**

**CAPSTONE PROJECT REGISTER**

Class: Duration time: from 05/09/2017…. To /12/2017…..

(\*) Profession: <Software Engineer> Specialty: <ES> <IS>

x

(\*) Kinds of person make registers: Lecturer Students

x

1. Register information for supervisor (if have)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Full name** | **Phone** | **E-Mail** | **Title** |
| Supervisor 1 | Kiều Trọng Khánh |  | khanhkt@fpt.edu.vn | Mr. |

2. Register information for students (if have)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Full name** | **Student code** | **Phone** | **E-mail** | **Role in Group** |
| Student 1 |  |  |  |  |  |
| Student 2 |  |  |  |  |  |
| Student 3 |  |  |  |  |  |
| Student 4 |  |  |  |  |  |

3. Register content of Capstone Project

(\*) 3.1. Capstone Project name:

English: Students' Train Process Management

Vietnamese: Quản lý quá trình đào tạo của sinh viên

Abbreviation:

- STPM

**- Context:**

+ Improving the current activity in FPT University Train Department to provide the good services to stakeholder

**- Building the system provides following services**

* The system must be build following the designed DB
* The system allows the train department staffs, finance department staffs, … access and manipulate
* The system support train functional as input the learning outcome from excel files, analysis the result of student following specific stages, report …
* The application must compliance with train department process (user requirements).

**- Simulator**

* All process must be demonstration

(\*) 3.2. Main proposal content (including result and product)

1. Theory and practice (document):

* Student should apply the software development process and the UML
* Software artifacts include User Requirement, Software Requirement Specification, Architecture Design, Detail Design, System Implementation and Testing Document, Installation Guide, sources code, and deployable software packages
* 3 tiers should be applied
* Server side technique:
  + Database design, OOA, OOD, OOP, MVC, Java or .Net technology, …
* Client side technique
  + HTML5, CSS, JavaScript, JQuery, Ajax, Android**, ...**
* Communication technique
  + Exchange information and transfer data in effective in networks, communicating protocol between mobile devices, ...
* Research
  + Web Development

1. Program:

* Main functions
  + Compliance with user requirements in train department process

1. Other products:

* All of management functions of the system must be implemented to support the operating system in best

4. Other comment (propose all relative thing if have)

N/A

|  |  |
| --- | --- |
| **Supervisor (If have)**  *(Sign and full name)* | HCM city, date 24/8/2017  **On behalf of Registers**  *(Sign and full name)* |

Kiều Trọng Khánh