DUY TÂN UNIVERSITY

International School

CAPSTONE PROJECT 1
CMU-SE-450 / CMU-IS-450 / CMU-CS-450

TEAM REFLECTION DOCUMENT

Version 1.0

Date: 13 - Dec - 2020

SMART DASHBOARD APPLICATION

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Name	Signature	Date
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PROJECT INFORMATION		
Project Acronym	SDA	
Project Title	Smart Dashboard Application	
Project Web URL	https://sda-research.ml/	
Start Date	12 - Aug - 2020	
End Date:	15 - Dec - 2020	
Lead Institution	International School, Duy Tan University	
Project Mentor	PhD Binh, Nguyen Thanh; MSc Huy, Truong Dinh	
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DOCUMENT INFORMATION		
Document Title	Team Reflection	
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REVISION HISTORY

Version	Person(s)	Date	Description	Approval
Draft	Hoa, Vo	12 - Aug - 2020	Initiate document	x
1.0	All members	13 - Dec - 2020	Finish content of document	x

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1. INTRODUCTION

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

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

2. REFLECTION

Name	Role	Reflection
Hoa Vo	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 rdf data cube and data warehouse 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 rdf data blocks, 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 organize some annual offline meetings, instead are online meetings. In addition, I still cannot come up with a machine learning solution for automatically linking blocks of data 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 technology knowledge for myself.
Tin Pham	Team member	After finishing the first step of our final project for graduation, I have learned a lot of skill including soft skill and hard skill. We received a very interesting topic from our mentor. 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 and how to deal with our mentor. Also, I have learned a lot of new technologies in the frontend. Making a pure Javascript Stack for every codebase is fun and I love it. I also know how to build a dashboard for visualization data. I have learned about using Redux in React 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 Firebase and added a custom domain for free. The big point is I have learned about React Redux, which gives me a new vision of modern software development. Hoa Vo helped us a lot while we were in the learning phase. 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 try to do my best to make my team become the strongest team & finish our project before our graduation.
Dong Ky	Team member	In the project, I do not only work individually, but also have face-to-face meetings to interact and communicate the ideas and progress of the project. I also learn many expertise and technology in the implementation of the project, such as how to cooperate and collaborate with persons who have different knowledge backgrounds, how to present the result of the project. How to realize the design of the application, and so on. Those knowledge and information are significant for me, since they are useful and helpful in my following learning and working. With interesting research topics I learnt more about the new technologies, new concepts, and know more about works behind the scene of many large operations. Working with scrum processes we have the chance to practice in scum how to organize and follow the steps are planned. Working with new people learns new things about partners. Asking for help when something is on the road, and always ready for help to others. Learning new things about team members : coding skills, and new technologies from them. Improving english skills by writing documents in english, searching in english.

Kieu Tran	Team member, Secretary	After completing the project, I improved a lot of soft skills as well as hard skills that I have the benefit of repairing for my future career. Through this interesting topic I learned more about advanced html / css, javascript, react and new technologies, and how to test for errors . Thereby, coordinating with the members to create a complete website. It's hard skills, soft skills, I learn more about how to work with my team, improve English documentation, how to organize my schedule to suit my needs and it's important. more, how to follow the Scrum process. Finally, I learned a good presentation and received feedback from the teachers.