|  |
| --- |
|  |
| Capstone Project Document |

**First Aid**

Report #2 – Screen Design

|  |  |  |
| --- | --- | --- |
| **First Aid** | | |
| **Group Members** | Đàm Huy Hùng | SE03431 |
| Nguyễn Duy Anh | 01525 |
| Mai Trung Kiên | SE02994 |
| Nguyễn Tiến Dũng | SE03272 |
| Nguyễn Phúc An | SE03118 |
| **Supervisor** | Mr. Nguyễn Văn Sang | |
| **Project code** | FAVN | |

**- -**

# SIGNATURE PAGE

AUTHOR: Nguyễn Phúc An 18/10/2016

Team member

REVIEWERS: Đàm Huy Hùng 18/10/2016

Project manager

APPROVAL: Nguyễn Văn Sang 19/10/2016

Supervisor

Record of change

\*A - Added M - Modified D – Deleted

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Effective Date | Changed Item | A,M,D | Change Description | Reason for Change | Rev. Number |
| 18/Oct/2016 | Create Screen Design | A | First version | Create Screen Design | 1.0 |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

Contents

[SIGNATURE PAGE 0](#_Toc469501576)

[Introduction 3](#_Toc469501577)

[1.1 Purpose 3](#_Toc469501578)

[1.2 Definitions, Acronyms and Abbreviations 3](#_Toc469501579)

[1.3 Overview 3](#_Toc469501580)

[2 Screen Flow 3](#_Toc469501581)

[2.1 First Aid Application 4](#_Toc469501582)

[2.1.1 Emergency Screen 4](#_Toc469501583)

[2.1.2 Learning Screen 9](#_Toc469501584)

[2.1.3 More 14](#_Toc469501585)

[2.1.4 Software information 17](#_Toc469501586)

[2.2 Ambulance 19](#_Toc469501587)

[2.2.1 Login 19](#_Toc469501588)

[2.2.2 Waiting 21](#_Toc469501589)

[2.2.3 Task 21](#_Toc469501590)

[2.3 Dispatcher 23](#_Toc469501591)

[2.3.1 Login 23](#_Toc469501592)

[2.3.2 Dispatcher’s Dashboard 24](#_Toc469501593)

[2.4 Admin 26](#_Toc469501594)

[2.4.1 Login 26](#_Toc469501595)

[2.4.2 User 27](#_Toc469501596)

[2.4.3 Add new user 28](#_Toc469501597)

[2.4.4 Edit user 29](#_Toc469501598)

[2.4.5 Question-Answer 30](#_Toc469501599)

# Introduction

## Purpose

Make the user can more clearly understand the flow of the screen in a product of the system. To ensure consistency and simplicity in detailed design across all displays within a product interface of the system. Definitions, acronyms, abbreviations, references and overview of each application of FAVN system.

## Definitions, Acronyms and Abbreviations

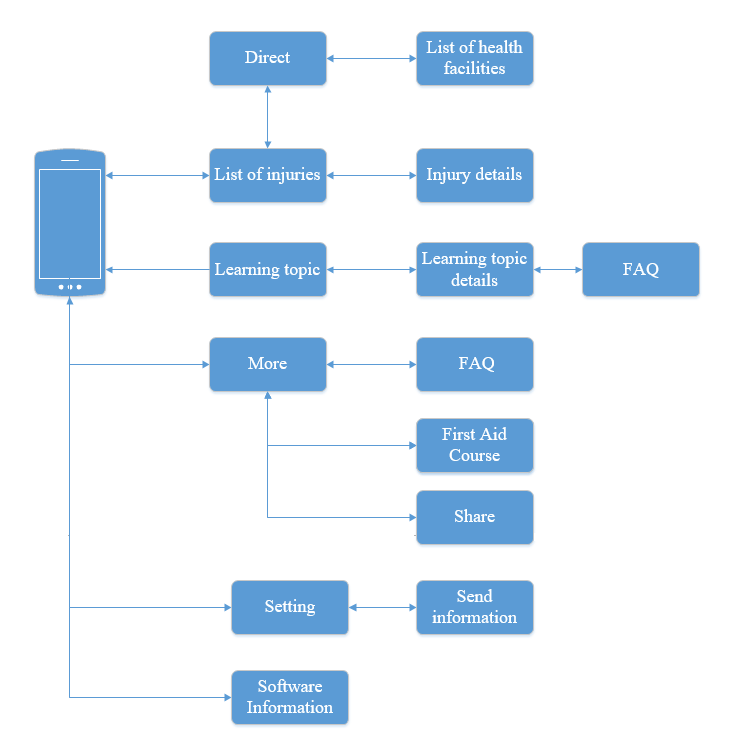
|  |  |  |
| --- | --- | --- |
| Abbreviations | Description | Comment |
| FAVN | First Aid Viet Nam |  |
| Q&A | Question and Answer |  |

Table 1-1: Definitions, Acronyms and Abbreviations

## Overview

# Screen Flow

## First Aid Application

****

1. First Aid Screen Flow

### Emergency Screen

**

1. Emergency Screen

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
|  | Menu Bar | Menu | | Button | Tap on | Y |  | Show list of screen |
|  | Search | Tìm Kiếm | | Icon | Tap on | Y |  | Show textbox to input characters |
|  | Call | Gọi | | Icon | Tap on | Y |  | Auto dialing 115 |
|  | Direct | Chỉ đường | | Icon | Tap on | Y |  | Move to screen Direct. |
|  | List of injuries | Danh sách các trường hợp khẩn cấp | | List |  | Y |  | Show list of emergency. |

1. EmergencyScreen

#### Emergency Details



Figure 2-3: Emergency Details

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type |  | Require | Mandatory | Max-Length | Description |
| 1 | Back button | Nút quay lại | Button |  | Tap on | Y |  | Back to screen emergency |
| 2 | Call 115 | Gọi 115 | Button |  | Tap on | Y |  | Call 115 |

**Table 2-2: Emergency Details**

#### Direct screen

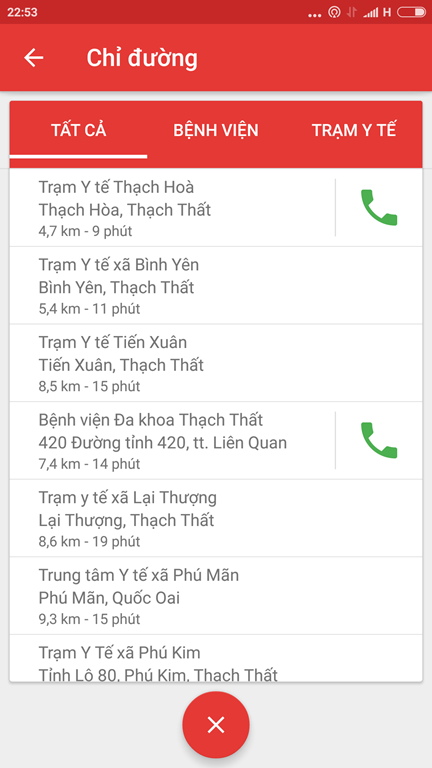


**Figure 2-4: Direct Screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | *Require* | Mandatory | Max-Length | Description |
| 1 | Current location | Vị trí hiện tại | Button | Tap on | Y |  | Focus to current location |
| 2 | Nearly health facilities | Cơ sở y tế gần đây | Button | Tap on | Y |  | Show the list of 20 nearest health facilites |
| 3 | Back button | Nút quay lại | Button | Tap on | Y |  | Back to the previous screen |

