**MINISTRY OF EDUCATION AND TRAINING**

**FPT UNIVERSITY**

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| Capstone Project Report 4 |
| Website for maid service |
| |  | | --- | |  |  |  |  | | --- | --- | | **Group 14** | | | **Group member** | Bùi Tiến Tuân – Leader – SE60824  Mạnh Quang Tuyến– Member – SE60890  Trương Hải Đăng – Member – SE60635 (drop out)  Nguyễn Tấn Công – Member – SE60920 | | **Supervisor** | Nguyễn Trọng Tài | | **Ext. Supervisor** | N/A | | **Capstone Project code** | MS-Website | |
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## Report 4. System Implementation & Test (SIT)

### Introduction

#### System Overview

This document describes the approach and methodologies used by the testing group to plan, organize and manage the testing of this system. It describes implementation details of test cases or technical details of how the product features should work.

The system will be tested is also the system our team are currently developing. This system developed based on MVC4 framework.

#### Test Approach

* Test goals: the testing aims to identify the remaining bugs in the system before releasing and confirm the consistency in design and implementation.
* Test type: black box testing.
* Test level: system and integration test.

### Test Plan

The purpose of this section is to verify and ensure that BUSG meets its design specification and other requirements from user. The following part will describe which features will be tested and which will not.

#### Functions

##### Role ‘Admin’

Test all functions of role ‘Admin’ including:

* User Management
* Comment Management

##### Role ‘Customer’

* Profile Management
* Recruitment Management
* Apply JobRequest Management
* Statistic

##### Role ‘Staff’

* Maid Management
* Profile Management
* JobRequest Management
* Recruitment Management
* Statistic

##### Role ‘MaidMediator’

* Maid Management
* Profile Management
* JobRequest Management
* Statistic

##### Role ‘Guest’

* Search
* Register
* Login
* Logout

#### Features not to be tested

##### Performance test

There was not enough time so we cannot optimize source code and improve performance. We can only ensure the system work well but not at its best performance.

##### Testing Tools and Environment

* Windows 7 operating system
* Google Chrome 19 or higher
* Microsoft Visual Studio 2012
* Microsoft SQL Server 2008 R2

### Test Cases

#### Role ‘Admin’

##### Manage Account

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **View Account** | | | | | |
| TC\_1 | Test View Account List | 1. Login the system as Admin. 2. Click “Username” link. | “Quản lý tài khoản” page is displayed with the following informations:  - STT  - Tên đang nhập - Xử lý | Tested |  |
| **Ban Account** | | | | | |
| TC\_2 | Test Ban Account | 1. Login the system as Admin. 2. Click “username” link.  3. Click “Khóa” button. | “Xác nhận” popup is displayed with the information “Bạn thực sự muốn khóa tên đăng nhập này?” | Tested |  |
| TC\_3 | Test Ban Account Successfully | 1. Click “Chấp nhận” button | Change attribute IsActive(true) to IsActive(false)  Redirect to “Quản lý tài khoản” page | Tested |  |
| **Add Staff** | | | | | |
| TC\_4 | Test View Add Staff | 1. Login the system as Admin.  2. Click “Thêm nhân viên” link | “Thêm nhân viên” page is displayed with the following fields:  - Tên đăng nhập - Mật khẩu  - “Đăng kí” button | Tested |  |
| TC\_5 | Test Add Staff Successfully | 1. Insert staff’s username and password  2. Click “Đăng kí” button | Redirect to “Khóa tài khoản” page | Tested |  |
| TC\_6 | Test Add Staff With Blank Password Field | 1. Insert staff’s username  2. Leave empty password field  3. Click “Đăng kí” button | Error message will be displayed: “Vui lòng nhập mật khẩu”. | Tested |  |
| TC\_7 | Test Add Staff With Blank Username Field | 1. Insert staff’s password  2. Leave empty username field  3. Click “Đăng kí” button | Error message will be displayed: “Vui lòng nhập tên đăng nhập”. | Tested |  |

##### Manage Comment

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **View Comment Management** | | | | | |
| TC\_8 | Test Manage Comment View | 1. Login the system as Admin. 2. Click “Xóa bình luận” link. | “Xóa bình luận” page is displayed with the following fields:  - STT - Người bình luận  - Tiêu đề  - Nội dung  - Thời gian đăng  - Xử lý  - “Xóa” button | Tested |  |
| **Delete Comment** | | | | | |
| TC\_9 | Test Delete Comment | 1. Login the system as Admin. 2. Click “Xóa bình luận” link.  3. Click “Xóa” button. | “Xác nhận” popup is displayed with the information “Bạn thực sự muốn xóa lời bình này?” | Tested |  |
| TC\_10 | Test Delete Comment Successfully | 1. Click “Xóa” button | Delete comment out of database  Redirect to “Xóa bình luận” page | Tested |  |

