# Login



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| **USE CASE – UC001** | | | | |
| **Use-case No.** | UC001 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Login | | | |
| **Author** | Vu Nhat Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | High | |
| **Actor:** Guests  **Summary:** Guests use this case to login to the system.  **Goal:** Allow guests to login and gain priorities to use the system.  **Triggers:** Click “Đăng Nhập” button on browsers.  **Preconditions:** Access the website through browsers at the address: “[www.timkiembenhvien.vn](http://www.timkiembenhvien.vn)”.  **Post Conditions:**   * **Successful**: Actors are automatically transfer back to homepage.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Click “Đăng Nhập” button | Display login page that includes:   * Username: Textbox (required, min length: 2, max length: 32) * Password: Password (required) * Remember Me: Check box (optional) | | 2 | Enter Username and Password | Users is authorized to gain the priorities according to his/her role. The page automatically transfer to Homepage |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Click “Đăng Nhập bằng Facebook” button image | If actor has not login to Facebook in their device,  displays Facebook login page that includes:   * Email: Textbox (required) * Password: Password (required) * Remember Me: Check box (optional) | | 2 | Enter Email and Password | Actor is asked to authorize website permission to fetch their Facebook account’s information | | 3 | Accept permission | The page automatically transfer to Homepage |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Case** | **System response** | | 1 | Username is blank | Display: “Xin hãy nhập Tên Đăng Nhập.” | | 2 | Password is blank | Display: “Xin hãy nhập Password.” | | 3 | Email or Password is incorrect | Display: “Tên Đăng nhập hoặc Mật khẩu không hợp lệ. Vui lòng thử lại!” | | 4 | Hospital account is expired | Display “Tài khoản đã hết hạn sử dụng. Xin liên hệ quản trị viên để kích hoạt tài khoản.” |   **Relationships**: N/A  **Business Rules:** Users must enter valid login information. If not, they cannot gain priorities to use services from Hospital Finder. | | | | |

# Change Password



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| **USE CASE – UC002** | | | | |
| **Use-case No.** | UC002 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Login | | | |
| **Author** | Vu Nhat Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | Normal | |
| **Actor:** Users, Hospital Users  **Summary:** Actor use this case to change their account’s password.  **Goal:** Users and Hospital Users successfully change their password  **Preconditions:** Actor must meet the requirements of use case **UC001** (Login).  **Post Conditions:** Stored new password to database  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Clicks “Đổi password” button | Display change password page that includes:   * Password hiện tại: Password (required) * Password mới: Password (required) * Xác thực Password mới: Password (required) | | 2 | Fills all required fields | The system validates the entered passwords then change the account password to the new one, stores new password to database  Show messages: “Đổi password thành công” |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Case** | **System response** | | 1 | Password hiện tại is blank | Display: “Xin hãy nhập Password.” | | 2 | Password mới is blank | Display: “Xin hãy nhập Password.” | | 3 | Xác thực Password mới is blank | Display: “Xin hãy nhập Password.” | | 4 | Password hiện tại is incorrect | Display “Password bạn nhập vào không đúng.” | | 5 | Password mới and Xác thực Password mới do not match | Display “Password bạn nhập vào không trùng khớp.” |   **Relationships**: UC001  **Business Rules:** N/A | | | | |

# Reclaim forgotten password



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| **USE CASE – UC003** | | | | |
| **Use-case No.** | UC003 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Login | | | |
| **Author** | Vu Nhat Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | Normal | |
| **Actor:** Guest  **Summary:** Guests use this case to reclaim their password once forgotten  **Goal:** Actor receives his/her password by email  **Preconditions:** Access the website through browsers at the address: “[www.timkiembenhvien.vn](http://www.timkiembenhvien.vn)”.  **Post Conditions:** New password is sent to actor’s email  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Clicks “Quên password” button | Display Forgotten password page that includes:   * Email đăng ký: Textbox (required, regular expression: @"^([a-zA-Z0-9\_\-\.]+)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)|(([a-zA-Z0-9\-]+\.)+))([a-zA-Z]{2,4}|[0-9]{1,3})(\]?)$") * “Gửi lại” button (resend if actor isn’t received the email) | | 2 | Fills required field | The system validates the entered email then send the password that match with the email in database to the actor  Show messages: “Chúng tôi đã gửi password của bạn qua hộp mail bạn dùng để đăng nhập, xin vui lòng kiểm tra” | | 3 | Clicks “Gửi lại” | The system resend the email to actor’s login email |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Case** | **System response** | | 1 | Email đăng ký is blank | Display: “Xin hãy nhập Email bạn dùng để đăng ký tài khoản.” |   **Relationships**: N/A  **Business Rules:** Users must enter valid login information. If not, they cannot gain priorities to use services from Hospital Finder. | | | | |

