

International School

**Capstone Project 2**

CMU-SE 451

**Reflection**

Version 1.0

Date: 13 May 2022

**SENIOR PROJECT MANAGEMENT SYSTEM**

**FOR INTERNATIONAL SCHOOL**

**Submitted by**

Tien, Nguyen Van

Phuoc, Ha Duc

Huy, Truong Dong

Dat, Nguyen Thanh

**Approved by**

Chau, Truong Ngoc

**Proposal Review Panel Representative:**

Name Signature Date

**Capstone Project 2- Mentor:**

Name Signature Date

**PROJECT INFORMATION**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Project acronym** | Senior Project Management System for International School | | | | | |
| **Project Title** | SPMS | | | | | |
| **Start Date** | 18 Feb 2022 | | **End Date** | 15 May 2022 | | |
| **Lead Institution** | International School, Duy Tan University | | | | | |
| **Project Mentor** | Chau, Truong Ngoc | | | | | |
| **Scrum master / Project Leader & contact details** | Tien, Nguyen Van  Email: cnnguyenvantien@gmail.com  Tel: 0704.042.832  Student ID: 24211208536 | | | | | |
| **Partner Organization** |  | | | | | |
| **Project Web URL** |  | | | | | |
| **Team members** | **Name** | **Name** | | | **Name** | |
| 24211202634 | Phuoc, Ha Duc | dphuoc432000@gmail.com | | | 0961622464 |
| 24211206538 | Huy, Truong Dong | huydongtruong@gmail.com | | | 0358040650 |
| 24211206470 | Dat, Nguyen Thanh | ngthanhdat521@gmail.com | | | 0767836541 |

**REVISION HISTORY**

| **Version** | **Date** | **Comments** | **Author** | **Approval** |
| --- | --- | --- | --- | --- |
| v1.0 | 13/05/2022 | Initial Release | All Members | x |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Table of Contents

**1. What challenges did you face while completing this project? 6**

**2. What is the most important thing you learned in this project? 6**

**3. What needs to be improved to make the project teamwork best? 6**

**4. How could you/your mentor(s) change this project to make it better next time? 7**

**5. What do you expect after completing the project? 7**

**SIGNATURE**

**Document Approvals:** *The following signatures are required for approval of this document.*

|  |  |  |
| --- | --- | --- |
| Chau, Truong Ngoc  *Mentor* |  | Date: |
| Tien, Nguyen Van  *Scrum Master* |  | Date: |
| Phuoc, Ha Duc  *Product Owner* |  | Date: |
| Huy, Truong Dong  *Member* |  | Date: |
| Dat, Nguyen Thanh  *Member* |  | Date: |

1. **What challenges did you face while completing this project?**

* New technology. This is the team's first project using the ReactJS library, NodeJS Framework and SQL (PostgreSQL). Although this does not affect much, this is also a common difficulty of the group in completing the project.
* Lack of communication is also a barrier for my team
* Lack of practical experience. Estimation of workload is highly dependent on each individual's perception and experience
* Lack of professional knowledge.
* Difficulty finding resources. The right technology for the project.
* Programming skills are not good.

1. **What is the most important thing you learned in this project?**

* Process to produce a product.
* Communication between people and teamwork. Although we cannot meet to work together during the Covid pandemic. But we still try to work together through online meetings.
* Manage the progress of each stage and task. Estimation is very important to ensure that the work is completed on time.
* Work with the team to solve the project's requirements. Make requests optimal and simple.
* Improved access to new knowledge and new technologies.

1. **What needs to be improved to make the project teamwork best?**

* Improve teamwork in communication and working together.
* Exploit deep requests.
* Should make rules when working in groups.
* Have a clear goal.
* Members need to be responsible for the group's project.
* Clear schedule.
* Accept changes to the requirements to make the project more optimal.
* Improve programming skills.

1. **How could you/your mentor(s) change this project to make it better next time?**

* Complement the team's fever in the product finishing process.
* Indicate the problems encountered. Provide appropriate solutions and suggestions for optimal and better products.
* Help the team solve problems encountered during group work. Improve teamwork.

1. **What do you expect after completing the project?**

* Through this project, each member wants to improve their programming skills. Improve self-learning when encountering new things.
* Besides, the group wants to improve their communication skills, teamwork and work under pressure.
* All members have a deep understanding of the Scrum model and understand how to get work done on time.