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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 - |

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**Report No.5: System Implementation & tTest (SIT)**

1. **Introduction**

This document describes how Hospital Finder system was implemented and tested, it also includes methods and technical issues to make the project run smoothly and achieve and expected business.

1. **Database relationship Diagrams**
2. **Screen shots / Perfomance measures**
3. **Test Plan**
4. **Features to be tested**
5. **Features not to be tested**
6. **Testing Tools and Environment**
8. **Test Cases**
   1. **Login**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Pre-Conditions** | **Test Case Procedure** | **Expected Output** | **Result** | **Test Date** | **Note** |
| LG001 | Check authentication of users. | Access the system at the address: http://localhost:18303/Account/Login | 1. Fill in the fields below:   * Email: Textbox (Required) * Password: Password (Required)   2. Click "Đăng nhập" button | Depending on account’s role, users will be automatically transfer to page:   * Administrator: Hospital list page * Hospital User: Hospital profile page | Passed | 02/02/2012 |  |
| LG002 | Email is blank | Access the system at the address: http://localhost:18303/Account/Login | 1. Fill in ‘’ field, let Email field blank.  2. Click "Đăng nhập" button | Display error message **CEM001**.  {0} “Email” |  |  |  |
| LG003 | Password is blank | Access the system at the address: http://localhost:18303/Account/Login | 1. Fill in Email field, let Password field blank.  2. Click "Đăng nhập" button | Display error message **CMS002**.  {0} “Mật khẩu” |  |  |  |
| LG004 | Email is not in valid format | Access the system at the address: http://localhost:18303/Account/Login | 1. Fill in Email and Password field with Email field is not in email formt  2. Click "Đăng nhập" button | Display error message **CEM005.**  {0} “Email” |  |  |  |
| LG005 | Email or Password is not valid | Access the system at the address: http://localhost:18303/Account/Login | 1. Fill in the fields below:   * Email: Textbox (Required) * Password: Password (Required)   2. Click "Đăng nhập" button | Display error message **SEM011.** |  |  |  |
| LG006 | System error | Access the system at the address: http://localhost:18303/Account/Login | 1. Click "Đăng nhập" button after filling valid Email and Password fields. | Display notification message on top of Email field with the content **SMS001**. |  |  |  |
| LG007 | Remember account | Access the system at the address: http://localhost:18303/Account/Login | 1. Enable “Ghi nhớ đăng nhập” checkbox  2. Fill in Email and Password field with valid information.  3. Click "Đăng nhập" button  4. Exit browser  5. Access login page for Administrator and Hospital User | Automatically logging in the system and transfer to appropriate page according to account’s role |  |  |  |
| LG008 | Disable Login page | Access the system at the address: http://localhost:18303/Account/Login | 1. Enable “Ghi nhớ đăng nhập” checkbox  2. Fill in Email and Password field with valid information.  3. Click "Đăng nhập" button  4. Click back button of browser | Cannot return to Login page |  |  |  |
| 0LG09 | Redirect to Login page | N/A | 1. Paste address of any page that required authenticated Aministrator or Hospital User account | Return to login page for Administrator and Hospital User |  |  |  |
| LG010 | Redirect to appropriate URL | Acess the system at the URL that required Aministrator or Hospital User account | 1. Fill in Email and Password field with valid information.  2. Click "Đăng nhập" button | Redirect to the page according to ‘ReturnUrl’ attribute of URL |  |  |  |
| LG011 | Redirect to forgot password page | Access the system at the address: http://localhost:18303/Account/Login | 1. Click on the URL "Quên mật khẩu?” | Redirect to forgot password page |  |  |  |
| LG012 | Check authentication of users. | Access the system at the address: http://localhost:18303 | 1. Click Facebook icon on the top right side of the page  2. Fill in valid Facebook email and passoword | Grant authorization for User |  |  |  |

* 1. **Change Password**
  2. **Reclaim Forgotten Password**
  3. **Search Hospital**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Pre-Conditions** | **Test Case Procedure** | **Expected Output** | **Result** | **Test Date** | **Note** |
| SH001 | Normal search function | Access the system at the address: http://localhost:18303/ | 1. Fill the query in searching field ad presss <Enter> or click “Tìm kiếm” button  2. The typed query is: “bệnh viện ở quận 5” | The list of hostpitals and detailed information that location is in 5 District | Passed |  |  |
| SH002 | Location search function with current location | Access the system at the address: <http://localhost:18303/> and click on “Tìm kiếm theo vị trí” tab | 1. Select “Vị trí hiện tại” option in “Tìm theo” dropdown list  2. Select distance option in “Bán kính” dropdown list.  3. Presss <Enter> or click “Tìm kiếm” button | The list of hospitals that distance from current location to each hospital’s location <= the option that user selected in “Bán kính” dropdown list | Passed |  |  |
| SH003 | Location search function with typing location | Access the system at the address: <http://localhost:18303/> and click on “Tìm kiếm theo vị trí” tab | 1. Select “Nhập địa chỉ” option in “Tìm theo” dropdown list  2. Fill the position in “Vị trí cần tìm” field  3. Select distance option in “Bán kính” dropdown list.  4. Presss <Enter> or click “Tìm kiếm” button | The list of hospitals that distance from typing location to each hospital’s location <= the option that user selected in “Bán kính” dropdown list | Passed |  |  |
| SH004 | Advanced seach function | Access the system at the address: <http://localhost:18303/> and click on “Tìm kiếm nâng cao” tab | 1. Selec option in “Tỉnh / Thành phố” dropdown list  2. Selec option in “Quận / Huyện” dropdown list  3. Selec option in “Tỉnh / Thành phố” dropdown list  4. Fill the condtion in “Triệu chứng” field  5. Presss <Enter> or click “Tìm kiếm” button | The list of hospitals with detailed information matched searching input | Passed |  |  |
| SH005 | Back button | Access the system at the address: <http://localhost:18303/> and search hospital | In search result page, click back button of browser | The back page with previous seaching query state | Failed |  |  |

* 1. **Import Hospital Using Excel**
  2. **Create Hospital**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Test Case Description** | **Pre-Conditions** | **Test Case Procedure** | **Expected Output** | **Result** | **Test Date** | **Note** |
| CH001 | Validate fields | Access the system at the address: http://localhost:18303/Hospital/AddHospital | 1. Don’t interact any field and click  “Xác nhận” button |  |  |  |  |

* 1. **reate Hospital User’s Account**
  2. **View Hospital Information**
  3. **Search Doctor <GU> <US>**
  4. **Create Appointment Online**
  5. **Cancel Appointment**
  6. **Feedback**
  7. **Comment**
  8. **Reply Comment**
  9. **Rating Hosptial**
  10. **Add New Doctor**
  11. **Search List of Doctor <HU>**
  12. **Search List of Hospital <AD>**
  13. **Update Doctor Information**
  14. **Upload Photo**
  15. **Update Hospital Information**
  16. **View List of Appointments**
  17. **View List of Feedbacks**
  18. **View List of Users**
  19. **Activate Users**
  20. **Deactivate Users**
  21. **View Hospital Statistics**
  22. **View System Statistics**

2. **Checklists**