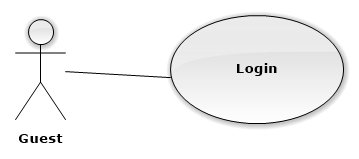
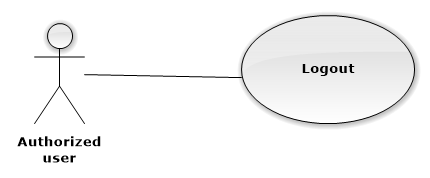
### List of Use Case

##### <User> Log in



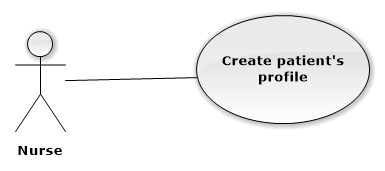
|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE - UCA01** | | | |
| **Use Case No.** | UCA01 | **Use Case Version** | 1.0 |
| **Use Case Name** | Log in | | |
| **Author** | QuanTD | | |
| **Date** | 28/09/2015 | **Priority** | Normal |
| **Actor:**   * Guest   **Summary:**   * This use case allows authorized user logging in system.   **Goal:**   * User can log in the system.   **Triggers:**   * User send the login command.   **Preconditions:**   * None.   **Post Conditions:**   * **Success:** User logged into system. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User goes to login view. | System require information:   * Username: free text input. * Password: free text input. | | 2 | User input information |  | | 3 | User send login command. | Guest will login system.  [Alternative 1]  [Exception 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Use input wrong information | System show error message. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Missing of required fields. | System notice user that input required fields. |   **Relationships:** none  **Business Rules:**   * Password are encrypted before sending to server. * After login to system, user will see suitable view basing their role. | | | |

##### <User> Log out



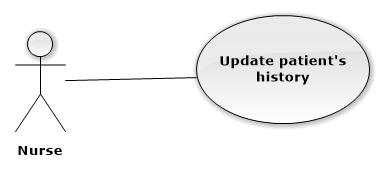
|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – UCA02** | | | |
| **Use Case No.** | UCA02 | **Use Case Version** | 1.1 |
| **Use Case Name** | Log out | | |
| **Author** | QuanTD | | |
| **Date** | 28/09/2015 | **Priority** | High |
| **Actor:**   * Authorized user.   **Summary:**   * This use case allows authorized user logging out of system.   **Goal:**   * User can see the main view of application.   **Triggers:**   * User send logout command. * User not available too long.   **Preconditions:**   * User must be logged in the system before.   **Post Conditions:**   * **Success:** Display login view. * **Fail:** Display login view.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User send log out command | Display login view. |   **Alternative Scenario:** none  **Exceptions:**  **Relationships:** none  **Business Rules:**   * If user not available longer than 5 minutes, they will see the login view when they be back. | | | |

##### <Nurse> Create patient’s profile



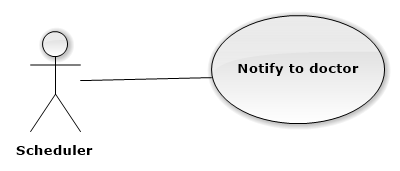
|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – UCA03** | | | |
| **Use Case No.** | UCA03 | **Use Case Version** | 1.0 |
| **Use Case Name** | Create patient profile | | |
| **Author** | QuanTD | | |
| **Date** | 28/09/2015 | **Priority** | High |
| **Actor:**   * Nurse.   **Summary:**   * This use case allows nurse to register new patient profile.   **Goal:**   * Patient profile is created.   **Triggers:**   * Nurse send create patient profile command.   **Preconditions:**   * Nurse must be logged in the system before.   **Post Conditions:**   * **Success:** Display success message. * **Fail:** Display error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Nurse send create patient profile command. | System require inputting information:   * Patient name: free text input. * Age: free text input. * Gender: option with male/female. * Weight: free text input. * Height: free text input. * Doctor: text input. * Status: free text input. | | 2 | Nurse input all required information  [Alternative 1]  [Exception 1] |  | | 3 | Nurse send register patient profile  [Exception 2] | Display message that profile has been created. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Nurse send cancel command. | Display main view. Profile is not created. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Not input required fields | System notice that user need to input all required field. | | 2 | Nurse send register command | System display error message that can’t create new patient profile. |   **Relationships:** none.  **Business Rules:**   * Patient name: text box’s length can’t be too long. * With old patient, nurse don’t need to create new patient profile. | | | |

