|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  | | --- | --- | --- | --- | |  | | **MINISTRY OF EDUCATION AND TRAINING** | | | **FPT UNIVERSITY** | | |
| Capstone Project Document |
| Online Medical Consultant System |
| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  | | --- | --- | | **Group 02** | | | **Group member** | Trần Nguyên Tiến Sứ - Team Leader - SE60781  Trần Cao Danh - Team Member - SE60705 | | **Supervisor** | Mr. Nguyễn Huy Hùng | | **Ext. Supervisor** | N/A | | **Capstone Project code** | OMCS | | |
| * Ho Chi Minh City, 07 / 2014 – |

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1. System Implementation & Test (SIT)
   1. Introduction
      1. System Overview

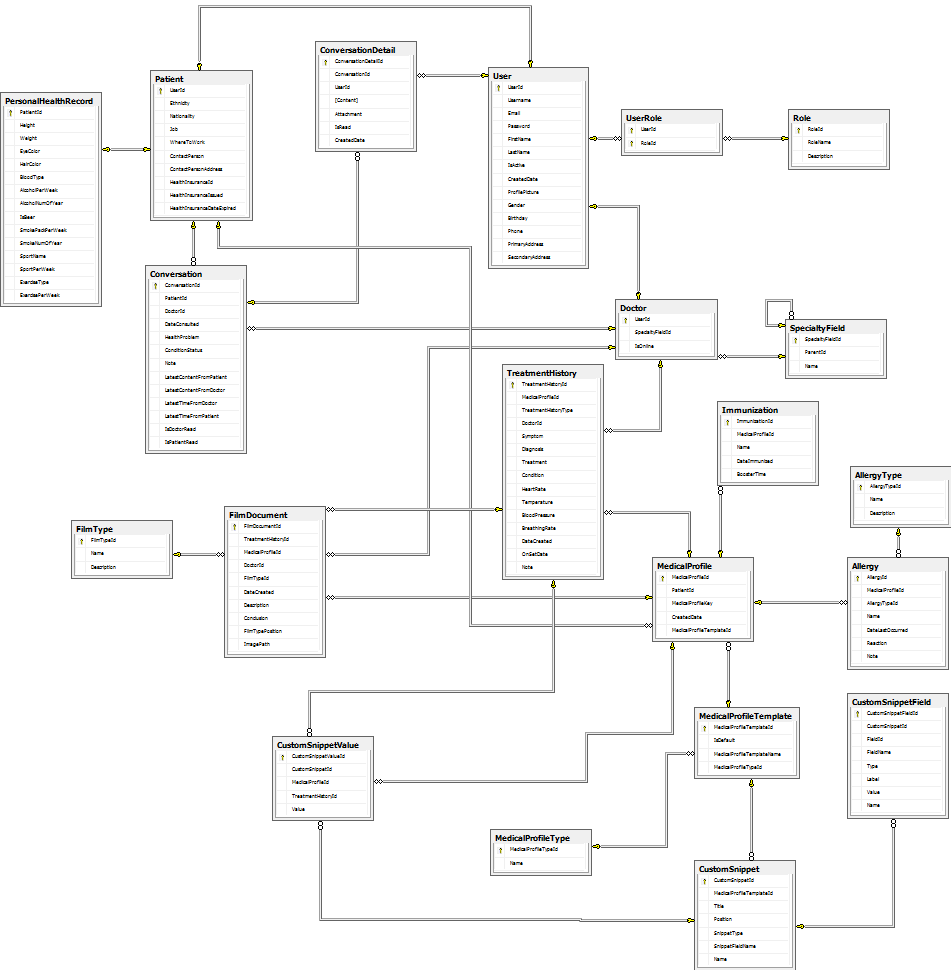
- The system is implemented using MVC architecture and comprises of three parts. The first one is used by the hospital admin to build medical profile templates, manage users. Second part is used by doctors to create medical profile for patients, update patient’s information. The last one is for patients to view their medical profiles, update information, get consulted.

* + 1. Test Approach

- Testing approach defines the scope and goals of testing phase. It describes the strategy for the test, what will be test and what will not, the method used for testing and how much resources are required to perform the test.

- Method: System Testing, Black-box Testing.

