**MINISTRY OF**

**EDUCATION AND TRAINING**

**FPT UNIVERSITY**

Capstone Project Document

**Corporate Training System**

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| **Capstone Project code** | CTS |

-Ho Chi Minh City, ***8th January, 2018***-

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Table of Contents

[List of Tables 4](#_Toc503870831)

[Definitions, Acronyms, and Abbreviations 5](#_Toc503870832)

[A. Report No. 1 Introduction 6](#_Toc503870833)

[1. Project Information 6](#_Toc503870834)

[2. Introduction 6](#_Toc503870835)

[3. Current Situation 6](#_Toc503870836)

[4. Problem Definition 6](#_Toc503870837)

[5. Proposed Solution 7](#_Toc503870838)

[**5.1** **Feature functions** 7](#_Toc503870839)

[**5.2 Advantages and Disadvantages** 7](#_Toc503870840)

[6. Functional Requirements 7](#_Toc503870841)

[7. Role and Responsibility 8](#_Toc503870842)

[Table 1: Roles and Responsibilities 8](#_Toc503870843)

# List of Tables

[Table 1: Roles and Responsibilities 3](#_Toc503821269)

# Definitions, Acronyms, and Abbreviations

|  |  |
| --- | --- |
| **Name** | **Definition** |
| CTS | Corporate Training System |

# A. Report No. 1 Introduction

## 1. Project Information

* Project name: **Corporate Training System**
* Project Code: **CTS**
* Product Type: **Website application**
* Start Date: **8th January, 2018**
* End Date: **April, 2018**

## 2. Introduction

In this document, we will introduce a solution for Corporates to train their employees more effectively. Nowadays, many companies are having problem to find a system that can provide them an environment to train new staffs easier.

Based on ours researches and analysis, we proposed a solution for this problem. We build a system, which allows any corporate to post its training program on our website. Through our system, staffs can access to training anywhere and anytime, making learning and training more effective.

Besides, this document also shows our working process and our perspective in the system, designs, architecture and workflow.

## 3. Current Situation

In recent years, e-learning or studying online is becoming more and more widely used. Corporations with an online training system find out their employees are training faster and better than those who do not have access to online learning. However, it seems not easy for each company to build their own training system.

Whenever a Corporate want to develop a system to train their employees, they usually hire a software company to build a system that suitable for their needs with a cheap price. Nevertheless, it’s hard to seek a software company to acquire the two requirements above.

## 4. Problem Definition

From above current situation, we have these disadvantages:

* No platform for any Corporate to train its employees online
* Learner cannot communicate in real time with author to understanding content of that course if they get trouble in learning.
* Learner have to wait for their manager to accept the request before they can begin to learn a course.
* When an author creates a course, they do not need to receive a permission from manager or administrator. Therefore, that course will have a bad influence on learners.
* An author maybe wonders what plan or program that their courses belongs to.

## 5. Proposed Solution

Our proposed solution is to build a system named Corporate Training System (CTS) who has troubles with finding a place to train their employees online.

Corporate Training System is a web application with following functions:

### **Feature functions**

* Manage plan, programs, skills and courses.
* Manage users.
* Manage corporate brand and information.
* Participate to a plan or program.
* Enroll in a course.
* Learn a lecture.
* Take quiz and view quiz result.
* Make statistic report.
* View learners’ report on learning activities
* Manage personal information
* Manage discussion.

### **5.2 Advantages and Disadvantages**

* Advantages:
  + - * + Necessary for all corporate
        + New idea
        + Easy to use application
        + Friendly interface
* Disadvantages:
  + - * + Finding a suitable price for customer.
        + The cost in web application maintenance is high
        + Users’ demand change

## 6. Functional Requirements

Function requirements of the system are listed as below:

* Learner component:
  + View program
  + View study plan
  + Search study course
  + View study course
  + Enroll course
  + Manage profile
  + Manage discussion
  + View learning activity
  + Sign in, Sign out
* Author component:
  + View learner statistic
  + Manage course
* Manager component:
  + Manage training plan
  + Manage user
  + Manage program
  + Manage skill
  + View learners’ report
  + Add learner to program/plan
  + Remove learner from program/plan
* Admin component:
  + Manage corporate’s information and brand
  + Change user’s role
  + Ban user from study

## 7. Role and Responsibility

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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# Table 1: Roles and Responsibilities