

## **EE/CprE/SE 492 BIWEEKLY REPORT 2**

**Start Date – End Date:** 1.20 – 2.4

**Group number:** 8

**Project title:** VR UI design for engineering

**Client &/Advisor:** Pin & Chu

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

Yuwen Xia - Team Leader

Xueyuan Chen - Coding team member

Zheng Fang - Coding team member

Hongji Luo - Coding team member

Jiancheng Zhang - Research team member

Ziming Liu - Research team member

### **o Weekly Summary**

During this two weeks, we have a great meeting with client that demo the current VR UI prototype. After that we continue to work on other function of VR UI, such as dragging item, tool belt design and measurement function. Our client was satisfied with our idea during meeting and point out what we should improve within next one month and to prove our idea of VR UI or some of certain idea is better than ours.

### **o Past week accomplishments**

Zheng Fang, Yuwen Xia, Xueyuan Chen, Ziming Liu:

- Make a demo of VR User Interface controlled by HTC Vive.

Jiancheng Zhang, Hongji Luo:

- Patent research

### **o Pending issues**

Zheng Fang, Xueyuan Chen:

- Menu can be posted and stuck in any places and can be moved or return to our hands by pressing certain button.
- One or two commonly used option\tools can be selected and placed in front of chest.

### o Individual contributions

NAME	Individual Contributions	Hours this week	HOURS cumulative
Member Yuwen	VR UI Demo	11	21
Member Xueyuan	VR UI Demo	12	22
Member Zheng	VR UI Demo	12	22
Member Hongji	Patent research	10	20
Member Jiancheng	Patent research	10	20
Member Ziming	VR UI Demo	12	22

### o Plan for coming week

Yuwen, Xueyuan, Zheng, Ziming

- Next meeting demo: tool belt (add cube represent tools on tool belt)
- If we want to place another function, we can drag the function from menu near the function we want to replace with.

Jiancheng, Hongji

- Patent, research anything interesting
- Timeline for next two month

### o Summary of weekly advisor meeting

- Tool belt idea should be achievement by February
- Preparation of presentation