* 1. Database relationship diagram



* 1. Performance measures
  2. Test Plan
     1. Features to be tested
        1. <User> Login
        2. <User> Logout
        3. <User> Register
        4. <User> Homepage’s navigation
        5. <User> 404 page
        6. <User> Access Denied page
        7. <User> Remember me
        8. <User> Forget password
        9. <Patient> Edit patient information
        10. <Patient> Edit health record
        11. <Patient> View medical profile
        12. <Patient> Chatting
        13. <Patient> Attach files
        14. <Doctor> List patients
        15. <Doctor> Add patient
        16. <Doctor> Edit patient
        17. <Doctor> View patient
        18. <Doctor> List medical profiles
        19. <Doctor> Edit medical profile
        20. <Doctor> Doctor chatting
        21. <Doctor> Request webcam
        22. <Doctor> View medical profile structure
        23. <Admin> Edit hospital information
        24. <Admin> List patients
        25. <Admin> Add patient
        26. <Admin> Edit patient
        27. <Admin> List specialty fields
        28. <Admin> Edit specialty field
        29. <Admin> Add specialty field
        30. <Admin> List medical profile template
        31. <Admin> Add new medical profile template
        32. <Admin> Edit medical profile template
        33. <Admin> List film types
        34. <Admin> Add film type
        35. <Admin> Edit film type
        36. <Admin> List allergy type
        37. <Admin> Add allergy type
        38. <Admin> Edit allergy type
     2. Features not to be tested

N/A

* + 1. Testing Tools and Environment

IIS Express Server (this server comes with Visual Studio 2012)

Google Chrome 36.0

Mozilla Firefox 30.0

* 1. Test cases
     1. <User> Login
        1. Purpose
        2. Inputs

|  |  |  |
| --- | --- | --- |
| Username | Password | Role |
| Admin | 123456 | Admin |
| Doctor1 | 123456 | Doctor |
| Sutran | 123456 | User |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID | Test Case Description | Pre-Conditions | Test Case Procedure | Expected Output | Result | Test Date | Note |
| <User> Login. | | | | | | | |
| Steps 1. Go to Home index page  2. Click on “Đăng Nhập” anchor link | | | | | | | |
| [UL-01] | Test Login Page |  | Go to website homepage.  Click on “Đăng Nhập” link | [Login] page is displayed. The content includes:  Username (textbox)  Password (textbox)  “Đăng Nhập” button | Pass | 07/24/2014 | SuTNT |
| [UL-02] | Test Login Validation Blank Field |  | Go to [Login] page.  Don’t input information.  Click on “Đăng Nhập” button | Error message will be displayed: | Pass | 07/24/2014 | SuTNT |
| [UL-03] | Test Login As Admin Role Successfully |  | Go to [Login] page  Input “admin” for username field.  Input “123456” for password field.  Click on “Đăng Nhập” button. | Login successfully.  [Admin Home] page will be shown. | Pass | 07/24/2014 | SuTNT |
| [UL-04] | Test Login As Doctor Successfully |  | Go to [Login] page  Input “doctor1” for username field.  Input “123456” for password field.  Click on “Đăng Nhập” button. | Login successfully.  [Doctor] page will be shown. | Pass | 07/24/2014 | SuTNT |
| [UL-05] | Test Login As Patient Successfully |  | Go to [Login] page  Input “sutran” for username field.  Input “123456” for password field.  Click on “Đăng Nhập” button. | Login successfully.  [Patient] page will be shown. | Pass | 07/24/2014 | SuTNT |
| [UL-06] | Test Login with wrong username |  | Go to [Login] page.  Input “xvdsf” for username field.  Input “123456” for password field.  Click on “Đăng Nhập” button. | Error message will be displayed:  “Tên đăng nhập hoặc mật khẩu không đúng.” | Pass | 07/24/2014 | SuTNT |
| [UL-07] | Test Login with wrong password |  | Go to [Login] page.  Input “sutran” for username field.  Input “asd123” for password field.  Click on “Đăng Nhập” button. | Error message will be displayed:  “Tên đăng nhập hoặc mật khẩu không đúng.” | Pass | 07/24/2014 | SuTNT |

* + 1. <User> Logout
    2. <User> Register
    3. <User> Homepage’s navigation
    4. <User> 404 page
    5. <User> Access Denied page
    6. <User> Remember me
    7. <User> Forget password
    8. <Patient> Edit patient information
    9. <Patient> Edit health record
    10. <Patient> View medical profile
    11. <Patient> Chatting
    12. <Patient> Attach files
    13. <Doctor> List patients
    14. <Doctor> Add patient
    15. <Doctor> Edit patient
    16. <Doctor> View patient
    17. <Doctor> List medical profiles
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    31. <Admin> Edit medical profile template
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    33. <Admin> Add film type
    34. <Admin> Edit film type
    35. <Admin> List allergy type
    36. <Admin> Add allergy type
    37. <Admin> Edit allergy type