

Appendix A TEAM OR INDIVIDUAL STUDENT - CLIENT FEEDBACK

Name of Client and organisation:

Le Thi Tuong Van- Department of traditional medicine- Pham Ngoc Thach Medical University

Name of Student/s:

Nguyen Cao Nhan - 21142377

Ho Ngoc Thao Trang - 21142358

Le Tran Ba Tan - 21142355

Pham Dinh Chuong - 21142643

Thank you for acting as client for this Research & 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 get feedback about the aspects of the work that were done well and 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.

Please email the completed feedback to the project supervisor.

THE PROJECT

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

The main result of the project is a web-based application allowing the end-user to study the fundamentals of the acupuncture point and meridian system. This webpage applied 3D visualization techniques to display and interact with a body acupuncture point and meridian model. The final product is easy to use, its UI is simple but harmonious, interactions with users are quick.

Based on the requirements from end-users, all outcomes of the project were satisfied, including 362 acupuncture points and 14 meridians of a body model were shown and interacted with, normal and advanced search, learning progress management, and data administration.

The product has a beautiful 3D model, with high applicability, which can be used for teaching or searching. It has questions that test knowledge very well.

The UI has both English and Vietnamese, which helps the students to learn specialized additional vocabulary in English. Moreover, it can also be marketed towards international users.

How well did they go about completing this work?

Excellent.

Students had to overcome an issue related to the client of their project. They had an original client at the beginning who could not continue to play his role just 2 months after kick-off due to personal problem. The group managed to actively find a replacement for the client role for the later parts of their project.

It took a lot of time for them to take the requirements to develop their project's main functions and features. However, they handled the time very well and showed impressive capabilities to work out a concrete plan to complete the project.

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This webpage applied 3D visualization techniques to display and interact with a body acupuncture point and meridian model. The final product is easy to use, its UI is simple but harmonious, interactions with users are quick.

What suggestions do you have for improvement?

1. The acupuncture points are big, which is not very aesthetically pleasing
2. When focusing on one meridian, it should only show that meridian whilst zooming out (to study each meridian individually)
3. You can add anatomical pictures for each acupuncture points (images that link acupuncture point to muscles, bones, nerves, blood vessels underneath)
4. You can add acupuncture points combinations to make the content richer.

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

There are 3 main advantages:

1. It's intuitive, lively, realistic, and has a higher level of practicality than typical theory.
2. It's more convenient, as you can learn everywhere instead of requiring books.
3. It has a quiz feature and personalized data that is very useful to keep track of learning progress.

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

The students spent a lot of time and efforts to research for knowledge from reading papers and exploiting existing work in the field of Acupuncture

The group managed to resolve their project's issues by actively asking and brainstorming solutions with each other, supervisor, clients and ITEC staff. Their problem-solving skills and effective collaborative skills help the team achieve their project outcomes.

PEOPLE SKILLS

In what ways did the student/s adapt to the situation and develop and maintain professional working relationships appropriate to your organisation?

The students are very proactive in the way they contact and ask for feedback through emails and through the Zalo group chat. The time slots that they arranged for meetings are completely suitable with my spare time slots, this makes me very comfortable with them since I can see that they prioritized me.

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

They approached me via email telling me their ideas about what they want to do and what the program will do. After that, they conducted research about my needs as a lecturer and how I would use it, and I also told them what can be done on an educational program about acupuncture. They listened and noted down my opinions as well as Traditional Medical students' opinions to create the product.

OVERALL SKILLS

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

They had lots of different types of trouble during the project. Therefore, problem-solving skills are developed significantly.

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Changing requirements in software development helped them to improve an ability of user discovery and requirement collection and management.

3D interaction on the webpage helped them to study carefully and choose an appropriate technique to meet the speed and storage of the system.

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

Web programming techniques need to be improved, especially 3D visualization.

Signed:

Date: May 18, 2023

Tvan

Thank you for taking the time to complete this feedback form.