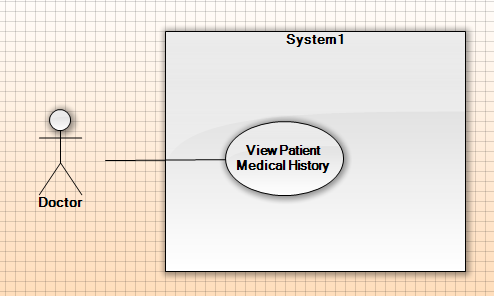
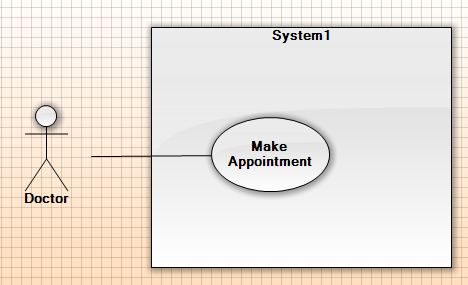
### List of Use Case

##### <Doctor> View Patient Medical History



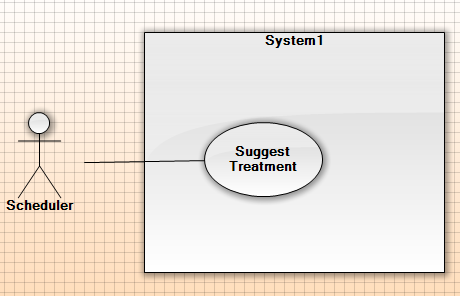
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| **USE CASE – UCA02** | | | |
| **Use Case No.** | UCA01 | **Use Case Version** | 1.1 |
| **Use Case Name** | View Patient Medical History | | |
| **Author** | AnhPN | | |
| **Date** | 23/09/2015 | **Priority** | High |
| **Actor:**   * Doctor.   **Summary:**   * This use case allows Doctor views medical history of patient.   **Goal:**   * Show medical history of patient for doctor.   **Triggers:**   * Doctor sends command to view medical history of patient request.   **Preconditions:**   * Doctor must be logged in the system before.   **Post Conditions:**   * **Success:** medical history of patient show for doctor. * **Fail:** Show error message   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | * Doctor goes to search view. | System requires identity information form Doctor.   * Search Name: free text input | | 2 | * Doctor inputs search information |  | | 3 | * Doctor send command to search patient request. | System display list patients have same name with search information  [Exception 1] | | 4 | * Doctor select name of patient |  | | 5 | * Doctor send command to view medical history of patient request. | System display list day of medical history of patient.  [Exception 2] | | 6 | * Doctor select day to view |  | | 7 | * Doctor send command to view day request. | System display medical history of patient in that day.  [Alternative 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | If the day to view is current day. | Show make prescription. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 |  | System shows error message “Can’t find patient’s name”. | | 2 |  | System shows error message “No record.” | |  |  |  |   **Relationships:** N/A  **Business Rules:**   * Search Name: text box’s length must be less than 50 characters. * Search name is empty or null, system must show list patients have appointment in day for doctor. * When doctor search, system will find patient in a list has all patients. | | | |

##### <Doctor> Make appointment.



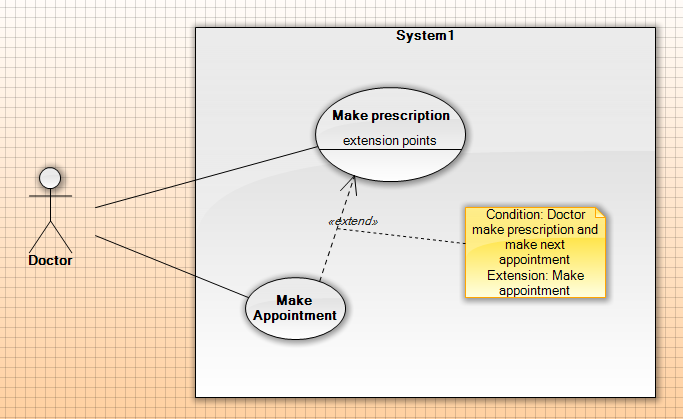
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| **USE CASE – UCA05** | | | |
| **Use Case No.** | UCA03 | **Use Case Version** | 1.0 |
| **Use Case Name** | Make appointment | | |
| **Author** | AnhPN | | |
| **Date** | 24/09/2015 | **Priority** | High |
| **Actor:**   * Doctor.   **Summary:**   * This use case allows doctor to make appointment with patient.   **Goal:**   * New appointment record is added into system.   **Triggers:**   * Doctor sends command to create appointment request.   **Preconditions:**   * Doctor must be logged in the system. * Doctor must find the patient before.   **Post Conditions:**   * **Success:** Show message “Make appointment success”. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | * Doctor goes to search view. | System requires identity information form Doctor.   * Search Name: free text input | | 2 | * Doctor inputs search information |  | | 3 | * Doctor send command to search patient request.. | System display list patients have same name with search information  [Exception 1] | | 4 | * Doctor select name of patient. |  | | 5 | * Doctor send command to view medical history of patient request. | System display list day of medical history of patient.  [Exception 2] | | 6 | * Doctor send command to make appointment request. | System show popup calendar.  [Alternative 1] | | 7 | * Doctor input day for appointment |  | | 8 | * Doctor send command to make appointment request. | System show message “Make appointment success.”  [Alternative 2]  [Exception 3] | |  |  |  |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | - Doctor send command to cancel request | Pop-up is disappear. | | 2 |  | System show error message “Make appointment fail.” | |  |  |  |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 |  | System shows error message “Can’t find patient’s name”. | | 2 |  | System shows error message “No record.” | | 3 |  | System shows error message “Invalid day.” | |  |  |  | |  |  |  |   **Relationships:** N/A.  **Business Rules:**   * Appointment date: must be in the future. Format day “dd/mm/yyyy”, ex: 25/09/2015. * Search Name: text box’s length must be less than 50 characters. * Search name is empty or null, system must show list patients have appointment in day for doctor.   When doctor search, system will find patient in a list has all patients. | | | |

