|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| |  |  |  | | --- | --- | --- | | **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  Võ Nguyễn Anh Khoa – Team Member – SE60817 | | **Supervisor** | Nguyễn Đức Khoan | | **Ext Supervisor** | N/A | | **Capstone Project code** | HospitalF | | |
| - Ho Chi Minh City, May / 2014 - |

**Table of Contents**

[**1.** **Project information** 3](#_Toc388372958)

[**2.** **Introduction** 3](#_Toc388372959)

[**3.** **Current Problem** 3](#_Toc388372960)

[**4.** **Proposed solution** 3](#_Toc388372961)

[**5.** **Functional Requirement** 4](#_Toc388372962)

[**5.1** **Search Hospital** 4](#_Toc388372963)

[**5.2** **Hospital Management** 4](#_Toc388372964)

[**5.3** **User Management** 4](#_Toc388372965)

[**5.4** **Statistics** 4](#_Toc388372966)

[**5.5** **Online Appointment** 4](#_Toc388372967)

[**5.6** **Syncing Google Calendar** 4](#_Toc388372968)

[**5.7** **Mobile Devices** 5](#_Toc388372969)

[**6.** **Role and responsibility** 5](#_Toc388372970)

**Report No.1: Introduction**

1. **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**

The needs of health services for people is raising every day. A list of hospitals or clinics center in a specific region is not so difficult to find, but finding suitable health services for a specific illness or disease is a headache problem. A nearer and faster curing service, a better chance for a patient to improve his/her condition. The more health services people required, the more specific information people want to know about their chosen centers. Understanding that needs, we offer a brand new website system for hospital services in Vietnam, named Hospital Finder.

1. **Current Problem**

A system for finding appropriate health services base on patients’ conditions is not yet published.

Vietnam doesn’t have an official hospital and clinic list that offer health services in the country, and many non-official websites provide different types of the list so the information is not consistent.

A better list is supported by Google Map by using “Hospital” or “Health” keywords, but some of the locations and names are not relevant to health services because of attached advertising tag keywords.

1. **Proposed solution**

Hospital Finder is a website application that’s built for finding appropriate hospitals with users’ conditions.

The result list is displayed on a visual map, users can interact with it to show full description, images and another users’ reviews about any health centers. Users can also write comments, rate about any centers or feedback to administrators if they see the provided information is not correct.

Appointment online is support as an intermediate service between the system and new hospitals or private clinics that doesn’t have online management service.

The system is compatible with both computers and mobile devices.

1. **Functional Requirement**
2. **Search Hospital**

* Users can search for hospitals or clinics location by those features below:
  + Patients’ conditions.
  + Centers with high rating base on patients’ conditions.
  + Centers in a specific area in Vietnam.
  + Centers around current location or at a specific location address.
  + Centers that locate at a specific distance reference to current location.
* Search results and the shortest way to a specific center will be displayed on an interactive visual map.

1. **Hospital Management**

* Administrators can import hospital lists to the system using a pre-defined Excel template.
* Hospital members can manage, add or update the information of their hospitals.

1. **User Management**

* Administrators have the right to create new hospital members. Keep track of current using members and have the right to active or de-active their accounts.

1. **Statistics**

* System supports generating statistics about those features below:
  + Monthly users.
  + Monthly appointments.
  + Top 10 illness or disease that have the highest search percent by users monthly and annually.

1. **Online Appointment**

* Allow users to make appointment online, they can choose what time they want to book, or specific doctor they want to see, and another additional requirements.

1. **Syncing Google Calendar**

* All appointments will be synced through Google Calendar for easier tracking and managing.

1. **Mobile Devices**

* The system is compatible with both computers and mobile devices.

1. **Role and responsibility**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No.** | **Full Name** | **Roles** | **Position** | **Contact Detail** |
| 1 | Nguyễn Đức Khoan | Project Manager | Instructor | khoannd@fpt.edu.vn |
| 2 | Lê Phước Việt | Developer | Leader | vietlpse60706@fpt.edu.vn |
| 3 | Nguyễn Xuân Sơn | Developer | Member | sonnxse60727@fpt.edu.vn |
| 4 | Dương Thị Hoàng Anh | Developer | Member | anhdth60434@fpt.edu.vn |
| 5 | Vũ Nhật Anh Khoa | Developer | Member | Khoavnase60817@fpt.edu.vn |