**Assignment 1:**

Name: Fei Mo

Student ID: s3754501

GitHub Page URL: <https://justphilipmo.github.io/The-First-Git/>

GitHub Repository URL: <https://github.com/JustPhilipMo/The-First-Git.git>

**Personal Information**

My name is Fei Mo, called me Philip. My student number is s3754501. The Email address of me is [s3754501@student.rmit.edu.au](mailto:s3754501@student.rmit.edu.au). I am a Grade one student in RMIT. As you can know, I am an International student. I am from China, therefore, my mother tongue is Chinese. Also, I can speak English, Mandarin and Cantonese. Actually, I am a foundation student in RMIT as well. However, I attended the Plympton International College in Adelaide in my high school. I gave up my last year of high school and came to RMIT because I like the learning atmosphere and the campus of RMIT. I like playing Basketball and Fencing. Then, I am a Game-Boy as well. I played a lot of different type of games such as MMO, RPG. For example, I played Dark soul, Monster Hunter, CSGO and PUBG.

**Interest in IT**

In my childhood, my parents were working in computer market. Therefore, I had a strong interest in computer at that time. When I was a kid, I always took computers apart and put them together again, however, I was never succeed to fix the computers. As I said, I am a Game-Boy, and a person who is my uncle changed my life when i was a kid. He is a Java programmer who is working in a Gaming Company. He was always typing code with me. And he is a super fans of World of Warcraft (WOW). As a result, I loved to play games. And also, I wanted to build a new game which could be popular by other game-players. Therefore, I wanted to made a new game which could be popular from other game-player and everybody would love it like WOW. Last semester, I applied Programming Tech and Intro to Program to learn Java and Python. However, I haven’t touched any program project yet. So I hope I can have a clear purpose in this course.

As you can know, I was a foundation student in RMIT. However, I could use my ATAR to come to RMIT because I attended my high school in Plympton International College In Adelaide. But I gave up my high school and came to RMIT to be a foundation student. Firstly, I knew my dream and final choice University is RMIT because RMIT has strong teaching resource and a good learning atmosphere. And RMIT has a bachelor which is called Gaming and Graphic Programming which my favourite bachelor. I believe I can achieve my goals in RMIT.

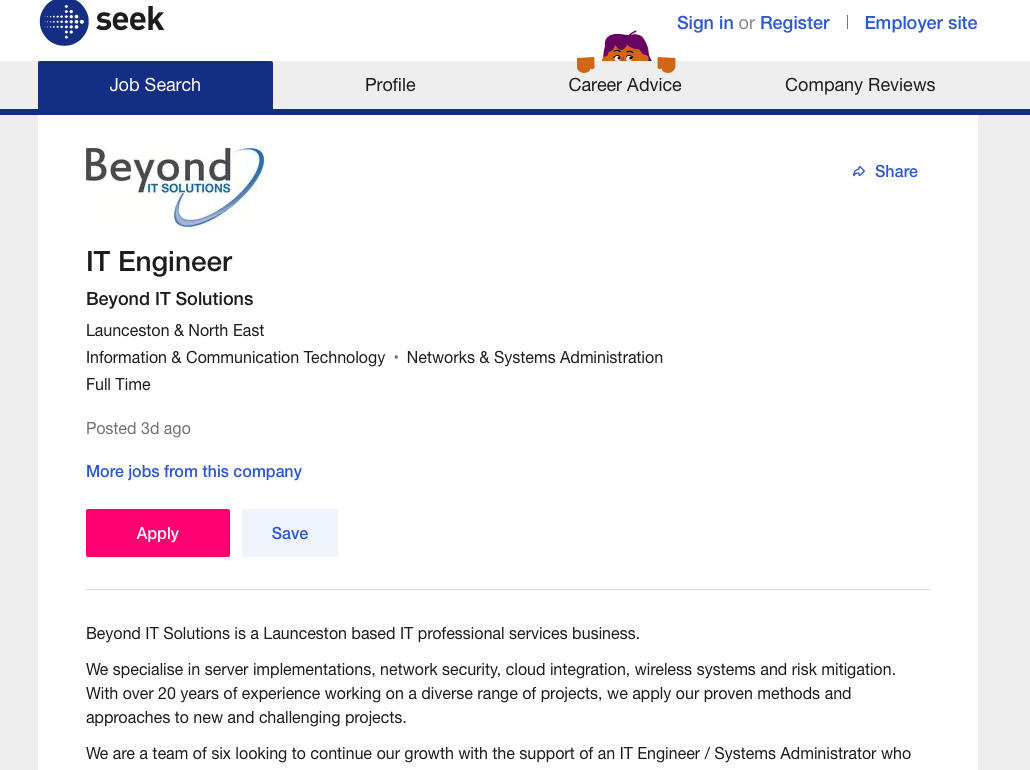
Firstly, I expect I can learn some Technology skills. For example, if I want to create a new game, I should learn about how I can make a game and what kind of skills can help me to do it. Secondly, I expect I can find out my direction. For example, I want to make a new game, but the question is which kind of game do I want to make, FPS or MMO? In consequence, I hope I can learn some knowledge to solve my questions through this wonderful University studies. Thirdly, obviously, I need to find out some my favourite jobs through my Bachelor's degree.

