allow user can choose their pillar width according to typical vehicle type.
- Wenrui Wu:In the last two weeks, I tried to put more slides in our final presentation PPT and make our slides more easy to be understood.
- Shengliang liu: Working on the image processing.
- Guantong Zhou: Started working on the poster with creating the template and shared with all the group members.

- Yaowei Lee: In the last weeks, we did our final presentation slides based on our previous presentation. From other groups respond, we also add some explanation on our presentation to make people understand better.

○ **Pending issues**

- We have gotten the data about the visibility, but we need to do more testing details on the image about explanation for the visibility next week.
- We have another feature function need to build. Before we start to do it, there are some research we need to find online and learn.

○ **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>HOURS cumulative</u></b>
Yixuan Wang	I improved our Powerpoint by adding some extra slides with image details of the horizontal and vertical angle to explain the position for our testing and also explain the goal of our APP. Besides, I completed the powerpoint for our final presentation. We meet with our professor, and he did some improvement about our final presentation powerpoint.	8	48
Han Liao	Since its close to our final presentation, combie with the powerpoint what we have last semester, I improved our Powerpoint for this final. And I am working with the feature function in our app	8	48

	called, pillar category. I found some vehicle information online and measured some of vehicles' pillar width. Depend on the data I got, I code them into our app.		
Wenrui Wu	In the last two weeks, I added more detailed information about our testing result into our presentation PPT and I separated some slides, deleted some irrelevant pictures and make our PPT more easy to be understood. During the normal meeting with professor, we discussed how we are going to prepare the final presentation and what we should do in the rest of the semester.	8	48
Shengliang liu	After finished the presentation, we are continue on our project for the APP, we are working on the image process, we need to make the image quality.	8	48
Guantong Zhou	I created the poster and made a template on Google Drive and share with all the group members.	8	48
Yaowei Lee	I did part of slides for our final presentation. And we scheduled a time for our final presentation. We negotiated with our professor about our presentation time. We edited our final presentation together.	8	48

○ **Plan for coming week**

- Team Member 1: Yixuan Wang: I will try to find some improvements for our APP next week. I will also try to practice our final presentation for next coming week.
- Team Member 2: Han Liao: I will start to prepare our final presentation and improve our Powerpoint. I will keep searching information online to build our other feature functions. It could be done before our final presentation.
- Team Member 3: Wenrui Wu: For coming week, we plan to prepare for the final presentation and make our slides more clear, as our professor suggested, we need to separate some pictures and make it easy to understand.
- Team Member 4: Guantong Zhou: Start creating the final poster and powerpoint and also preparing for the final presentation.
- Team Member 5: Yaowei Lee: I will practice with our group for our final presentation.
- Team Member 6: Shengliang Liu: We are focus on the function of our App, to improve the image quality.

○ **Summary of weekly advisor meeting**

After meeting with our professor, we were asked to improve our powerpoint more readable. And depend on the testing and data we measured this semester, we combined those data with our last semester powerpoint together. And we started to work our feature functions like pillar category. We planned to finish all of our feature functions in next two weeks and focus on our final presentation.