#### Role ‘Staff’

#### Role ‘Customer’

##### Profile Management

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **View Profile** | | | | | |
| TC\_ | Test View Profile | 1. Login the system as Customer | “Thông tin” page is displayed with the following informations:  *“Cá nhân” tab:*  - Information table with:   * JoinDate   - Staff name  - Role “Khách hàng”  - Personal Image  *“Sửa thông tin” tab with following informations:*  - “Họ và tên” field  - “Số điện thoại” field  - “Email” field  - “Địa chỉ” field  - Personal Image  - “Cập nhật thông tin” button | Tested |  |
| **Edit Profile** | | | | | |
| TC\_ | Test Edit Profile View | 1. Login the system as Staff  2. Click “Sửa thông tin” link | “Sửa thông tin khách hàng” page is displayed with the following fields:  - Họ và tên - Số điện thoại  - Email  - Địa chỉ  - Ảnh đại diện  - “Cập nhật thông tin” button  - “Chọn hình” button | Tested |  |
| TC\_ | Test Edit Profile Successfully | 1. Login the system as Customer  2. Click “Sửa thông tin” link  3. Edit fullname, phone, email, personal image  4. Click “Cập nhật thông tin” button | Redirect to “Cá nhân” page | Tested |  |
| TC\_ | Test Edit Profile with blank phone field | 1. Login the system as Staff  2. Click “Sửa thông tin” link  3. Edit fullname, email, personal image  4. Leave empty blank “Số điện thoại” field  5. Click “Cập nhật thông tin” button | Error message will be displayed: “Vui lòng nhập số”. | Tested |  |
| TC\_ | Test Edit Profile with incorrect phone field | 1. Login the system as Staff  2. Click “Sửa thông tin cá nhân” link  3. Edit fullname, email, personal image  4. Edit “Số điện thoại” field with incorrect information.  5. Click “Cập nhật thông tin” button | Error message will be displayed: “Vui lòng nhập số”. | Tested |  |
| TC\_ | Test Edit Profile with blank email field | 1. Login the system as Staff  2. Click “Sửa thông tin” link  3. Edit fullname, email, personal image  4. Leave empty blank “email” field  5. Click “Cập nhật thông tin” button | Error message will be displayed: “Vui lòng nhập đúng định dạng abc@abc.abc”. | Tested |  |
| TC\_ | Test Edit Profile with incorrect email field | 1. Login the system as Staff  2. Click “Sửa thông tin” link  3. Edit fullname, email, personal image  4. Edit “email” field with incorrect information.  5. Click “Cập nhật thông tin” button | Error message will be displayed: “Vui lòng nhập đúng định dạng abc@abc.abc”. | Tested |  |

##### Recruitment Management

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **View Post JobRequest** | | | | | |
| TC\_ | Test Post Recruitmnet View | 1. Login the system as Customer  2. Click “Đăng yêu cầu tuyển việc” link | “Đăng yêu cầu tuyển việc” page is displayed with the following information fields:  - “Tiêu đề”  - “Các kĩ năng”  - “Thời hạn đăng”  - “Đăng yêu cầu” button | Tested |  |
| **Create Recruitment** | | | | | |
| TC\_ | Test Create Recruitment Successfully | 1. Login the system as Customer  2. Click “Đăng yêu cầu tuyển việc” link  3. Add all fields with correct information  4. Click “Đăng yêu cầu” button | Add information to database  Redirect to “Tin tìm người giúp việc” page | Tested |  |
| TC\_ | Test Create Recruitment with blank Title field | 1. Login the system as Customer  2. Click “Đăng yêu cầu tuyển việc” link  3. Leave empty blank “Tiêu đề” field  4. Click “Đăng yêu cầu” button | Error message will be displayed:  - “Vui lòng nhập tiêu đề”. | Tested |  |
| TC\_ | Test Create Recruitment with blank Skills field | 1. Login the system as Customer  2. Click “Đăng yêu cầu tuyển việc” link  3. Leave empty blank “Các kỹ năng” field  4. Click “Đăng yêu cầu” button | Error message will be displayed:  - “Vui lòng chọn kĩ năng”. |  |  |
| **Edit Recruitment** | | | | | |
| TC\_ | Test Create Recruitment Successfully | 1. Login the system as Customer  2. Click CustomerName link  3. Click “Chờ thuê” tab or “Tạm ẩn” tab or “Chưa kích hoạt” tab  4. Click Title link  5. Click “Sửa thông tin yêu cầu công việc” link  6. Add all fields with correct information  7. Click “Sửa yêu cầu” button | Edit information to database  Redirect to “Chi tiết tuyển người giúp việc” page | Tested |  |
| TC\_ | Test Create Recruitment with blank Title field | 1. Login the system as Staff  2. Click MaidName link  3. Click “Chờ thuê” tab or “Tạm ẩn” tab or “Chưa kích hoạt” tab  4. Click Title link  5. Click “Sửa thông tin tuyển người giúp việc” link  6. Leave empty blank “Tiêu đề” field  7. Click “Sửa yêu cầu” button | Error message will be displayed:  - “Vui lòng nhập tiêu đề”. | Tested |  |
| TC\_ | Test Create Recruitment with blank Skills field | 1. Login the system as Staff  2. Click MaidName link  3. Click “Chờ thuê” tab or “Tạm ẩn” tab or “Chưa kích hoạt” tab  4. Click Title link  5. Click “Sửa thông tin tuyển người giúp việc” link  6. Leave empty blank “Các kỹ năng” field  7. Click “Sửa yêu cầu” button | Error message will be displayed:  - “Vui lòng chọn kĩ năng”. |  |  |
| **Statistic** | | | | | |
| TC\_ | Test Personal Statistic | 1. Login the system as Staff  2. Click “Thống kê” link | Redirect to “Thống kê các yêu cầu cá nhân”page with personal statistic chart | Tested |  |
| TC\_ | Test Request Statistic | 1. Login the system as Staff  2. Click “Thống kê” link  3. Click “Các yêu cầu” link | Redirect to “Thống kê các yêu cầu”page with request statistic chart | Tested |  |
| TC\_ | Test Income Statistic | 1. Login the system as Staff  2. Click “Thống kê” link  2. Click “Doanh thu” link | Redirect to “Thống kê doanh thu”page with income statistic chart | Tested |  |