##### <Nurse> Update patient’s history



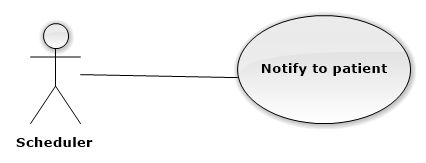
|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – UCA04** | | | |
| **Use Case No.** | UCA04 | **Use Case Version** | 1.0 |
| **Use Case Name** | Update patient’s history. | | |
| **Author** | QuanTD | | |
| **Date** | 28/09/2015 | **Priority** | High |
| **Actor:**   * Nurse.   **Summary:**   * This use case allows nurse to update new patient’s history.   **Goal:**   * New patient’s history is added into system.   **Triggers:**   * Nurse send updating patient’s history command.   **Preconditions:**   * Nurse must be logged in the system before.   **Post Conditions:**   * **Success:** Display success message. * **Fail:** Display error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Nurse find suitable patient. | Display suitable patient. | | 2 | Nurse send update patient’s history command. | System require information:   * Weight: free input text. * Height: free input text. * Clinical symptom | | 3 | Nurse input all require field  [Alternative 1]  [Exception 1] |  | | 4 | Nurse send update history command  [Exception 2] | Display message that new history record has been created. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Nurse send cancel command | Display main view. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Not input required fields | System notice that user need to input all required field. | | 2 | Nurse send update history command. | Display error message. |   **Relationships:** none.  **Business Rules:**   * Clinical symptom must be clearly, shortly. * Patient’s profile must be available before. | | | |

##### <Scheduler> Notify to doctor.



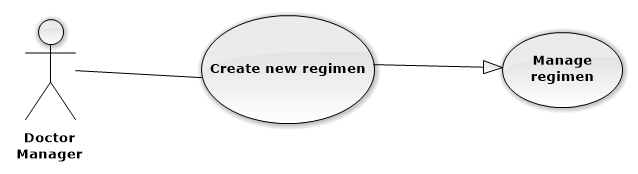
|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – UCA07** | | | |
| **Use Case No.** | UCA07 | **Use Case Version** | 1.0 |
| **Use Case Name** | Notify to doctor. | | |
| **Author** | QuanTD | | |
| **Date** | 24/09/2015 | **Priority** | High |
| **Actor:**   * Scheduler.   **Summary:**   * This use case allows doctor receiving notification.   **Goal:**   * Notification has been sent to doctor.   **Triggers:**   * Patient feedback to doctor about treatment.   **Preconditions:**   * Patient must be logged in the system before.   **Post Conditions:**   * **Success:** Doctor will receive notification. * **Fail:** Doctor won’t receive notification.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Patient send create feedback command | System require input field:   * Title: free text input. * Description: free text input. | | 2 | Patient send submit feedback command  [Alternative 1] | System receive feedback, then send notification to doctor.  [Exception 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Patient send cancel command | Display main view. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Patient send submit feedback command | System can’t receive feedback information, application display main view with error message. |   **Relationships:** This use case related to send feedback to doctor use case in mobile application.  **Business Rules:**   * Feedback should be shortly, clearly, but can’t be empty. | | | |

##### <Scheduler> Notify to patient.



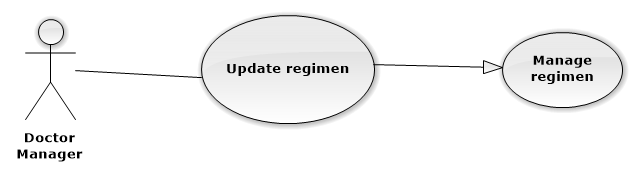
|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – UCA08** | | | |
| **Use Case No.** | UCA08 | **Use Case Version** | 1.0 |
| **Use Case Name** | Notify to patient. | | |
| **Author** | QuanTD | | |
| **Date** | 28/09/2015 | **Priority** | High |
| **Actor:**   * Scheduler.   **Summary:**   * This use case allows patient receiving notification.   **Goal:**   * Notification has been sent to patient.   **Triggers:**   * Doctor make new prescription or new appointment.   **Preconditions:**   * Doctor must be logged in the mobile application before.   **Post Conditions:**   * **Success:** Patient will receive notification. * **Fail:** Patient won’t receive notification.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Doctor send create appointment or prescription. | System require input fields:   * Appointment date: free text input. * Prescription detail content (medicine, food, practice) | | 2 | Doctor input require field  [Exception 1] | System notice doctor that need to input all required fields. | |  | Doctor send submit command  [Alternative 1] | System receive information, then send notification to patient. Display main view.  [Exception 2] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Doctor send cancel command | Display main view. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Doctor do not input require field | System notice doctor that need to input all required fields. | |  | Doctor send submit command | Display main view with error message that can’t send notification to patient. |   **Relationships:** This use case related to make prescription use case.  **Business Rules:**   * Doctor must check the appoinment, prescription before submit. * System should require doctor confirm about this. | | | |