**Table 2-3: Direct**

#### List of health facilities



**Figure 2-5: List of health facilities screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | List of health facilities | Danh sách các cơ sở y tế | List |  | Y |  | List health facilities |
| 2 | Close | Tắt | Button | Tap on | Y |  | Turn off the list of health facilities |
| 3 | Hospital | Bệnh viện | Button | Tap on | Y |  | Show list of hospitals |
| 4 | Medicine Center | Trạm Y Tế | Button | Tap on | Y |  | Show list of medicine center |

**Table 2-4: List of health facilities screen**

### Learning Screen



Figure 2-6: Learning screen

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | List of learning topic | Danh sách các chủ đề tìm hiểu | List |  | Y |  | Display list of learning topic |
| 2 | First Aid Course | Các khóa học sơ cứu | Image link | Tap on | Y |  | Show the list of First Aid Course |

Table 2-5: Learning screen

#### Learning topic details screen



**Figure 2-7: Learning Topic Details**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Back Button | Nút quay lại | Button | Tap on | Y |  | Back to Learning screen |
| 2 | Step | Bước làm | Button | Tap on |  |  | Read the content of step |
| 3 | FAQ | Câu hỏi thường gặp | Button | Tap on | Y |  | Show the list of FAQ |

**Table 2-6: Learning Topic Details**

#### FAQ screen

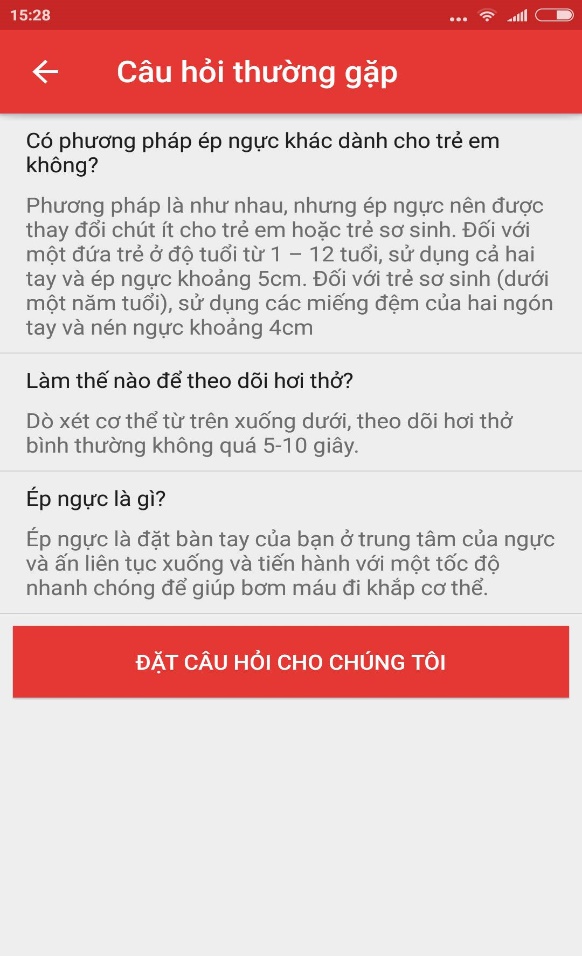


Figure 2-8: FAQ screen

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Back button | Nút quay lại | Button | Tap on | Y |  | Back to Learning Topic Details screen |
| 3 | List of question and answers | Danh sách các câu hỏi và câu trả lời | List |  | Y |  | Show list of FAQ |
| 4 | Button Ask a question | Đặt câu hỏi cho chúng tôi | Button | Tap on | Y |  | Move to screen to send the questions. |

Table 2-7: FAQ screen

#### Ý Kiến - Hỏi Đáp screen

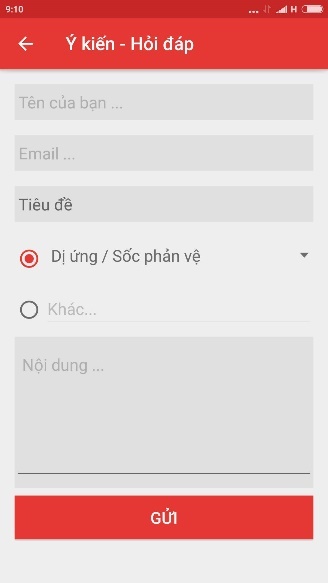


Figure 2-9: Send question screen

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Your name | Tên của bạn | Textfield | Tap on | Y |  | Display text |
| 2 | Email | Thư điện tử | Textfield | Tap on | Y |  | Display text |
| 3 | Title | Tiêu đề | Button | Tap on | Y |  | Display tittle |
| 4 | Content | Nội dung | Textfield | Tap on | Y |  | Display text |
| 5 | Send | Gửi | Button | Tap on |  |  | Send question to system |
| 6 | Back | Quay lại | Button | Tap on | Y |  | Back to previous screen |

Table 2-8: Send question screen

### More

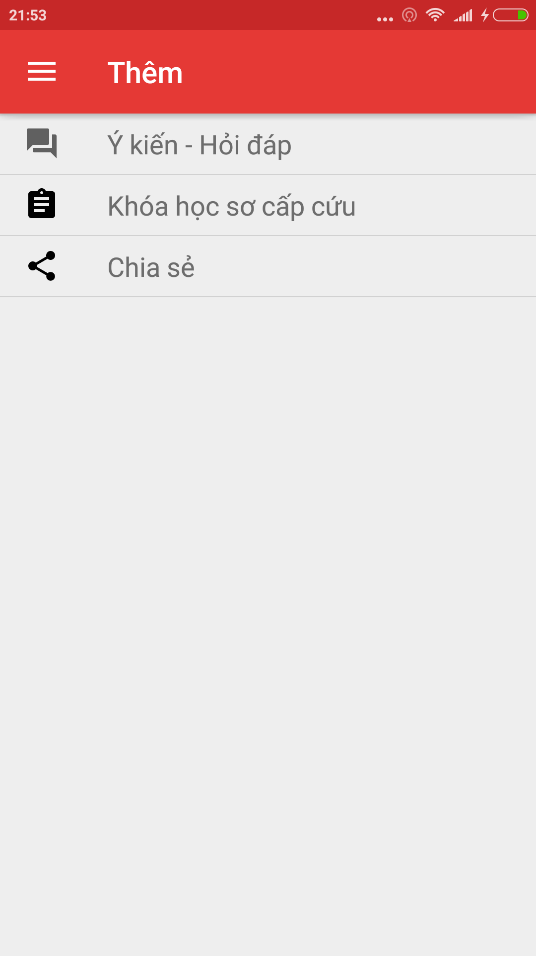


Figure 2-10: More screen

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | FAQ | Ý Kiến – Hỏi Đáp | Button |  | Y |  | Move to FAQ screen |
| 2 | First Aid Courses | Các khóa học sơ cứu | Button |  | Y |  | Move to list of First Aid Courses |
| 3 | Share | Chia sẻ | Label |  | Y |  | Share application on communication social network |