##### Payment

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
|  | | | | | |
| TC\_ | Test Active by payment | 1. Login the system as Customer  2. Click CustomerName Link  3. Click Recruitment in “Chưa kích hoạt” tab.  4. Click “PayPal” button. | Redirect to “Paypal”page | Tested |  |
| TC\_ | Test Renewal recruitment | 1. Login the system as Customer  2. Click CustomerName box  3. Click Recruitment in “Hết hạn” tab.  4. Click “Gia hạn” button.  5. Click “PayPal” button on Modal | Redirect to “Paypal”page | Tested |  |
| TC\_ | Test Renewal recruitment on Recruitment detail page | 1. Login the system as Customer  2. Click CustomerName link  3. Click Recruitment in “Hết hạn” tab.  4. Click “Gia hạn” button.  5. Click “PayPal” button on Modal | Redirect to “Paypal”page | Tested |  |
| TC\_ | Test Renewal recruitment on Recruitment detail page | 1. Login the system as Customer  2. Click CustomerName link  3. Click Recruitment in “Chờ thuê” tab.  4. Click “Gia hạn” button.  5. Click “PayPal” button on Modal | Redirect to “Paypal”page | Tested |  |

##### Statistic

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **Statistic** | | | | | |
| TC\_ | Test Personal Statistic | 1. Login the system as Staff  2. Click “Thống kê” link | Redirect to “Thống kê các yêu cầu cá nhân”page with personal statistic chart | Tested |  |
| TC\_ | Test Request Statistic | 1. Login the system as Staff  2. Click “Thống kê” link  3. Click “Các yêu cầu” link | Redirect to “Thống kê các yêu cầu”page with request statistic chart | Tested |  |
| TC\_ | Test Income Statistic | 1. Login the system as Staff  2. Click “Thống kê” link  2. Click “Doanh thu” link | Redirect to “Thống kê doanh thu”page with income statistic chart | Tested |  |
| TC\_ | Test Personal Statistic | 1. Login the system as Staff  2. Click “Thống kê” link | Redirect to “Thống kê các yêu cầu cá nhân”page with personal statistic chart | Tested |  |

##### Apply JobRequest Management

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test case No** | **Test case** | **Input** | **Expected Result** | **Status** | **Note** |
| **View Apply JobRequest** | | | | | |
| TC\_ | Test Apply JobRequest View from Index | 1. Login the system as Customer  2. Click JobRequestName link in “Việc tìm người” tab.  3. Click “Thuê” button.  4. Choose a Recruitment type Radio button. Click “Đồng ý” button. | Redirect to “Chi tiết yêu cầu công việc”page | Tested |  |
| TC\_ | Test Apply JobRequest View from Profile | 1. Login the system as Customer  2. Click CustomerName link  3. Click RecruitmentName in “Chờ thuê” tab  4. Click Recruitment in “Những việc có thể hợp”  5. Click “Thuê” button.  6. Choose a Recruitment type Radio button. Click “Đồng ý” button. | Redirect to “Chi tiết yêu cầu công việc”page | Tested |  |
| TC\_ | Test Apply JobRequest with not choose Recruitment | 1. Login the system as Customer  2. Click JobRequestName link in “Việc tìm người” tab.  3. Click “Thuê” button.  4. Click “Đồng ý” button. | Redirect to “Chi tiết yêu cầu công việc”page with notifier “Chú ý! Chưa chọn đơn tuyển việc!” | Tested |  |

### Reference Test Cases:

The following test cases are referenced to: [CD\reports\Report5.docx](file:///C:\Users\PhuongND\AppData\Roaming\Microsoft\Word\reports\Report5.docx)

**Website Master:**

* Advertising Management
* Rank Managements

**Website Staff:**

* User Managements
* Advertise Management

**Stadium Staff:**

* Promotion Management

**Member:**

* Resend Active Account By Email
* Register
* Login/Logout
* Account Managements
* Send Feedback
* Review Stadium
* Rate Stadium
* Find Stadium

### Checklist

#### Checklist validation

N/A

#### Submission Checklist

N/A

### Other material (if any)

N/A