# View Hospitals/Clinics Information



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| **USE CASE – UC001** | | | | |
| **Use-case No.** | UC001 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Login | | | |
| **Author** | Vu Nhat Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | High | |
| **Actor:** Guests  **Summary:** Guests use this case to view specific hospital/clinics information  **Goal:** Allow guests to view specific hospital/clinics information.  **Triggers:** Click to specific hospital/clinic name on browsers after using search function.  **Preconditions:** Used the search function to find group of hospitals/clinics  **Post Conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Clicks a specific hospital/clinic name | Display hospital/clinic information page that includes:   * Embed google map that shows the hospital/clinic location * “Đặt lịch hẹn” button * Tên bệnh viện * Rating trung bình * Địa chỉ * Số điện thoại * Fax * Email * Website * Description   On the right side displays list of users’ comments and rating |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships**: N/A  **Business Rules:** Actor must use the search engine to narrow down hospitals/clinics based on location, department, urgent needs, services | | | | |

# View list of users



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| **USE CASE – UC004** | | | | |
| **Use-case No.** | UC00 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View list of users | | | |
| **Author** | Vũ Nhật Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | Normal | |
| **Actor:** Administrator  **Summary:** Administrator accesses the system, uses Manage Accounts function and views a list of users that supports column sort, filter and paging  **Goal:** Display a list of users supporting column sort, filter and paging  **Triggers:** Click on “Xem Tài khoản” item on drop down menu “Quản lý tài khoản”.  **Preconditions:** Administrator must meet the requirements of use case **UC001** (Login).  **Post Conditions:** Administrator can use filter to sort the list and change page for more users  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Administrator is on “Xem Accounts” page | Displays list of Users form include   * Email column * Tên column * Họ column * Điện thoại column * Trạng thái (Active/Inactive) column * Vai trò column * Số trang (page number) (clickable, use to change page) * “Tiếp” button, “Quay lại” button | | 2 | Administrator sorts the list by clicking “Sắp xếp” dropdown button | Displays sort option (each option have two small option: “Từ trên xuống”, “Từ dưới lên”):   * Theo Email * Theo tên * Theo họ * Theo số điện thoại * Theo trạng thái * Theo vai trò | | 3 | Administrator filters the list by clicking “Lọc” dropdown button | Displays filter option:   * Theo “Vai trò” (Hospital Users, Users) * Theo “Trạng thái” (active/inactive) | | 4 | Administrator changes page by click “Tiếp” button, “Quay lại” button, Số trang (page number) button | Displays Administrator desired page |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships**: UC001  **Business Rules:** N/A | | | | |

# Create Feedback



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| **USE CASE – UC004** | | | | |
| **Use-case No.** | UC00 | **Use-case Version** | | 1.0 |
| **Use-case Name** | User’s Feedback | | | |
| **Author** | Vũ Nhật Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | Normal | |
| **Actor:** Administrator  **Summary:** User accesses the system, uses Feedback function and sends a review for specific hospital/clinic or the system  **Goal:** Stored user’s feedback to database successfully  **Triggers:** Click on “Phản hồi” item on menu bar.  **Preconditions:** User must meet the requirements of use case **UC001** (Login).  **Post Conditions:** New feedback is stored in database  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | User goes to Phản hồi page | Displays two option (using radio button):   * Phản hồi bệnh viện with a dropdown list which display list of hospital/clinic * Phản hồi hệ thống | | 2 | User chooses Feedback type | Directs User to Feedback form | | 3 | User fills Feedback form | Displays feedback creation form include:   * Nội dung: Textfield (required, regular expression: @"^ ([a-zA-Z0-9\_\-\.]+)@((\[[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3}\.)|(([a-zA-Z0-9\-]+\.)+))([a-zA-Z]{2,4}|[0-9]{1,3})(\]?)$") | | 4 | User click “Gửi” button | Stores new feedback to database |   **Alternative Scenario:** N/A  **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Case** | **System response** | | 1 | “Nội dung” is blank | Displays: “Vui lòng nhập nội dung.” |   **Relationships**: UC001  **Business Rules:** N/A | | | | |