Table 2-9: More screen

#### FAQ screen

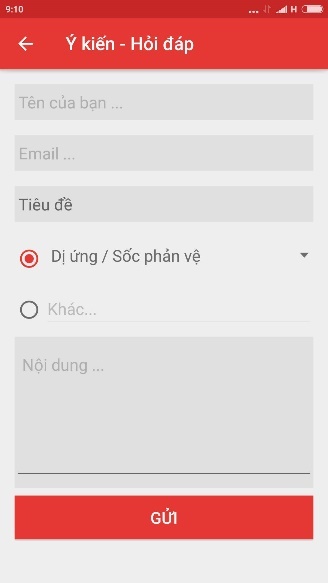
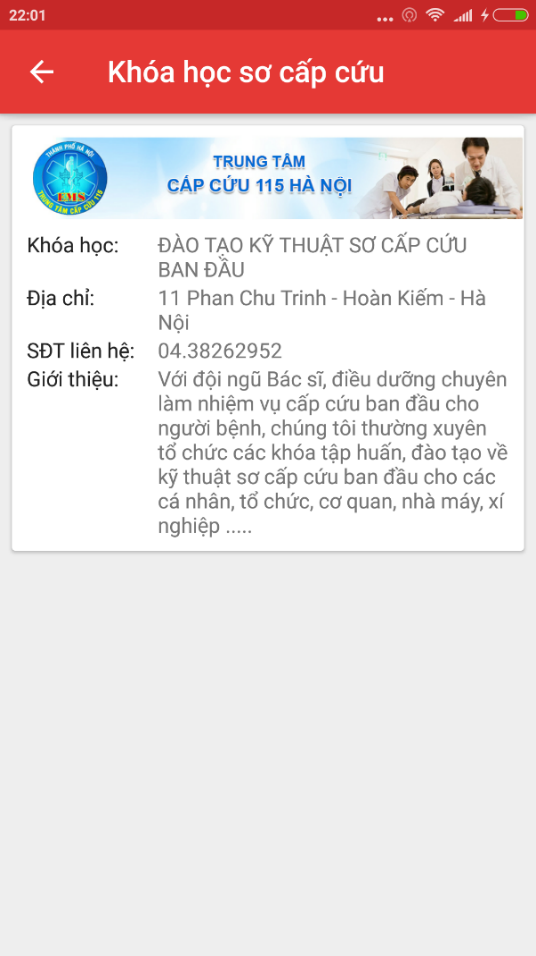


Figure 2-11: Send Question

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Your name | Tên của bạn | Textfield | Tap on | Y |  | Display text |
| 2 | Email | Thư điện tử | Textfield | Tap on | Y |  | Display text |
| 3 | Title | Tiêu đề | Button | Tap on | Y |  | Display tittle |
| 4 | Content | Nội dung | Textfield | Tap on | Y |  | Display text |
| 5 | Send | Gửi | Button | Tap on | Y |  | Send question to system |
| 6 | Back | Quay lại | Button | Tap on | Y |  | Back to previous screen |

Table 2-10: Send Question

#### First Aid Courses screen

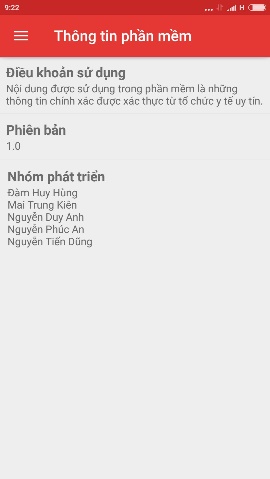


**Figure 2-12: First Aid Course Information**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | List of First Aid Courses | Danh sách khóa học sơ cứu | Card view |  | Y |  | Display text |

**Table 2-11: First Aid Course Information**

### Software information

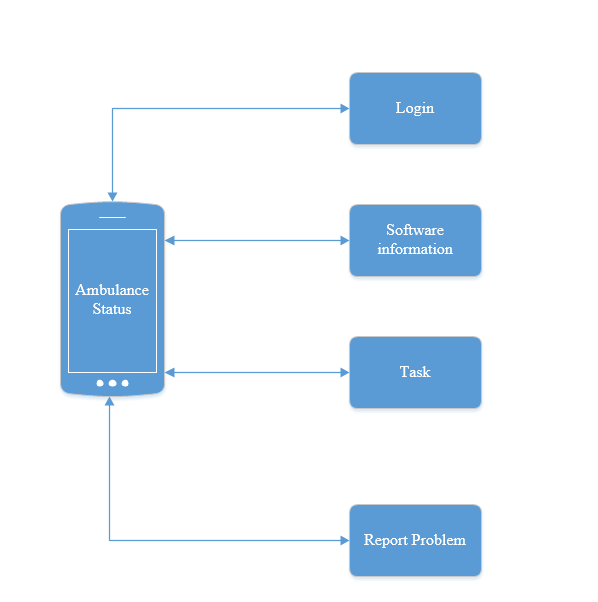


**Figure 2-13: Software information screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Term of use | Điều khoản sử dụng | Card view |  | Y |  | Show term of use |
| 2 | Version | Phiên bản | Card view |  | Y |  | Show the version of software |
| 3 | Name of developers | Tên nhà phát triển | Card view |  | Y |  | Show the name of developers. |

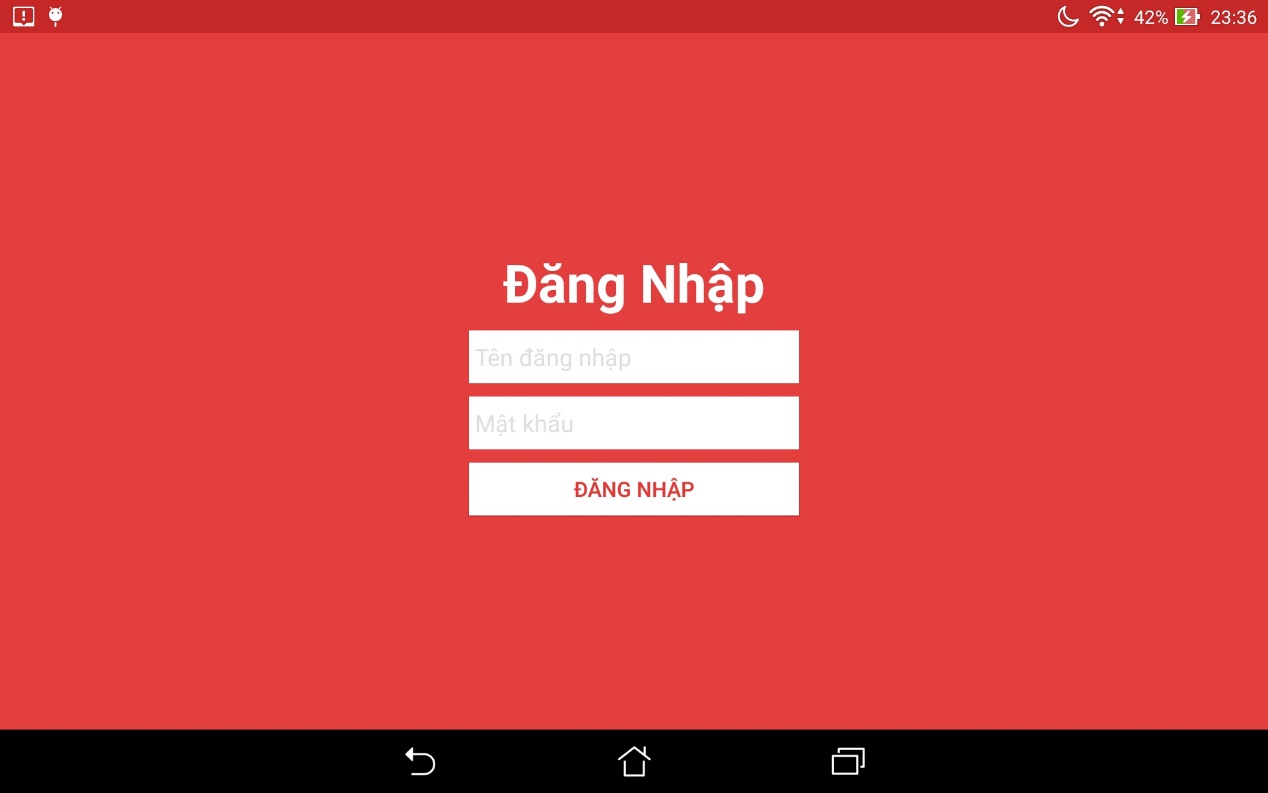
**Table 2-12: Software information screen**