##### <Doctor> Create new regimen



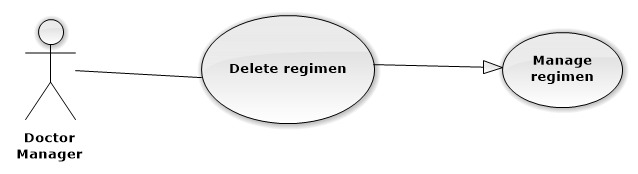
|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – UCA09** | | | |
| **Use Case No.** | UCA09 | **Use Case Version** | 1.0 |
| **Use Case Name** | Create new regimen | | |
| **Author** | QuanTD | | |
| **Date** | 28/09/2015 | **Priority** | High |
| **Actor:**   * Doctor Manager.   **Summary:**   * This use case allows doctor manager create new regimen.   **Goal:**   * Regimen for an illness is created.   **Triggers:**   * Doctor send create regimen command.   **Preconditions:**   * Doctor must be logged in the system before.   **Post Conditions:**   * **Success:** New regimen is created. * **Fail:** New regimen is not created.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Doctor send create new regimen command | System require input fields:   * Name of regimen. * Illness name. * Detail information of regimen (medicine, food, treatment) | | 2 | Doctor input all field.  [Exception 1] |  | | 3 | Doctor send submit command  [Alternative 1] | Display message that new regimen has been created.  [Exception 2] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Doctor send cancel command | Display main view. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Not input required fields | System notice doctor that need to input all required fields. | | 2 | Doctor send submit command | Display error page with message: “System has getting error. Please try again later”. |   **Relationships:** none.  **Business Rules:**   * Name of regimen must not equal any available regimen on system. * Doctor manager should confirm about detail information before submitting. | | | |

##### <Doctor> Update regimen



|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – UCA10** | | | |
| **Use Case No.** | UCA10 | **Use Case Version** | 1.0 |
| **Use Case Name** | Update regimen | | |
| **Author** | QuanTD | | |
| **Date** | 28/09/2015 | **Priority** | High |
| **Actor:**   * Doctor Manager.   **Summary:**   * This use case allows doctor manager update current regimen.   **Goal:**   * Regimen for an illness is updated.   **Triggers:**   * Doctor send update regimen command.   **Preconditions:**   * Doctor must be logged in the system before.   **Post Conditions:**   * **Success:** The regimen has been updated with new info. * **Fail:** The regimen has not been updated.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Doctor manager send update regimen command | System require input field:   * Name of regimen. * Illness name. * Detail information of regimen (medicine, food, treatment) | | 2 | Doctor manager input required fields.  [Exception 1] |  | | 3 | Doctor send submit command  [Alternative 1] | Display message that new regimen has been created.  [Exception 2] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Doctor send cancel command | Display main view. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Not input required fields | System notice doctor that need to input all required fields. | | 2 | Doctor send submit command | Display error page with message: “System has getting error. Please try again later”. |   **Relationships:** none.  **Business Rules:**   * Name of regimen must not equal any available regimen on system. * Doctor manager should confirm about detail information before submitting. | | | |

##### <Doctor> Delete regimen



|  |  |  |  |
| --- | --- | --- | --- |
| **USE CASE – UCA11** | | | |
| **Use Case No.** | UCA11 | **Use Case Version** | 1.0 |
| **Use Case Name** | Delete regimen | | |
| **Author** | QuanTD | | |
| **Date** | 24/09/2015 | **Priority** | High |
| **Actor:**   * Doctor Manager.   **Summary:**   * This use case allows doctor delete a regimen.   **Goal:**   * Regimen is deleted.   **Triggers:**   * Doctor send delete regimen command.   **Preconditions:**   * Doctor must be logged in the system before.   **Post Conditions:**   * **Success:** The regimen has been deleted. * **Fail:** The regimen has not been deleted.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Doctor send delete command | System require doctor manager to confirm deletion | | 2 | Doctor send submit command  [Alternative 1]  [Exception 1] | System display main view with message that regimen has been deleted. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Doctor send cancel command | Display main view. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 2 | Doctor send submit command | Display error page with message: “System has getting error. Please try again later”. |   **Relationships:** none.  **Business Rules:**   * Doctor should confirm before the regimen has been deleted. | | | |