# View list of feedbacks



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| **USE CASE – UC004** | | | | |
| **Use-case No.** | UC00 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View list of Feedback | | | |
| **Author** | Vũ Nhật Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | Normal | |
| **Actor:** Administrator  **Summary:** Administrator accesses the system, uses View feedback function and views a list of feedback  **Goal:** Display a list of feedback supporting column sort, filter and paging. Administrator can click to the feedback to view detail review  **Triggers:** Click on “Xem Feedback” item on menu bar.  **Preconditions:** Administrator must meet the requirements of use case **UC001** (Login).  **Post Conditions:** Administrator can use filter to sort the list and change page, and can view feedback detail  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Administrator is on “Xem Feedback” page | Displays list of Feedback include   * ID (clickable) * Loại (Hospital/Clinic or System) * Ngày nhận * Số trang (page number) (clickable, use to change page) * “Tiếp” button, “Quay lại” button | | 2 | Administrator sorts the list by clicking “Sắp xếp” button | Displays sort option (each option have two small option: “Từ trên xuống”, “Từ dưới lên”):   * Theo ID * Theo loại * Theo ngày nhận | | 3 | Administrator filters the list by clicking “Lọc” button | Displays filter option:   * Theo loại * Theo ngày nhận * Theo tháng nhận * Theo năm nhận | | 4 | Administrator changes page by click “Tiếp” button, “Quay lại” button, Số trang (page number) button | Displays Administrator desired page | | 5 | Administrator view a specific feedback detail by click to ID | System directs to feedback’s content form includes:   * ID * Loại * Ngày nhận * Nội dung |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships**: UC001  **Business Rules:** N/A | | | | |

# Import list of hospitals or clinics by Excel



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| **USE CASE – UC004** | | | | |
| **Use-case No.** | UC00 | **Use-case Version** | | 1.0 |
| **Use-case Name** | Import hospital/clinic data | | | |
| **Author** | Vũ Nhật Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | Normal | |
| **Actor:** Administrator  **Summary:** Administrator accesses the system, uses Import hospital/clinic data function and select an pre-defined Excel spreadsheet to import to database  **Goal:** Stored new hospital/clinic data successfully  **Triggers:** Click on “Nhập dữ liệu bệnh viện” item on menu bar.  **Preconditions:** Administrator must meet the requirements of use case **UC001** (Login).  **Post Conditions:** New hospital/clinic data is stored into database  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Clicks on “Nhập dữ liệu bệnh viện” item on menu bar | Displays pop-up window for Administrator to choose an Excel spreadsheet | | 2 | Administrator choose an Excel spreadsheet and click “OK” button | System validates input data, then imports columns from Excel spreadsheet to database and throw back successful message |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Clicks on “Cancel” button on pop-up window | Close pop-up windows |   **Exceptions:**   |  |  |  | | --- | --- | --- | | **No** | **Case** | **System response** | | 1 | Fields in spreadsheet incorrect | Displays: “Định dạng trong file Excel không phù hợp” | | 2 | The file is not in Excel format | Displays: “Đây không phải là file Excel” |   **Relationships**: UC001  **Business Rules:** N/A | | | | |

# View appointments



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| **USE CASE – UC004** | | | | |
| **Use-case No.** | UC00 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View list of appointments | | | |
| **Author** | Vũ Nhật Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | Normal | |
| **Actor:** Hospital Users  **Summary:** Administrator accesses the system, uses View appointments function and views a list of appointments  **Goal:** Display a list of appointments on Google Calendar  **Triggers:** Click on “Xem Appointments” item on menu bar.  **Preconditions:** Hospital User must meet the requirements of use case **UC001** (Login).  **Post Conditions:** System displays Embed Google Calendar on website  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Hospital User is on “Xem Appointments” page | Displays Embed Google Calendar with event tittle is Patient’s Last name + Patient’s First name + Phone number | | 2 | Hospital User clicks on specific event panel | Displays a pop-up with more details:   * “Họ” + “Tên” + “Số Điện thoại” * Ngày + giờ khám * Địa điểm * Email |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships**: UC001  **Business Rules:** N/A | | | | |

# View administrator statistics



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| **USE CASE – UC004** | | | | |
| **Use-case No.** | UC00 | **Use-case Version** | | 1.0 |
| **Use-case Name** | View administrator statistics | | | |
| **Author** | Vũ Nhật Anh Khoa | | | |
| **Date** | 27/05/2014 | **Priority** | Normal | |
| **Actor:** Administrator  **Summary:** Administrator accesses the system, uses View administrator statistics function and views a list of feedback  **Goal:** Display list of statistics and chart demonstrating website activities  **Triggers:** Click on “Xem Thống Kê” item on menu bar.  **Preconditions:** Administrator must meet the requirements of use case **UC001** (Login).  **Post Conditions:** N/A  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | **Step** | **Action** | **System response** | | 1 | Administrator is on “Xem Thống kê” page | Displays list of statistics include   * Tổng số người truy cập * Tổng số người dùng thông thường * Tổng số người dùng từ Bệnh viện * Charts display the three statistics above overtime (can display in various type of chart) * Tổng số comment * Tổng số feedback * Charts display the two statistics above overtime (can display in various type of chart) |   **Alternative Scenario:** N/A  **Exceptions:** N/A  **Relationships**: UC001  **Business Rules:** N/A | | | | |