## Ambulance



**Figure 2-14: Ambulance screen flow**

### Login

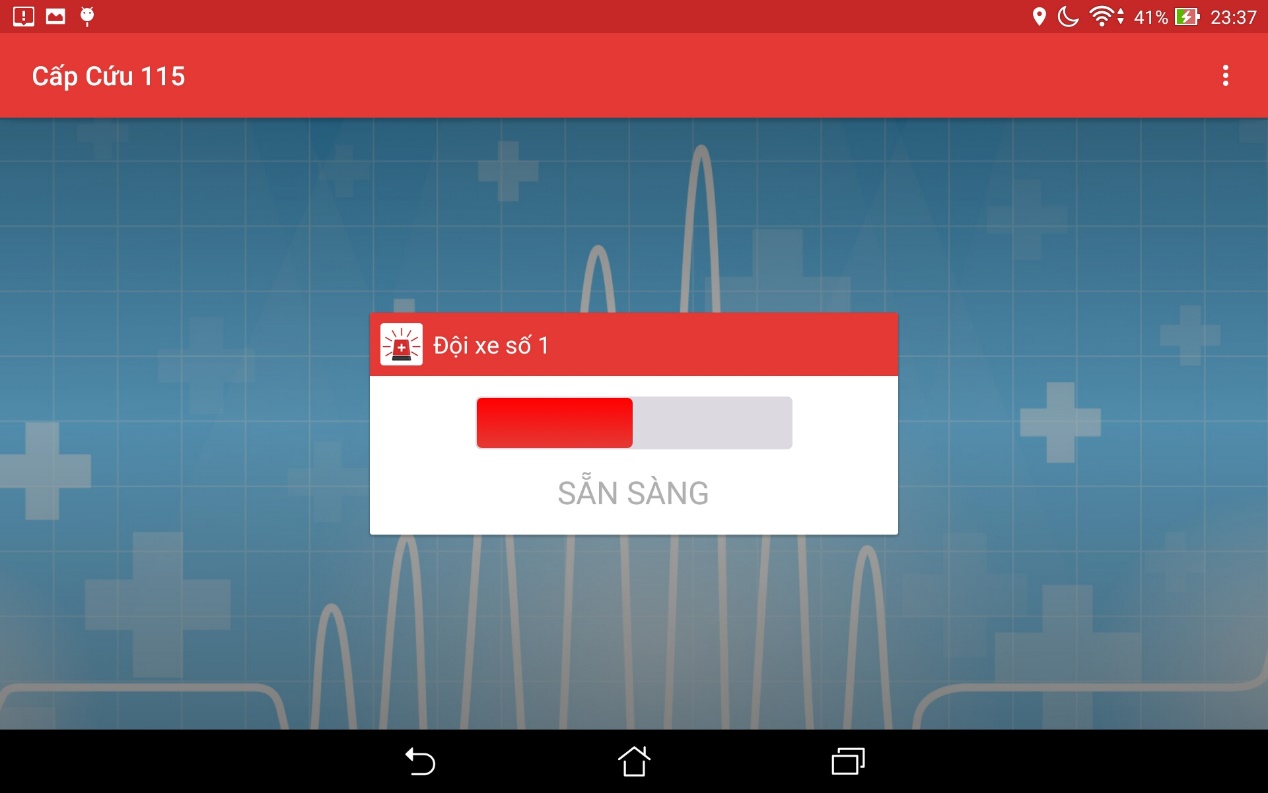


**Figure 2-15: Login screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Login | Đăng Nhập | Button | Click on | Y |  | Login |
| 2 | User name | Tên đăng nhập | Textfield | Click on | Y |  | Fill the user name |
| 3 | Password | Mật Khẩu | Textfield | Click on | Y |  | Fill the password |

**Table 2-13: Login screen**

### Waiting



**Figure 2-16: Waiting Screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Ready to take the task | Sẵn sàng nhận nhiệm vụ | Switch | Tap on | Y |  | Show the status of user ready to take the task or not |
| 2 | Menu | Tùy Chọn | Dropdown list | Tap on | Y |  | Show two button [Đăng Xuất] and [Thông tin phần mềm |

**Table 2-14: Waiting Screen**

### Task

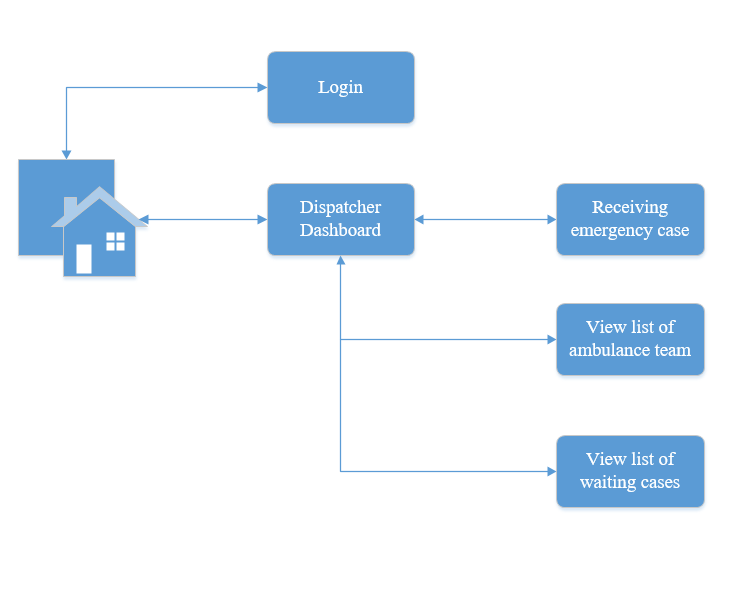


**Figure 2-17: Task screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Task | Nhiệm vụ | Label |  | Y |  | Name of screen |
| 2 | Locate | Định vị | Icon | Tap on | Y |  | Locate position of ambulance team |
| 3 | Information board | Bảng thông tin | Text |  | Y |  | Show the information of victims |
| 4 | Victim current position | Vị trí hiện tại của nạn nhân | Icon | Tap on | Y |  | Location position of victim |
| 5 | Direct | Chỉ Đường | Icon | Tap on | Y |  | Show the direct from ambulance team to the victim, include distance |
| 6 | Report problem | Báo Cáo Sự Cố | Icon | Tap on | Y |  | Call the center to report problem |
| 7 | Finish | Kết thúc | Icon | Tap on | Y |  | Report that mission completed or cancel |