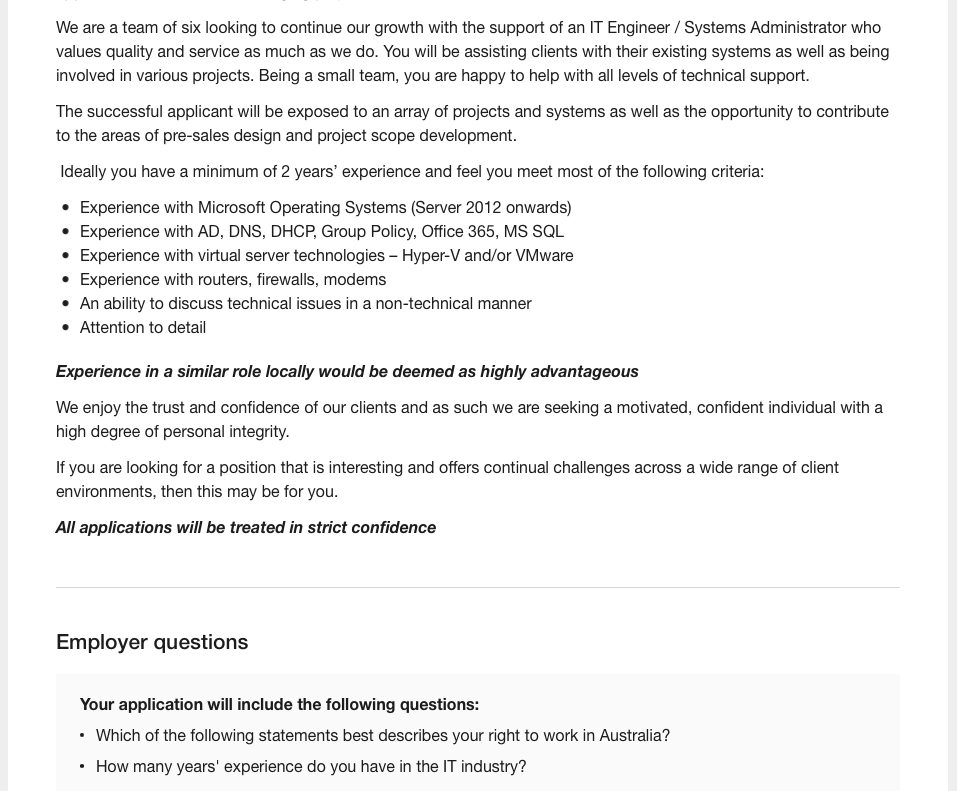
**Idea Job**

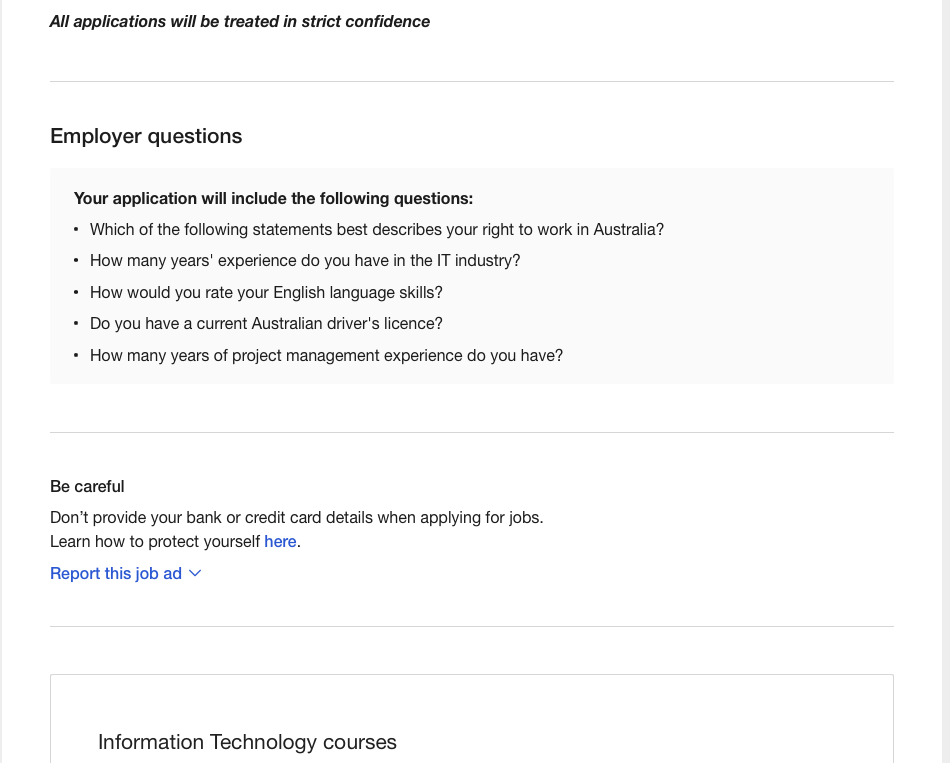
The link of IT Engineer from Seek:

**<https://www.seek.com.au/job/53447407?type=standout#searchRequestToken=8d77f7fc-4a71-4932-927f-ff9fd246778a>**

The screen-shot of job:





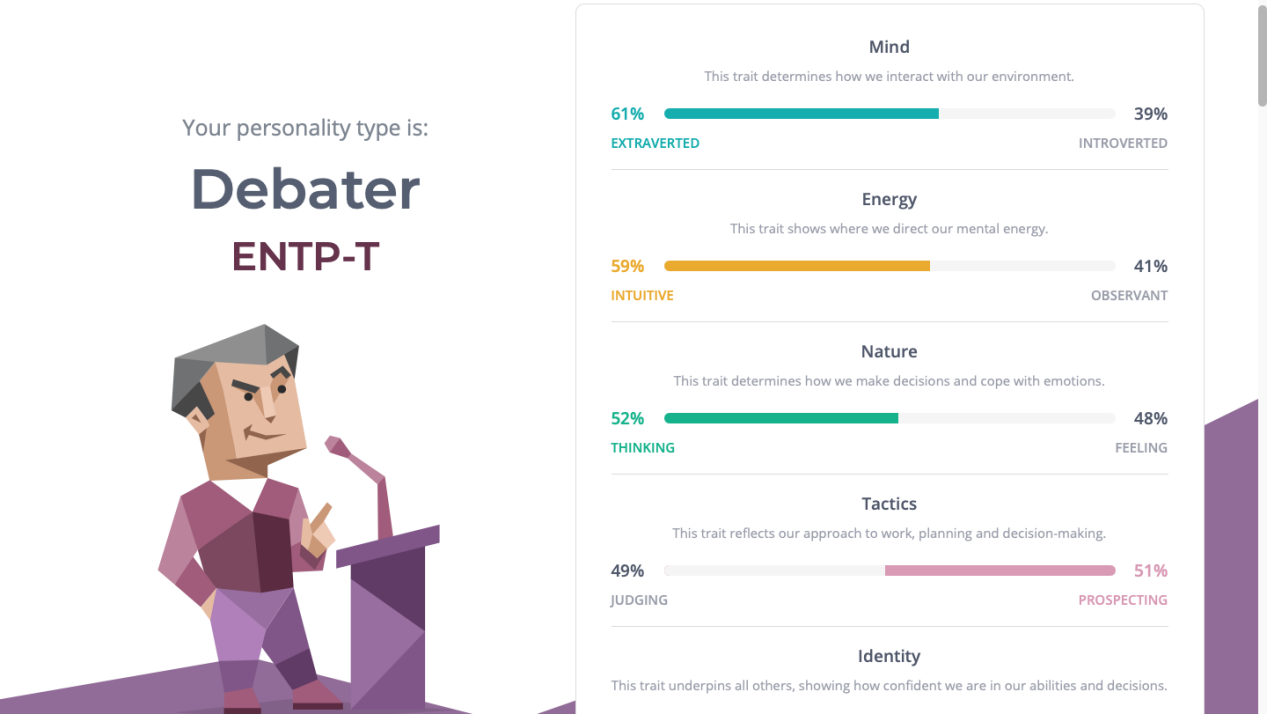


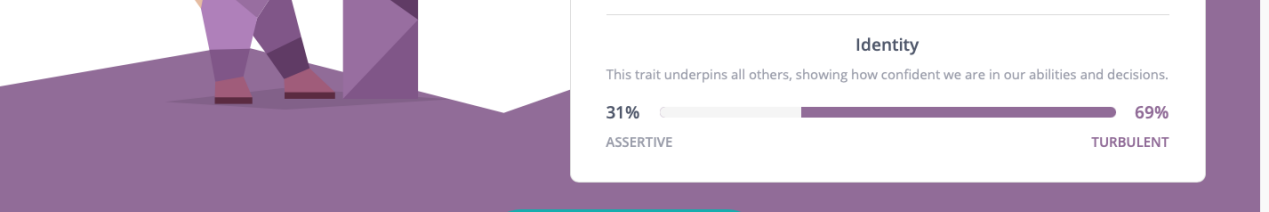
The job is found by seek one of Job Recruitment Webs. This job is one of my favourite career categories which is IT Engineer. IT Engineer is a boring but funny job. I know it is a contradiction. This job often repeats the same movements and can get boring. However, if you love to type code or love to make software, you will enjoy this job. When you do something you are interested in it, you will focus on it and feel happy and funny. Therefore, as what I said, IT Engineer is a boring but funny job.

This job requires employees should have minimum 2 years’ working experience, also it requires employees should have experience with Microsoft Operating Systems. As well as, it requires employees need to have experience with AD, DNS, DHCP, Group Policy, Office 365, MS SQL and the employees should have Virtual Server Technologies like Hyper-V and VMware. If you can solve some problems such as routers, firewalls, moderns. Also, the employers ask for the employees should focus on detail and be patient.

