Assignment 3: Our IT Project

Introduction to Information Technology

**members**

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# Team Profile

Team Name: Hammerhead

Team’s Website:http://bit.ly/ITassHammerhead

Team’s Git repository: https://github.com/s3728207/Hammerhead.git

Comments: Some of our group member have trouble with using Git repository, and because this assignment are quite similar with last one and we didn’t have much changes,so we mostly keep using Google drive for sharing files. As we limited use in Git repository, we discovered that it is a really efficient tool for group work. Once we finished some work or have some changes, we simply need to put the files in the designated folder, then push it, so other people can reach it by pressing pull. Also the history showed us who shared the files and when which can be used for Coordinating team work.

# Project Description

# Skills and Jobs

## Hardware engineer

## design and develop holographic lens and its subcomponents.Lead resolution of cross-functional issues including those architecture issues such as performance, power consumption, thermal behavior, production issues such as quality, failure analysis, manufacturing, and development issues,such as schematic design, PCB layout, and overall system integration.

## software engineer

Design, develop, test, deploy, maintain and improve holographic lens’ operating system and its based software.

## product manager

Define overall strategy, product roadmap and technical/feature specifications for this whole new product based on long-term product vision, user needs, technical.

## UX engineer

Explore product concepts to find promising directions addressing user needs.Build prototypes to assist in user research, using low- to high-fidelity techniques and/or build design tools.

# Group Reflection

### As a group:

As a group, we didn't use Git repository to do our assignment. We first distribute work for each at the tutorial two weeks ago and we agree to put our work on Google docs, once we all finished our part, we could simply fix and discuss on Google docs.it went pretty well actually, we finished the IT works and IT technologies at the first week and it didn’t really leave much of the work.

The first thing might need to be improved should be coordination because different people have different schedules, that make some people feel irritated when they finished the work a lot earlier. Next time if we can start our work earlier it could have been better. Second, we should use Git repository to do our work because it shows the audit trails which can help us to recognise each one’s contribution, it can really help the Feedback section and Reflection section.

One thing that surprised us is Git repository. We didn't realise there is such convenient tools for teamwork, thus we didn't have trails for what work each one of us has done until this assignment. Git repository is a really helpful tool for teamwork.

One thing we learnt about group is work can be a lot easier as a group but can be a  
trouble as well. Once a work has been distributed to a lot of people, separated  
to different part, each part can be focused by only one person, it is not just  
efficient but also less burden

### Bowen Zhang:

I think I did well for this assignment, I’m pretty good at programming but have flaws in writing, so I ask other member to check on whatever I wrote and it went well. The first thing that could improve is my writing skills, I wrote team profile, participate in project description and skills and jobs. The other thing can be improve could be collaboration, we all from same countries but we didn’t have much of experience for working as a team. We had some coordinate problem, not big problem but also needs to improve. One thing that surprise me is we have Git repository which is really a good tool for teamwork, I intend to use it but some of our group member has difficulty using it, so we only use it limited. One thing I have learnt about groups is it makes work a lot easier but a lot harder as well. I can do all the work by my own, it means I must communicate with others. Five people have five different thoughts, five different opinions and five different lifes. That makes things better and complicated at the same time.

### Cheng Chen:

For this assignment I have done pretty well. Since I have more experience in writing academic reports and essays, I helped other members on how to find sources and formats. Something good is, we went pretty well on track and kept everything organized. We did not run into any trouble in terms of content and sharing. Work were distributed to each member before we start. Most of us including me finished all the work well before the deadline we set making it easy to finish all the work in time. The major aspect we need to improve is teamwork. All of our group members come from China where we are strongly encouraged to focus on personal abilities. Nearly no teamwork was involved in our studies in China. We sometimes have trouble reaching each other and due to that I am the only one living in city, we were unable to have a meeting after class. This did not cause a lot of trouble but it is definitely something we would like to improve. One thing that surprised me is GitHub which I did not realise how it works until we finished all the work. Our team did not use GitHub for this assignment. We used Google Docs for collaboration instead. Later I discovered how well GitHub could perform and I have to say that I regret not having it checked beforehand. One thing I learned from group work is communication. Communication is so important that nothing can be achieved without it. During the work of the assignment, one of our group member is constantly missing and we could not reach her which caused a little bit of trouble. We could not make progress with any of the members so communication plays an important role in teamwork. Overall, we all did a great job for the assignment.

### Junhao Zhang:

In this assignment, I realized the importance of group work. In previous days I always liked to do the work alone. But now I have opened a new world in my mind. I have never take part in team work before come to college. That makes me don’t very adapt it at the begin of the assignment. After I work together with my team member, I have changed a lot. For example, I have learned some skills about build website from Bowen. But I think I can improve more, such as typing speed. I have see my team members typing very fast. I think this is a skill that I must upgrade, otherwise my work efficiency will be lower than others. The progress of assignment is still relatively smooth. There is not much problem except the initial run-in. I did my best to do everything that I did. As for the workload, we assign tasks to everyone according to the actual situation. We had a good discussion about this when we were in class, and there was no ambiguity. Regardless of the final score, I think we will not feel regret as we do our best work. After all, we tried hard.

### Xinyi Zeng:

In this assignment, I think I have performed well as I can. Because our group project idea is about holographic lens. I have learned so much about hololens. So I have done lots of research to learn more about hololens. And identify the features of Microsoft Hololens. My group members also do it well. Like Cheng chen, he needed to conclude all the essays that we wrote. It is amount of work. So I think he have done very well with our group work. By doing this assignment, I think we practice our team associated skill well. Furthermore, I still need to improve myself in many areas.

Teamwork is a good way to enhance everybody’s collaboration ability. Through this learning from others, I think i can do better next time.

Ziqi Zuo:

When I am doing my assignment work, the searching I have done went well. There is quite a lot of information online of the IT project that I need to do. And most of the information is easy for me to understand. But I still need to improve the expression of the information in my own language. When I am doing my work, I am surprised about how much one Bitcoin worth and how many people are using Bitcoin right now. Bitcoin is so expensive that I have never thought before. For my group, everyone is well prepared for the assignment and knowledgeable with the title. They do really good jobs for their parts of works. And they finish the work really quick and well made. Thus I think I need to speed up while I am doing the work because I am really slow compared to them. And I think I might need to do more communication with my group members as well.