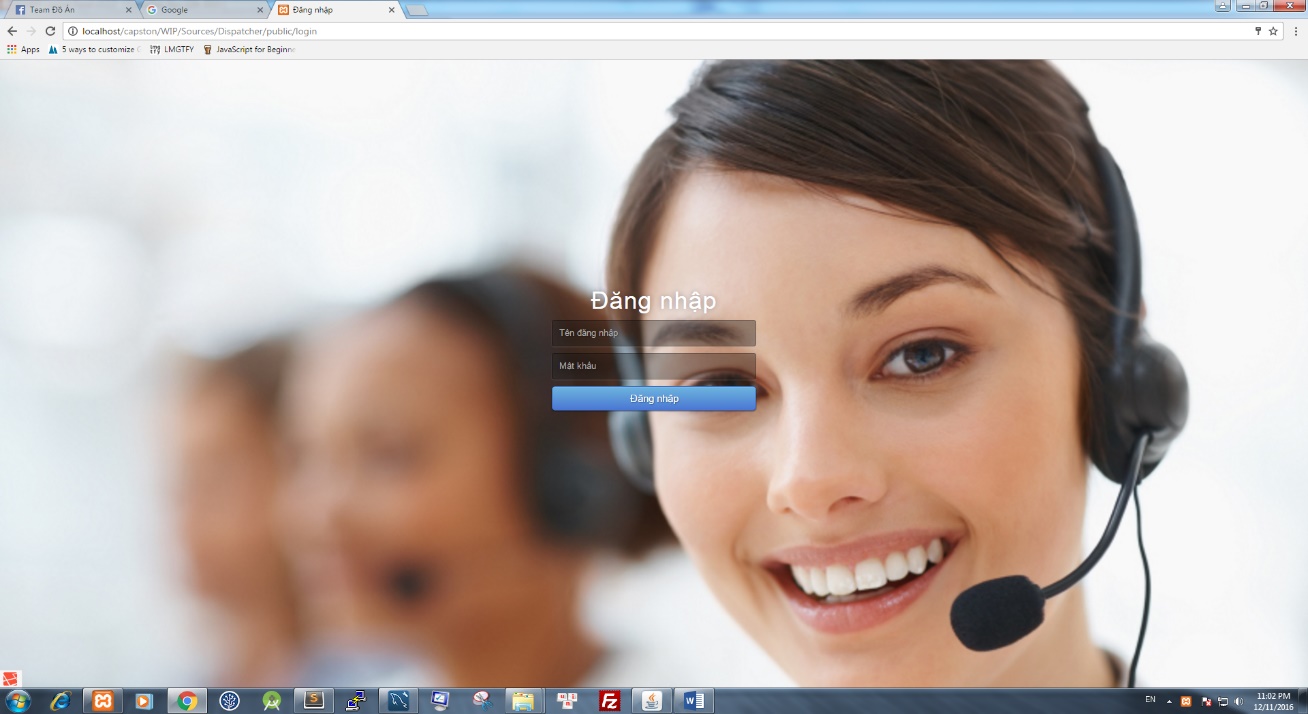
**Table 2-15: Task screen**

## Dispatcher



**Figure 2-17: Dispatcher screen flow**

### Login

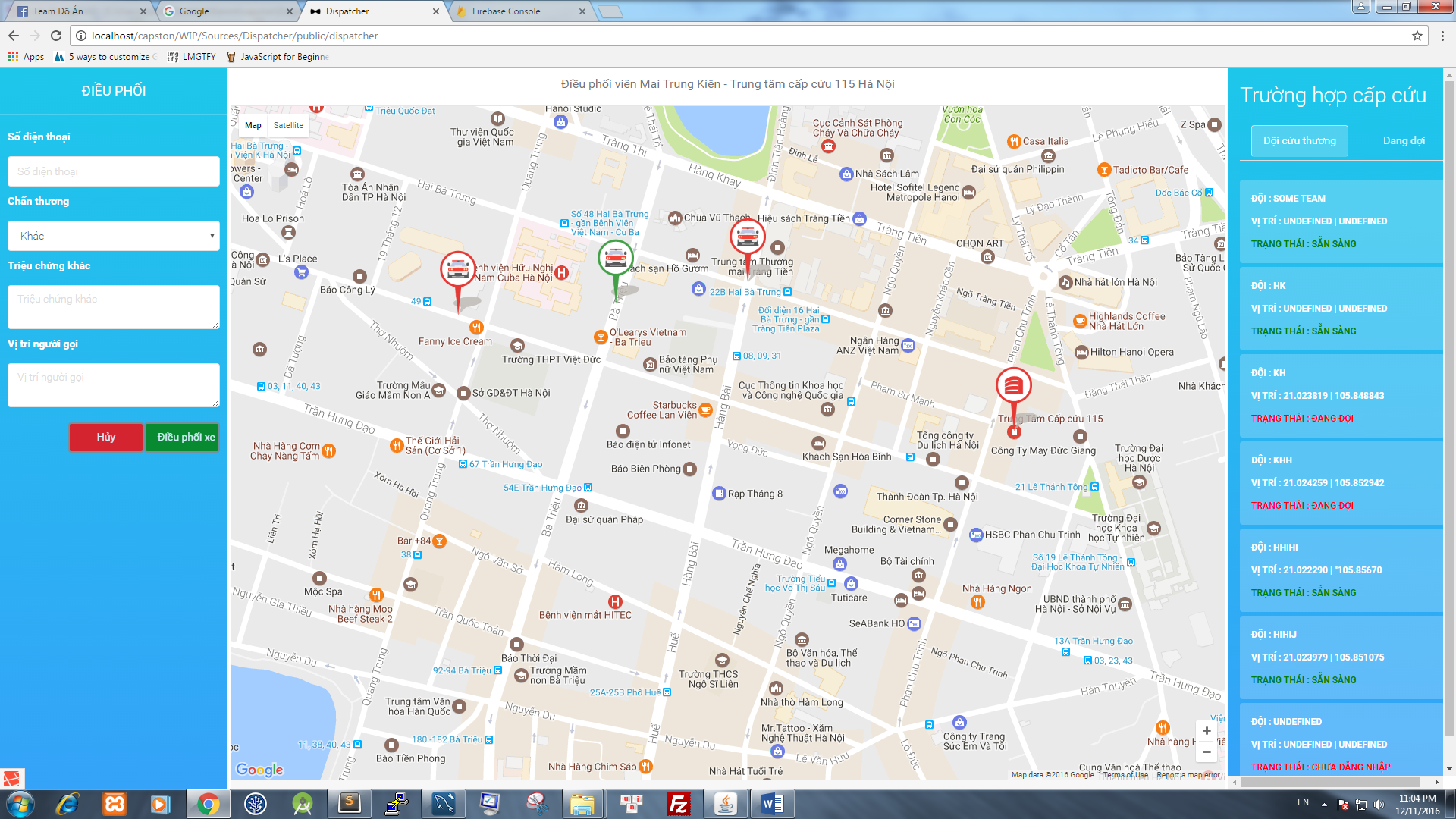


**Figure 2-18: Login screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Login | Đăng Nhập | Button | Click on | Y |  | Login to the dispatcher dashboard page |
| 2 | User name | Tên đăng nhập | Textfield | Click on | Y |  | Fill the user name |
| 3 | Password | Mật Khẩu | Textfield | Click on | Y |  | Fill the password |

**Table 2-16: Login screen**

### Dispatcher’s Dashboard

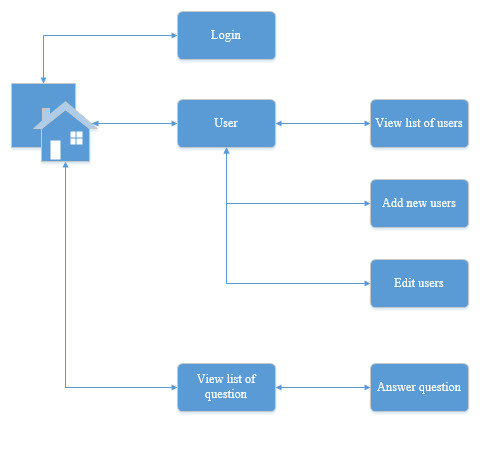


**Figure 2-19: Dispatcher’s Dashboard screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Phone number | Số Điện Thoại | Text field | Click on | Y | 11 | Fill phone number of caller. |
| 2 | Injury | Chấn Thương | Dropdown list | Click on | Y |  | Show list of injuries |
| 3 | Caller’s Position | Vị trí người gọi | Text field | Click on | Y |  | Fill the position of caller. |
| 4 | Other injuries | Chấn Thương khác | Text field | Click on | Y |  | Fill the injury |
| 5 | Dispatch | Điều phối xe | Button | Click on | Y |  | Dispatch the ambulance for the emergency cases |
| 6 | Cancel | Hủy | Button | Click on | Y |  | Cancel the emergency case |
| 7 | Ambulance Team | Đội cứu thương | Button | Click on | Y |  | Show list of ambulance, include ambulance information |
| 8 | Waiting | Đang đợi | Button | Click on | Y |  | Show list of waiting cases |

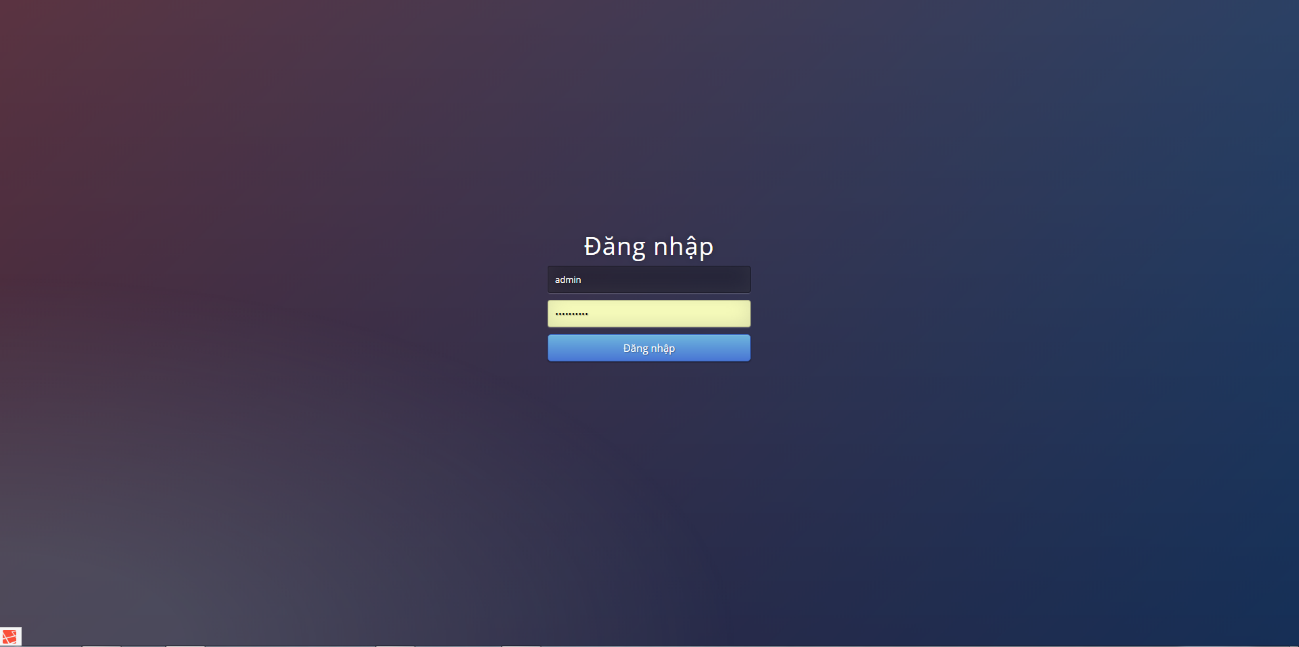
**Table 2-17: Dispatcher’s Dashboard screen**