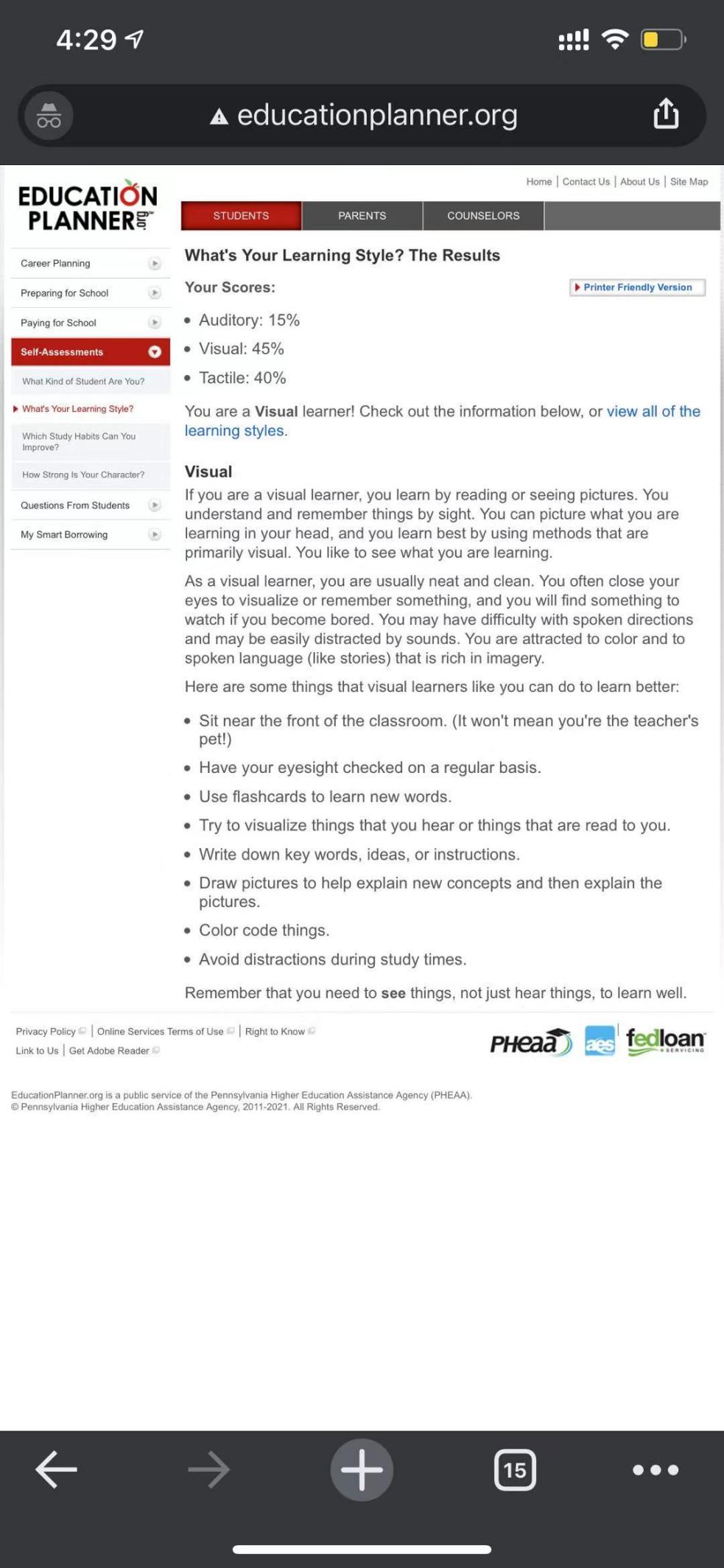
This job is very difficult and high level for me. Because I know I haven't mastered the software and the skills yet. For example, I have no idea to use AD, DNS, DHCP and so on. However, I still fulfilled some of the requirements. For example, I can use 365 to record some documents, and I can also make some forms. Although, I have 2 years’ working experience, I don’t think it is suitable to this job. As a result, I should need to have more experience to get the job. Then, I still learn some tools and skills during my studies in RMIT, such as AD, DNS, DHCP and so on. Of course, I need to have enough knowledge because people’s brains are never fulled.

**Personal Profile**

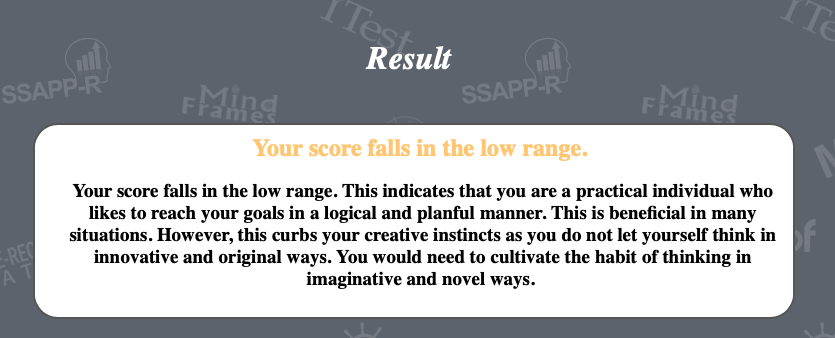




In this test, I have a slightly more extroverted personality. I rely on intuition more than observation. However, when I meet something difficult or trouble, I would use thinking more than feeling. And I love to research something. If I meet something I am interested in it or I want to figure it out, I will do plenty of research until I make sense with it. I am not a assertive person, actually, I would think a lot of things when I start doing something. Well, technically, I am a turbulent person. For me, I think I can give my team much energy and passion to my teammate



According this test, it showed I am a Visual learner that means most of knowledge of me was gotten from visual. In this test, I have a strong sense of who I am. Actually, I don’t have any study methods when I studied in High School. Therefore, when you have a lot of works to finish, you will feel confuses because you don’t know which one is going first.. However, this test reminds me it is time to make a study methods for myself.



According to this test, I understand myself more clearly. The results of this test are actually very similar to my own. In my opinion, it is a advantage for me, it can help me keep calm when I meet some troubles or difficulty. A rational person is necessary in a team, because it makes the team's goals very clear.

The test can’t present me exactly, however, it can give you a sense of who I am. Actually, I don’t understand who I am in sometime, for example, sometimes, I would be mad when I am doing something wrong. Through this test, I can realize myself more clearly. For me, I think it is a chance to make me understand myself and improve myself.

**Project Idea**

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This game is an Open-world, RPG game. One of most famous games of this type is Monster Hunter. The game will proceed according to the story, every screen is carefully designed, the visual sense and the game core game-play is the core of the game pursuit. The Core game-play in this game is Online, Open-world, RPG game. The background story of this game is talking about GongKu. It still includes Western fairy tales.

**Motivation:**

When I was a kid, I wanted to create a game which is belong to me. As well as, I wanted to this game can be popular and unique. I love to play computer games, so I played a lot of games and made friends with people who love to play games. Plenty of game-players love to playing RPG games such as Dark soul and Sekiro. And Open-world is a very popular game type. Therefore, I want to make a game that includes Open-world and RPG those two modes. Why did I choose GongKu to be main character? I believe all of children in China whose hero is GongKu. So I chose GongKu to be the game’s main character and I hope game-players could love him.

**Description:**

The Background of the story is that in the process of learning lessons, GongKu accidentally crossed into a completely strange new world, which was full of demons and ghosts. GongKu needed to find his way home, but he did not expect to fall into a huge ∂conspiracy. Although GongKu is a main character in this game, you can choose other character if you want to. For example, you choose BaJie and SanZang, etc.. Different character have their own special ability. The game has some features, such as RPG and Open-world. Firstly, RPG is one of the features in this game. RPG are game modes in which characters grow stronger and stronger based on the equipment they drop as they kill different bosses. Therefore, when playing this game, players can experience the pleasure of equipment matching and skill matching. Secondly, Open-World is one of the most popular game-type in the world. For example, Some of the most popular games on the market are the Legend of Zelda, Minecraft, etc., which are all open world games. Open world, as the name suggests, is a free and open world, the player can explore the world freely, but it also means that there is a lot of danger in this world, there are also many stories. Thirdly, visuals are also a big feature of the game. Visual effect is also a major feature of this game, the use of unreal 4 engine to do the game, the biggest feature is a special good picture. The biggest feature of the game is the ability to play online. That is to say, there are other people in the world as well, so there are both opportunities and dangers. Sometimes the danger is not only the NPC, but also the player.

**Tools and Technologies:**

Hardware: Develop this games, people should care about their computer. Firstly, people have a better CPU such as I7 or I9 with Gen 7 or higher. Then, if people want to develop a game has nice visual, they should have a nice graphic card. A good graphic card can present the picture more clearly and nicely. Then you should have a high capacity hard disk and memory because when you are doing your project, you need to save plenty of data of games or system.

Software: Java is basic program in this games. Then, This game should be created by Unreal Engine 4, and And master a variety of rendering techniques, building server technology。

**Skills requires:**