##### <Scheduler> Suggest Treatment



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| **USE CASE – UCA02** | | | |
| **Use Case No.** | UCA02 | **Use Case Version** | 1.1 |
| **Use Case Name** | Suggest Treatment | | |
| **Author** | AnhPN | | |
| **Date** | 23/09/2015 | **Priority** | High |
| **Actor:**   * Scheduler.   **Summary:**   * This use case allows scheduler suggest treatment for doctor.   **Goal:**   * Show suggest treatment.   **Triggers:**   * Doctor send command to make prescription request.   **Preconditions:**   * Doctor must be logged in the system before. * Doctor must select patient.   **Post Conditions:** None  **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | * Doctor goes medical history of patient view. |  | | 2 | * Doctor send command to make prescription | System display patient information and suggest treatment information. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 |  |  |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 |  |  |   **Relationships:** N/A  **Business Rules:**   * Information patient must input before make prescription. * Regimen must be included in system. | | | |

##### <Doctor> Make prescription.



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| **USE CASE – UCA06** | | | |
| **Use Case No.** | UCA06 | **Use Case Version** | 1.0 |
| **Use Case Name** | Make prescription | | |
| **Author** | AnhPN | | |
| **Date** | 24/09/2015 | **Priority** | High |
| **Actor:**   * Doctor.   **Summary:**   * This use case allows doctor to make prescription to patient.   **Goal:**   * New prescription data is created.   **Triggers:**   * Doctor send command to make prescription request.   **Preconditions:**   * Doctor must be logged in the system before. * Doctor must select patient.   **Post Conditions:**   * **Success:** Display message that “Prescription has been created”. * **Fail:** Display error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | * Doctor goes to search view. | System requires identity information form Doctor.   * Search Name: free text input | | 2 | * Doctor inputs search information |  | | 3 | * Doctor send command to search patient request. | System display list patients have same name with search information  [Exception 1] | | 4 | * Doctor send command to make prescription request. | System display patient’s information and suggest treatment information.  [Exception 2] | | 5 | * Doctor input diagnostic, medicines, food, practice, Note, appointment date. | System required:  - Diagnostic: free text input, required, length 3-40.  - Medicines:  + Name of medicine: free text input, required, length 3-20.  + Number of times per day: free text input, required, length 3-10.  + Number of quantity per time: free text input, required, length 3-10.  - Food:  + Name of food: free text input, required, length 3-20.  + Time: 3 option, breakfast or lunch or dinner.  - Practice:  + Name of practice: free text input, required, length 3-20.  + Intensity: free text input, required, length 3-10.   * Appointment Date: default 1 week form current day, format day “dd/mm/yyyy/”, required. * Note: free text area. | | 6 | * Doctor send command to submit request. | System validate information, display popup request for confirmation.  [Exception 3,4] | | 7 | * Doctor send command to submit request. | System display popup finish treatment request for confirmation.  [Alternative 1] | | 8 | * Doctor send command to Yes request. | System create new prescription, send detail to android application, show message” Create new prescription success”. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Doctor send command to No request. | System create new prescription, send detail to android application, show message” Create new prescription success”. |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 |  | System shows error message “Can’t find patient’s name”. | | 2 |  | System shows error message “No record.” | | 3 | Doctor send command to submit request. | System shows error message to ask doctor input missing required fields | | 4 | Appointment date is a day past of current day. | System shows error message to notify doctor appointment date must before current day less 1 day. | | 5 |  |  |   **Relationships:** Suggest treatment.  **Business Rules:**   * Number of times per day: positive number. * Number of quantity per time: positive number. * Medicines: required. * Food: optional. * Practice: optional. | | | |