**Industry data:**

Question 1:

The ideal job title of our group should be solutions architect, java developer, web developer and software developer.

Solutions architect

From the demand ranking list given, we notice that the demand of solutions demand from employers is increasing largely from 5th position to the 1st and become the highest in this year (2018).

Java developer

This is a position which is also have a high demand from employers. In this years, it become 7th popular job positions. We believe the demand of this job will increase in the next year.

Web developer

Web developer is a stable job. It keeps a stable demand from employers. And it is in the middle position of the ranking list.

Software developer

Unluckily, it is a job which is decreasing demand from employers. In last year, it is the second highest demand job. But we could not find it in the top of the ranking list, it is going down to the 10th.

Question 2

2a.IT special skill:

For getting our ideal jobs, we need to get a set of IT special skills. They are SQL, JavaScript, Java, Git.

SQL:

We would notice that all of these skills have a high demand from the employers. Unquestionably, Sql have the highest demand. Because it is the information collection age. Database is the most important thing to store the data and sql as a language for query data from database. So that, is must own the highest demand.

JavaScript:

If database is the most important thing to store information, website must be the most important thing to show and collect information. JavaScripts as a language to catch the users’ input, it has enough reasons to get the second highest demand.

Java:

It is a popular language for programming and it is easy to study. So that it got a high demand of course.

Git:

Git is similar as a fork. But it is not for storing cargo, it stores the code. However, it could not get a high demand from employers.

2b.General skills:

We believe that we will master the communication skills，problem solving skills, and teamwork if we become a working group.

Communication skills:

Unquestionably, communication is the most important skill. We could use this skill to explain our idea, get the requirement of customers. It is easy to see how it meets the highest demand from employers.

Problem solving:

It is the second highest demand selections. Why employers employ a worker? It is an easy question to answer. They want to find someone to solve the problem for them. That is an explanation why problem solving is an important skill.

Teamwork:

This is the fifth highest demand job selection. It is the common sense, which is the team could do the work better than a single person. If we could have team work, it might be easier to get the job.

2c.

Graphic designer and .Net Developer are the IT special skills which are in the top 3 rank but not in our required skill set.

2d.

Organizing skill is the only one generic skill which is in the top3 rank but not in our required skill set.

Question 3:

In general, the individuals’ opinions of ideal job have not changed much.

From what we have analyzed, the ideal job has the high rank in the list. Even it is not all of the highest. But they are still the dream work we want to get. In addition, who knows the demand from employers?