

International School

**Capstone Project 1**

*CMU-SE 450*

**TEAM REFLECTRION**

*Version: 1.0*

*Date: 11/12/2021*

**School Connect Application**

**Submitted by:**

Nguyen Thanh Phu

Nguyen Trung Hieu

Dang Nguyen Bao Hoai

**Approved by**

Nguyen Minh Nhat

**Team Reflection Review Panel Representative:**

Name Signature Date

**Capstone Project 1- Mentor:**

Name Signature Date

# Project Information

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project acronym** | SConA | | | |
| **Project Title** | School Connect Application | | | |
| **Start Date** | 22-Aug-2021 | **End Date** | | 18-Dec-2021 |
| **Lead Institution** | International School, Duy Tan University | | | |
| **Project Mentor & contact details** | Name: Nguyen Minh Nhat  Email: nhatnm2010@gmail.com  Tel: +84 905 125 143 | | | |
| **Scrum Master & contact details** | Name: Nguyen Thanh Phu  Email: [thangphu104@gmai.com](mailto:thangphu104@gmai.com)  Tel: +84 772 492 301 | | | |
| **Team members** | **Name** | **Email** | **Tel** | |
| Nguyen Trung Hieu | hnguyentrung20@gmail.com | +84 975 299 149 | |
| Dang Nguyen Bao Hoai | dangbhoai@gmail.com | +84 773 305 395 | |

|  |  |  |  |
| --- | --- | --- | --- |
| **DOCUMENT INFORMATION** | | | |
| **Document Title** | Database Design | | |
| **Author(s)** | Team C1SE.44 | | |
| **Role** | C1SE.44-Team Reflection-SConA-v1.0 | | |
| **Date** | 11-Dec-2021 | **Filename** | C1SE.44-Team Reflection-SConA-v1.0 |
| **URL** | **https://github.com/PhuNguyenThang/Capstone1** | | |
| **Access** | Project and CMU Program | | |

**DOCUMENT APPROVALS**

The following signatures are required for approval of this document.

|  |  |  |
| --- | --- | --- |
| Nguyen Minh Nhat  *Mentor* | Signature | Date |
| Nguyen Thanh Phu  *Scrum Master* | Signature | Date |
| Nguyen Trung Hieu  *Product owner* | Signature | Date |
| Dang Nguyen Bao Hoai  *Product owner* | Signature | Date |

REVISION HISTORY

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Comments** | **Author** | **Approval** |
| 1.0 | 11-Dec-2021 | Team Reflection design document | Team |  |

# TABLE OF CONTENTS

PROJECT INFORMATION 2

[REVISION HISTORY 3](#_TOC_250003)

1. [INTRODUCTION 5](#_TOC_250001)
2. [REFLECTION 5](#_TOC_250000)

# INTRODUCTION

In this document, every team member will write a reﬂection about them self that including:

* + What I have done
  + What I have learned
  + Experiences
  + Pros & Cons
  + Improvement
  + Plan in the future

# REFLECTION

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Reﬂection** |
| Nguyen Thanh Phu | Scrum master | Working on the project as both a scrum master and a backend developer, I guided the members of the system design team, participated in spring boot training. Access to and training in new data technologies not only helps me improve my thinking ability and knowledge but also improves my ability to read and understand English.  More speciﬁcally, as a scrum master, besides building the project process and designing the work to be done according to the scrum model, as well as breaking down the project implementation steps, I am also the person involved. Communicate directly between mentors and team members to communicate ideas and suggested solutions to the project.  As a backend developer, I do all the creation of database, building an express server to provide the system API, and setting up the server on the virtual machine. Building a server by myself has helped me improve my programming thinking ability to a new level, as well as understand how the backend behind a system works.  However, due to some objective reasons from my family and personal aﬀairs, I cannot spend all time the project. In addition, I still cannot come up complete some function and speed improvement runtime as the original project goal because of the time limitation. I plan to try to ﬁnd solutions to these problems in the near future to help the project achieve its original goal, as well as improve the technical knowledge for myself. |

|  |  |  |
| --- | --- | --- |
| Nguyen Trung Hieu | Product owner | After finishing the first step of our semi-final project for graduation, I have learned a lot of skills including soft skills and hard skills. Unfortunately, someone has exited the project, it's not a good sign.  I have learned how to organize a team, how to arrange my schedules to fit with the team, how to communicate, how to resolve conflicts between team members.  I have learned a lot of new technologies in the front end. Making a pure JavaScript Stack for every codebase is fun and crazy but I love it. I also know how to build an app interface friendly for any user and any platform. I have learned about using VueX in Vue which is a new modern way to state management and applied them to our application. I also have learned about deploying a website, I hosted a website in  Heroku so everyone can preview test the product. The big point is I have learned about Vue, VueX, TailWind CSS which gives me a tool for improve my productivity so much better.  After 4 sprints of hard-working, we have done a long way with our project. However, I am not satisfied with our achievement at this moment, because this project is not as simple as I thought. There are still many things that we need to deal with in the future. I will do my best to make my team become stronger and finish our project soon as possible |
| Dang Nguyen Bao Hoai | Product owner | Coming to the Capstone 1 project, I can no longer work with me  friends during my 4 years of university but have to work with  unfamiliar members with each individual being a different personality  and person. Here, I have a bit of difficulty getting to know,  communicate and work together in this Capstone 1 project. But  through the people who accompanied me in this Capstone 1 time, I  learned a lot of knowledge and techniques in project implementation,  such as how to communicate, how to cooperate and collaborate with  people from all over the world. different knowledge bases, how to  present project results. Those knowledge and information mean a lot  to me because they not only help my study process, communicate with  people but also help me in my future work.  For myself before, I only had access to basic programming knowledge  such as C, C++, Java... But coming to this Capstone 1 project, I had  to self-study the knowledge completely. new but not learned in school  like HTML, CSS, JavaScript and newer VueJs framework. Not only  that, I also learned how to operate a dynamic website, not like the  static websites that I did before.  Working with Scrum processes, I have the opportunity to thoroughly  practice organizing the Scrum process and working in well-planned  steps.  Get to work with new people and learn new things about them. During  my work, I encountered many difficulties when approaching new technology. But, I am supported by my team members when I have  difficulties at work and are always ready to guide me to do better.  Learn new things about team members: coding skills, new  technologies from them, behavioral skills, communication with  members and doing work scientifically and more importantly get new  relationships Improve your English skills by editing documents in English, searching in English. |