**

**CAPSTONE PROJECT REGISTER**

Class: Duration time: from / /2019…. To / /2019…..

(\*) 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: Babysitter in Demand

Vietnamese: Ứng dụng hỗ trợ tìm người trông trẻ theo nhu cầu

Abbreviation: BSD

**- Context:**

+ Babysitter has a high demand in busy day, especially, events and holiday, or some busy day in weeks

+ How confidence is ensured?

+ Reference: https://bsit.com/en-FR/parent

**- Building the system provides following services:**

* The application is built in Vietnam environment, especially, HCM City
* The application allows to make member in users’ family or closet friends
* The application allows to babysitter register and generates confidential token that is used to interact on this system
* Users can search babysitter, then the application suggests following circle of family members or friends, nearly next door, knowledge, skills certificates, ...
* Make API that can provide useful services to many applications.
* Make scheduling before event, holiday taking place
* …

**- Simulator:**

* Make the simulator with application more than 02 persons, 02 babysitter with immediately schedule and available schedule.

(\*) 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, Swift, ...
* Communication technique:
  + Exchange information and transfer data in effective in networks, communicating protocol between mobile devices...
  + Inter-service communication in cloud native environment.
* Research
  + Android/iOS mobile development.
  + Matching, Suggesting
  + …

1. Program:

* Main functions:
  + Same as above description.
  + …

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 28/8/2019  **On behalf of Registers**  *(Sign and full name)* |

Kiều Trọng Khánh