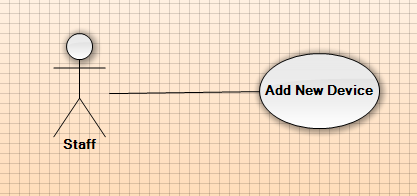
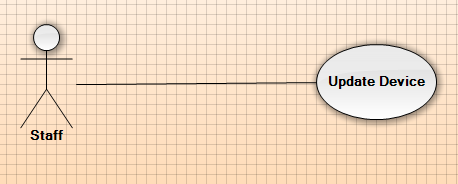
<Staff> Add New Device



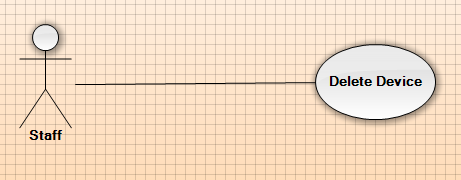
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| **USE CASE - UCA01** | | | |
| **Use Case No.** | UCA01 | **Use Case Version** | 1.1 |
| **Use Case Name** | Add New Device | | |
| **Author** | Ha Kim Quy | | |
| **Date** | 24/09/2015 | **Priority** | Normal |
| **Actor:**   * Staff   **Summary:**   * This use case allows staff can add new device to help system can read new wristband.   **Goal:**   * Patient can use many type wristband.   **Triggers:**   * Staff sends the add new device command.   **Preconditions:**   * Customer have to login with staff role.   **Post Conditions:**   * **Success:** Display list device page. * **Fail:** Error message displayed that wrong data input.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | * Staff click “Add Device” button | System requires input information:   * UUID have to start with “0000” | | 2 | * Staff input Brand Name, UUID Brand Name, UUID Number of Step, Position of Number of Step. * Staff click “Add” button | System will save new Device Information to database and open list device page for staff.  [Alternative 1]  [Exception 1] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Staff enter device had exist in system. | Display error message: “This device had added in system.” |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Missing of required fields | System notify staff to enter full field. |   **Relationships:** none  **Business Rules:**   * UUID have to right format of Bluetooth standard. * After add finish, staff will be redirected to list device page. | | | |

<Staff> Update Device



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| **USE CASE - UCA01** | | | |
| **Use Case No.** | UCA01 | **Use Case Version** | 1.1 |
| **Use Case Name** | Update Device | | |
| **Author** | Ha Kim Quy | | |
| **Date** | 24/09/2015 | **Priority** | Normal |
| **Actor:**   * Staff   **Summary:**   * This use case allows staff can update device if wristband had exist in system changed UUID.   **Goal:**   * Patient can use wristband if device chang UUID to save number of step.   **Triggers:**   * Staff sends the update device command.   **Preconditions:**   * Customer have to login with staff role. * Staff select a device exist in system.   **Post Conditions:**   * **Success:** Display list device page. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff go to manage device view | * Display list device supported. | | 2 | Staff edit one device information and select “Update” Icon | * System show list device supported page.   [Alternative 1]  [Exception 1, 2] |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | |  | . |  |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | User input wrong format of UUID | Display error message: “Wrong format UUID” | | 2 | Missing of required field | System notify staff to enter full field. |   **Relationships:** none  **Business Rules:**   * UUID have to right format of Bluetooth standard. * After add finish, staff will be redirected to list device page. | | | |

<Staff> Delete Device

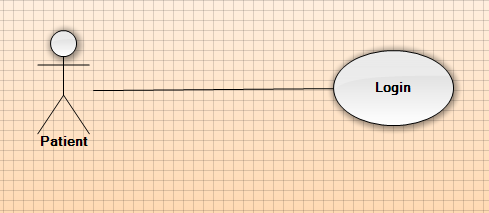


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| **USE CASE - UCA01** | | | |
| **Use Case No.** | UCA01 | **Use Case Version** | 1.1 |
| **Use Case Name** | Delete Device | | |
| **Author** | Ha Kim Quy | | |
| **Date** | 23/09/2015 | **Priority** | Normal |
| **Actor:**   * Staff   **Summary:**   * This use case allows staff delete device if device input wrong some information.   **Goal:**   * System remove some device had been input wrong.   **Triggers:**   * Staff sends delete device command.   **Preconditions:**   * Customer have to login with staff role.   **Post Conditions:**   * **Success:** Display list device page. * **Fail:** Show error message.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Staff go to manage device view. | * Display list device supported. | | 2 | Staff select “Delete Device” