

# Supervisors Feedback

**Name of supervisor and organisation:**

Yan Ke

China Jiliang University

**Name of Student/s:**

Pan Jiayao

Chen Jialing

Ye fuying

Liu Yibin

Thank you for acting as supervisor for this Research and Development Project. Now that the project is nearing completion we would like some feedback that will assist the team or students in their future development. It is important that we gain feedback about the aspects of the work that were done well and also suggestions for improvement. Please comment the team as a whole and where it is possible the individual students.

This feedback will be used by the assessors to complete a picture of the student's performance during the project, and by the students to reflect on their performance during the project and in assessing their future development needs.

## THE PROJECT

**Could you please comment on the results of the project? To what extent did the student/s achieve the agreed outcomes?**

I am very satisfied with the results of the project. Also, I am happy with every student's performance. At the beginning of the project, all of them were not good at programming and algorithms. So I was worried that they could not complete the agreed outcomes. However, after their continuous efforts, they not only completed the agreed outcomes including the implementation of image recognition function which was the biggest challenge, but also constantly modified and improved the project, adding many new features, such as life circle, recipe recommendation and so on.

**How well did they go about completing this work?**

Every student is doing very well. In the project, each student has his or her own role. Every time a meeting was held, all the team members are present and there is a lively discussion. Only when they can't get a final solution after discussion, will I participate in their discussion, give them ideas, and let them find their own solutions. Moreover, they take the initiative to develop a reading plan and continuously improve their professional level. Their enthusiasm is the most important reason why the project can progress smoothly.

**What suggestions do you have for improvement?**

The highlight of this project is the use of image recognition to obtain the calorie content of the food. However, for many people, calories are not what they care most about. For example, the elderly are more concerned about the sugar content of food. Therefore, I believe that the image recognition function should not only obtain the calories of food, but also identify other food information such as sugar content, protein and so on.

**How did the student/s contribute added value or provide professional expertise to your organisation?**

Students have added a lot of features to this product that are not available in other healthy eating apps, which has increased the competitiveness of the product and brought greater economic benefits to the organization. As they research algorithms, they improve the algorithms.

**In what ways did the student/s show initiative in learning about the wider aspects of IT professional practice?**

I have never asked how much time they have to spend in reading about related technologies. But every meeting, everyone would publish their findings from books, websites, articles, etc. and have a active discuss. Moreover, no one complaint that their assigned tasks were too heavy. On the contrary, they all wanted to take on heavier and more important tasks. They hope to continually improve their abilities in practice.

**PEOPLE SKILLS**

**In what ways did the student resolve conflicts and manage and deliver to the sponsor's expectations?**

Students in this group rarely have unnecessary conflicts. When some students disagree and feel emotionally excited, other students will try to ease the atmosphere and calm their emotions, which avoids conflicts.

Before starting to do the project, they will actively communicate with the sponsor to determine their requirements and preferences, which can ensure that the system being built is correct before putting too much time and resource into develop activities. In the process of doing the project, they will also communicate with the sponsor on a regular basis and modify the program according to sponsor's suggestions .

## **OVERALL SKILLS**

### **How did the students' skills and abilities develop during the project?**

In the period of this project, they not only improved their teamwork skills, but also learned a lot of computer knowledge. In teamwork, they exercised the ability to work in a collaborative team and learned a lot of team communication skills. When they realized the project function, they first came into contact with deep learning, learned CNN algorithm and mastered many Android development technologies. I think that through this project each student has improved his ability in all aspects.

### **What advice would you offer this team or each of these students for their professional development?**

Through this project, everyone in the group has improved their professional skills. However, there still exists deficiency in programming skills. I hope that in the future study life, they should not only pay attention to the accumulation of theoretical knowledge, but also improve their practical ability by doing more projects.

Signed: Yan Ke

Date: 2019.5.1

Thank you for taking the time to complete this feedback form