## Admin



**Figure 2-20: Admin screen flow**

### Login

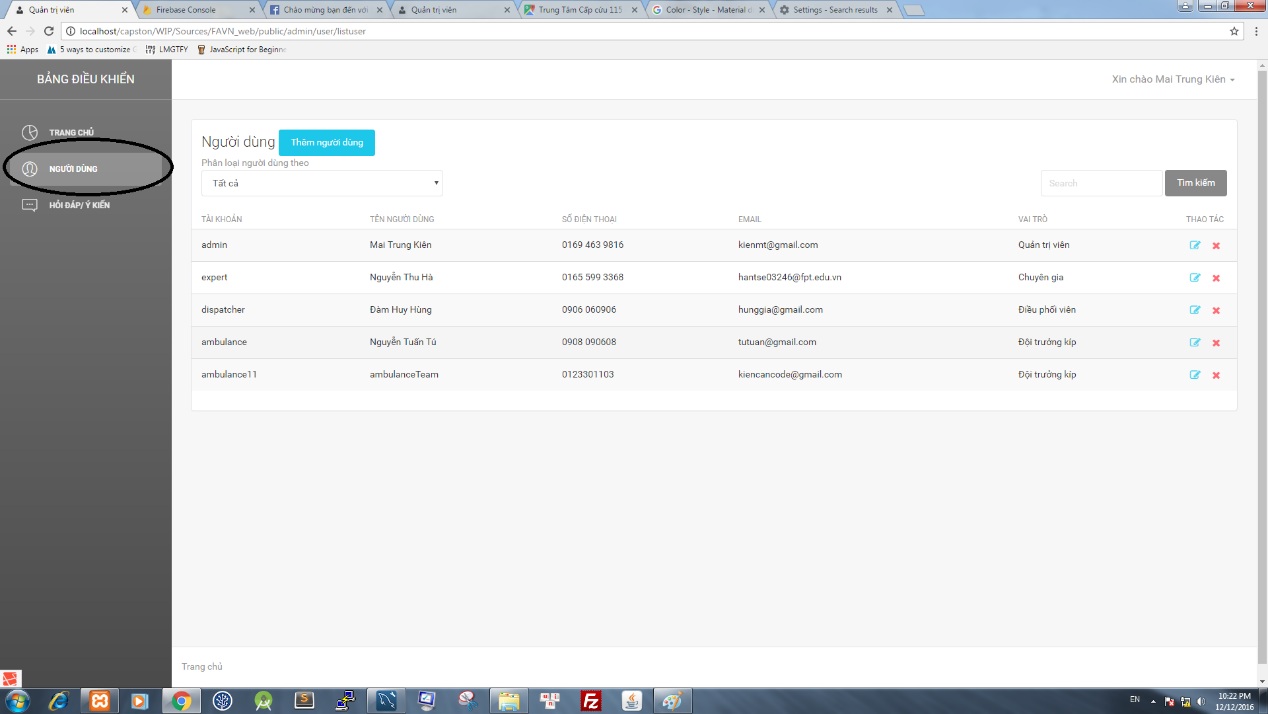


**Figure 2-21: Login screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Login | Đăng Nhập | Button | Click on | Y |  | Login to the admin dashboard page |
| 2 | User name | Tên đăng nhập | Textfield | Click on | Y |  | Fill the user name |
| 3 | Password | Mật Khẩu | Textfield | Click on | Y |  | Fill the password |

**Table 2-18: Login screen**

### User

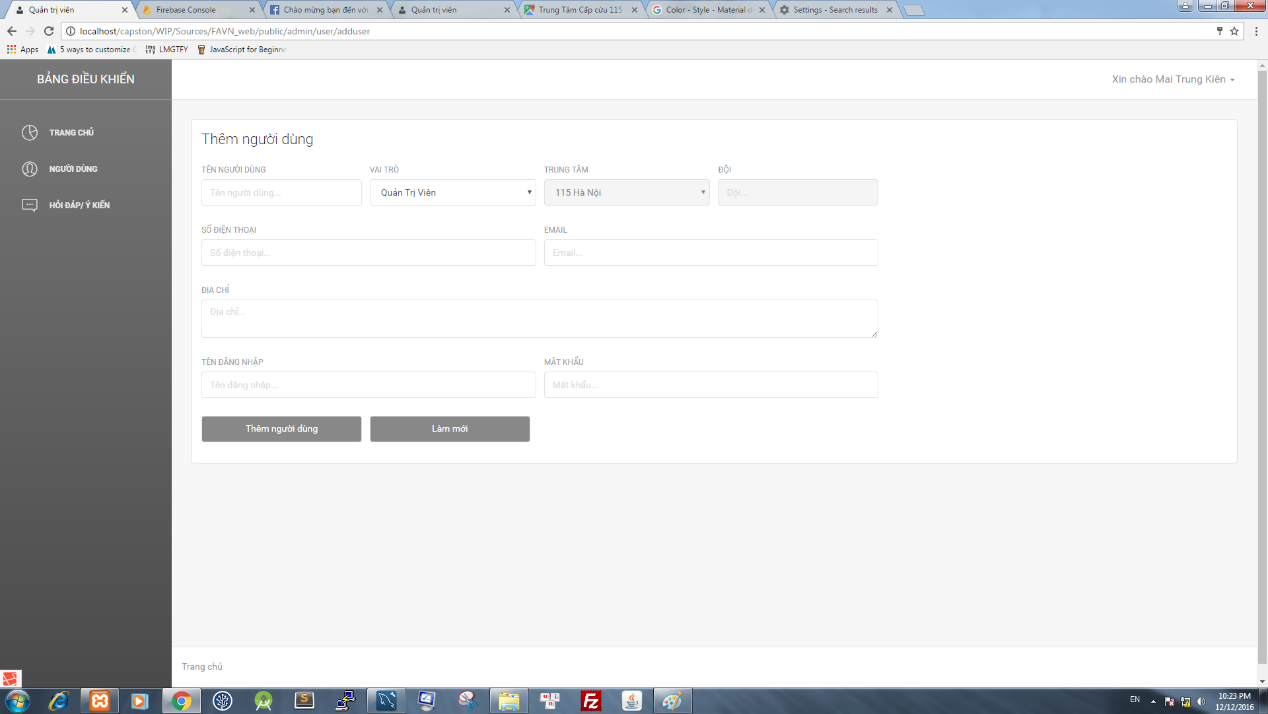


**Figure 2-22: User screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Add new user | Thêm người dùng | Button | Click on | Y |  | Move to add new user page |
| 2 | Edit | Sửa người dùng | Icon | Click on | Y |  | Move to edit user page |
| 3 | Delete | Xóa người dùng | Icon | Click on | Y |  | Delete user |
| 4 | User Classification | Phân loại người dùng | Dropdownlist | Click on | Y |  | Classification user by role |
| 5 | Search textbox | Ô tìm kiếm | Textbox | Click on | Y |  | Input characters to search users |
| 6 | Search button | Nút tìm kiếm | Button | Click on | Y |  | Search users |

