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**FPT UNIVERSITY**

**CAPSTONE PROJECT DOCUMENT**

**UJD\_VN**

Report #1 – Project Introduction

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| **Useful Japanese Dictionary for Vietnamese** | |
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| **Project Code** | **UJD\_VN** |

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# INTRODUCTION

## Purpose

This document is created as the introduction for project Useful Japanese Dictionary for Vietnamese – our Capstone Project at FPT University. In this document, we will descript the overview of some existing systems, the initial idea for our project, a brief description about our expected system and some potential risks, critical assumptions, constrains. Moreover, this document also shows opportunities what it offers for users.

## Acronyms and Definitions

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| Acronym & Abbreviation | Definition |
| UJD\_VN | Useful Japanese Dictionary for Vietnamese |
| FU | FPT University |
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Table 1-1: Definitions and Acronyms

# ABSTRACT

In VietNam, Information Technology are strongly growing and Japan is the largest market. Demand laborers who know Japanese is increasing. Thus the Japanese training center was opened very much. But not everyone can enough the time for learn at Japanese training center. So a website that can help people learn Japanese was designed. And by website, people can learn online at their house with lower cost. Although the website learn Japanese has lots of but by survey of some people who used website, they see some website have too much Kanji, other website have too few examples for the using of the new word, the more some very little to the exercise and assessment for learning. It make people who new learn and learning short time feel depressed. Catching their needs, the website is expected to overcome some of the drawbacks and add some other features that benefit users. A website with reasonable design and fit features will be created. Users will be benefited from this website.

# LITERATURE REVIEW

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# PROPOSAL

## The idea

Nowadays, there are many dictionaries which support Japanese. That can be a website or mobile application. All of them have been created for the purpose of helping users search vocabulary or studying Japanese more easily. But we found some disadvantages which existing in website which support users studying Japanese. So, our project – UJD\_VN will include some main functions of existing dictionary website and add some special features such as showing examples by Vietnamese, supporting searching specialized vocabulary or users can contribute idea, good knowledge to make our database become larger. Moreover, we will provide freely website to users. Here, we toward provide website for Vietnamese who want to studying Japanese communication or who want to join Japanese certification exams.

## Objectives

This project is the Capstone Project in FPT University studying program. The first, this project is responsibility for all team member. So we must complete all requirements from teacher and FU. During the time doing project, we can learn how to develop a project, how to manage project, how to communicate better between team member, how to control time, how to perform teamwork effectively. Moreover, we also have experience about PHP, website design, test website… Therefore, we think this project is very necessary for us to improve skills, knowledge which we studied in FU. This project also make our CV more beautiful after graduating from FU. This is also an opportunity for us to prove capacity with recruiters.

The second, because we are in JS course. In studying’s progress, we realize some disadvantages of studying Japanese for Vietnamese. So we want to help users, especially Vietnamese users, to improve capacity Japanese of them, help them can communicate better with Japanese. The highlights of us are interface friendly, useful functions. Specially, website display completely in Vietnamese, so users can use functions easily, even though they do not know English.

## Brief description about system

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## System features

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# BENEFIT FROM PROJECT

## For our group

After developing and implementing this project, our group will get some benefits:

● We have more experiences of managing a software project: how to manage plan, time, member and risk.

● Have more knowledge and skill about PHP programming

● Know how to communicate with team members and how to teamwork more effective

● Have more knowledge in Japan and improve Japanese proficiency

● If this application is developed, we will get a good mark in Capstone Project. It makes our grade better.

## For Community

Just need to have a device that connect to the internet and any web browser, user can:

● Easy search for vocabulary, specialized vocabulary, kanji

● Practice the skills: listening, reading, writing, speaking Japanese

● Review the grammar, vocabulary, kanji

● Do exam test N5, N4, N3, N2 and check point

● Users do not need to pay money for using. It is completely free for all users.

# CRITICAL ASSUMPTION AND CONSTRAINTS

We realize some critical assumption after analyzing this project. The first, that is about our team. We assumed that all developer can train PHP in a short time. Before starting this project, nobody in our team have knowledge about PHP, but with programming techniques which we studied at FU, we have to try the best to not missing any deadline in project plan. Besides that, we also assumed that all member in team have a good healthy to do their tasks.

We also have some constraints in progress. The first, about the time and deadline, we must complete task on time. We do not have more time for us to complete developing and deliver application to teachers. Besides, we have to submit report documents before deadline to teacher can review. The second, that is about the quality. Our website must be run well when users perform main functions in Google Chrome, Firefox, Internet Explorer. Finally, we have problem about techniques. We is not in the high level in PHP. So, with the expected functions which we gave, we will try the best to complete our project successfully.

# POTENTIAL RISKS

After studying about this project, we find out some problem that we may be encountered:

● It is the first time we manage a project like this , we have no experience in exchange information, managing and controlling work so we may be miss the deadline or out of scope

● We have not much knowledge in the framework and technique of PHP and web. Therefore, we have to study all of them from the beginning. This work takes a lot of times. The project team may face with the difficult technical problems that may requires long time to resolve so that causes the project be delayed.

● Knowledge of Japanese is extremely large, we have difficulty in providing sufficient information that users need to understand

● With the short duration - about 15 weeks - we cannot success to all functions and miss the deadline.

● In addition, we also have difficulty in using some tools such as Microsoft Project, Sublime Text, My SQL, Source code managing… Therefore, our work management may be not good.

● Sometime, because of careless, team members can lose data, source code… before uploading to server

# REFERENCES

[1] ?

[2] ?