1. Report No. 1 Introduction1. Project Information- Project name: Student’s train process management - Project Code: STPM- Product Type: Web Application- Start Date: 07/09/2017- End Date: 08/12/20172. Introduction

In this document, we introduce a solution for FPT University. FPT University’s Academic Affairs Office (AAO) has to face with some problems in student’s train process like delayed in analysis the result of student following specific stages or inconvenient in checking current states of each student to make a report. Based on our researches and analysis, we proposed a solution for FPT University.

We build a web application that helps FPT University’s AAO to solve these current problems. Our system supports train functional as input the learning outcome from excel files (Student’s marks, list of students) so that we can base on student’s marks to export necessary information about student’s train process. Beside of that students can log in to this website to check their marks and their remaining courses in their training process.

This document also describes our working process in 3 months includes our perspective in the system, component designs and detailed core workflows. We hope the system and our solution will help resolve the problems from FPT University.

3. Current Situation

FPT University’s AAO staffs are using excel files to manage student’s marks and schedule. With “uniap.fpt.edu.vn” before and now is “fap.fpt.edu.vn” they can import student’s marks to system from a template. Base on student’s marks from system, they can make report about the current states of students and analysis the result of student in some specific stages.

4. Problem Definition

Below are disadvantages of current situation:

* Take too much time: AAO’s staffs have to work with excel files to manage student’s marks so It takes a lot of time to handle all of these documents.
* Wrong Credits count: “uniap.fpt.edu.vn” shows wrong number of credits that student has in their training process so it caused some big problems for staffs on making decisions for the next semesters.
* Cannot export necessary information: current web application cannot export necessary information like export all student’s marks from their whole study process, list of students that have to pay fee for the next semester, v.v.

5. Proposed Solution

Our proposed solution is to build a web application to resolve the current situations.

5.1 Feature functions

* Web application:
* Import excel files: Staffs can import student’s data from an excel template to system.
* Export information: Staffs can export necessary information as documents from the website for reporting.
* Check student’s information: Students can check their marks from website. It includes subject’s marks, average mark and their credits. Beside of that they can check their remaining course or subject in their program curriculum.

5.2 Advantages and disadvantages

* Advantages:
* With our web application, AAO’s staffs can save a lot of time from managing student’s train process.
* Students can have an overview of their training process.
* Disadvantages:

6. Functional Requirement

Functional requirement of the system are listed as below:

* Staff component:
* Import excel files to system.
* Export necessary information for reporting.
* Student component:
* View marks.
* View remaining course.
* View whole program curriculum.
* View subject’s status.

7. Role and Responsibility

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| --- | --- | --- | --- | --- |
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