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| --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | **C:\Users\sonnx0907\Desktop\Untitled.png** | **MINISTRY OF EDUCATION AND RAINING** | | | **FPT UNIVERSITY** | | |
| Capstone Project Document |
| Hospital Finder |
| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **Group 11** | | | **Group Members** | Lê Phước Việt – Team Leader – SE60706  Nguyễn Xuân Sơn – Team Member – SE60727  Dương Thị Hoàng Anh – Team Member – 60434 | | **Supervisor** | Nguyễn Đức Khoan | | **Ext Supervisor** | N/A | | **Capstone Project code** | HospitalF | | |

- Ho Chi Minh City, May / 2014 –

**CAPSTONE PROJECT REGISTER**

Class: Duration time: from 12/05/201 To 03/09/2014

(\*) 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 | Nguyễn Đức Khoan |  | khoannd@fpt.edu.vn | Mr. |

2. Register information for students (if have)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Full name** | **Student code** | **Phone** | **E-mail** | **Role in Group** |
| Student 1 | Lê Phước Việt | SE60706 | 0949051851 | vietlpse60706@fpt.edu.vn | Team leader |
| Student 2 | Nguyễn Xuân Sơn | SE60727 | 01214184300 | sonnxse60727@fpt.edu.vn | Team member |
| Student 3 | Dương Thị Hoàng Anh | 60434 | 0908616730 | anhdth60434@fpt.edu.vn | Team member |

3. Register content of Capstone Project

(\*) 3.1. Capstone Project name:

English: Hospital Finder.

Vietnamese: Tìm kiếm bệnh viện

Abbreviation:

- HospitalF

- Building the web application which compatible with both computer and mobile devices supports user to find the appropriate hospitals for their conditions. The system can find the appropriate hospitals and shows the result list and on map. In this map, user can interact with the system to see hospital image, name, address, short description, and the rating. The system can show full description, more images and users’ reviews. User also can write a review, rating and share information of the hospital if they have a social account.

(\*) 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, PHP or .Net technology, …
* Client side technique
  + HTML5, CSS, JavaScript, JQuery, Ajax, Android, …
* Communication technique
  + Exchange information and transfer data in effective in networks
* Research
  + Google Map API, Social Network Integration, …

1. Program:

* Main functions
  + Admin
    - Manage the systems, manage account, configure systems …
  + Staff
    - Update and create the new users, update hospital information ...
    - Make the statistic
  + Users
    - Make query/request, login using social account, rating, write the reviews

1. Other products:

N/A

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

N/A

|  |  |
| --- | --- |
| **Supervisor**  *(Sign and full name)* | HCM city, date 12/05/2014  **On behalf of Registers**  *(Sign and full name)* |

|  |
| --- |
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2. **Project information**

* Project name: Hospital Finder
* Project code: HospitalF
* Product type: Responsive design website
* Start date: May 13, 2014
* End date: September 1, 2014

1. **Introduction**
2. **Current Problem**
3. **Proposed solution**
4. **Functional Requirement**
5. **Search Hospital**
6. **Hospital Management**
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12. **Role and responsibility**
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