**Table 2-19: User screen**

### Add new user

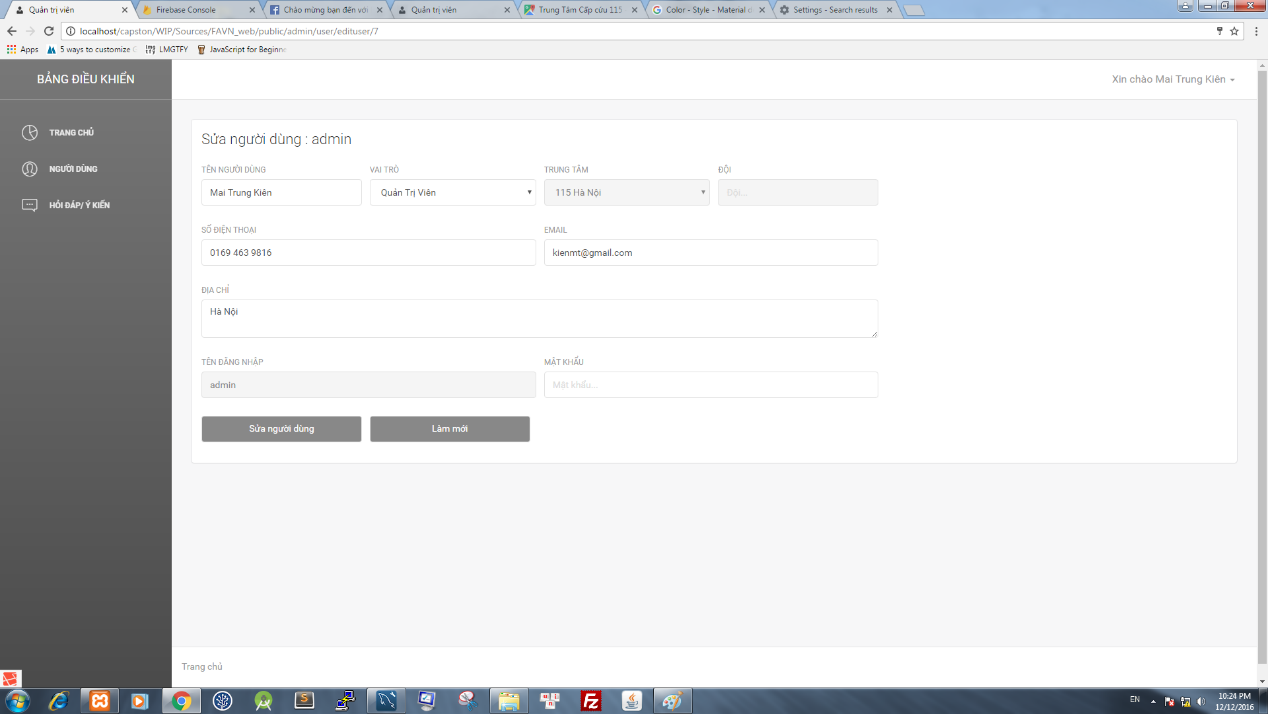


**Figure 2-23: Add new user screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | User name | Tên người dùng | Textfield | Click on | Y |  | Fill name of user |
| 2 | Role | Vai trò | Dropdownlist | Click on | Y |  | Select role of user |
| 3 | Center | Trung Tâm | Dropdownlist | Click on | Y |  | Select center |
| 4 | Team | Đội | Textfield | Click on | Y |  | Fill name of ambulance team |
| 5 | Phone number | Số Điện Thoại | Textfield | Click on | Y |  | Fill phone number of user |
| 6 | Email | Thư điện tử | Text field | Click on | Y |  | Fill email of user |
| 7 | Address | Địa chỉ | Text field | Click on | Y |  | Fill address of user |
| 8 | Login name | Tên đăng nhập | Text field | Click on | Y |  | Fill login name of user |
| 9 | Password | Mật Khẩu | Text  field | Click on | Y |  | Fill password of user |
| 10 | Add new user | Thêm người dung | Button | Click on | Y |  | Add new user |
| 11 | Reset | Làm mới | Button | Click on | Y |  | Reset all text field |

**Table 2-20: Add new user screen**

### Edit user

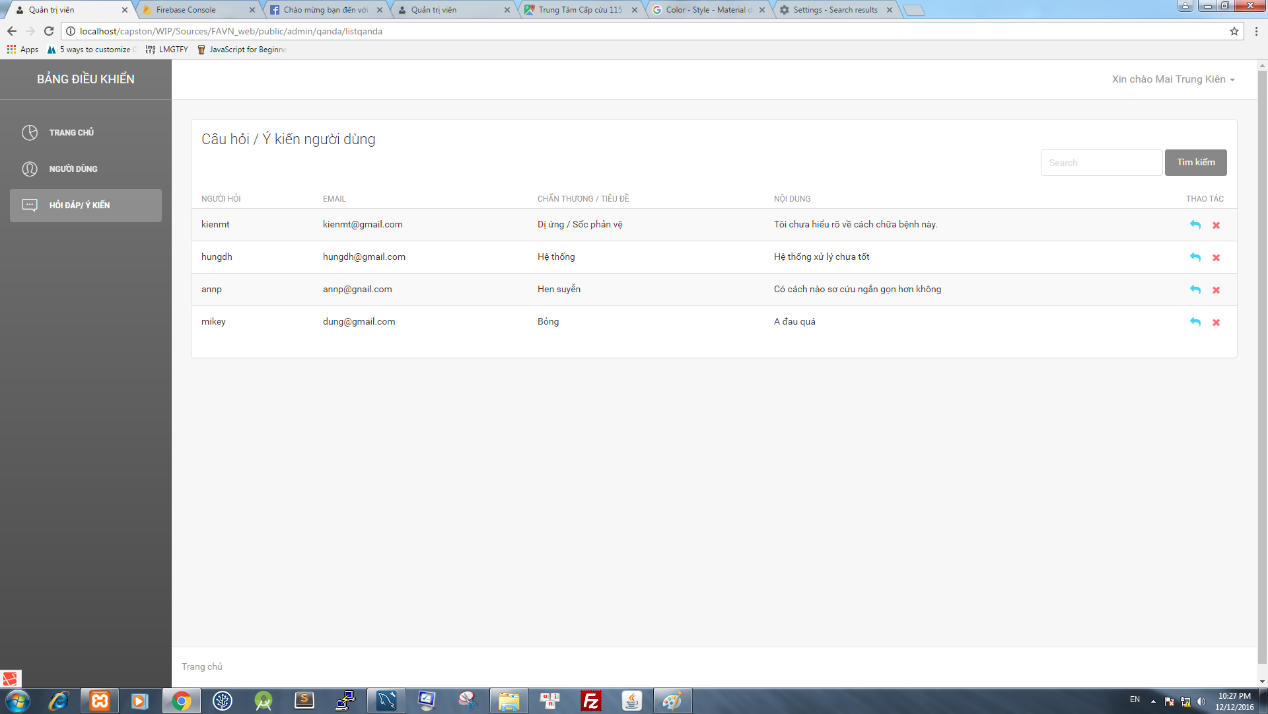


**Figure 2-24: Edit user screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | User name | Tên người dùng | Textfield | Click on | Y |  | Edit name of user |
| 2 | Role | Vai trò | Dropdownlist | Click on | Y |  | Select role of user |
| 3 | Center | Trung Tâm | Dropdownlist | Click on | Y |  | Select center |
| 4 | Team | Đội | Textfield | Click on | Y |  | Edit name of ambulance team |
| 5 | Phone number | Số Điện Thoại | Textfield | Click on | Y |  | Edit phone number of user |
| 6 | Email | Thư điện tử | Text field | Click on | Y |  | Edit email of user |
| 7 | Address | Địa chỉ | Text field | Click on | Y |  | Edit address of user |
| 8 | Login name | Tên đăng nhập | Text field | Click on | Y |  | Edit login name of user |
| 9 | Password | Mật Khẩu | Text  field | Click on | Y |  | Edit password of user |
| 10 | Add new user | Thêm người dung | Button | Click on | Y |  | Add new user |
| 11 | Reset | Làm mới | Button | Click on | Y |  | Reset all text field |

**Table 2-21: Edit user screen**

### Question-Answer

 **Figure 2-25: Question-Answer screen**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| No | Field name | Field name in Vietnamese | Type | Require | Mandatory | Max-Length | Description |
| 1 | Answer Question | Trả lời câu hỏi | Icon | Click on | Y |  | Move to edit answer question page |
| 2 | Delete | Xóa câu hỏi | Icon | Click on | Y |  | Delete question |
| 3 | Search textbox | Ô tìm kiếm | Textbox | Click on | Y |  | Input characters to search users |
| 4 | Search button | Nút tìm kiếm | Button | Click on | Y |  | Search question |

**Table 2-22: Question-Answer screen**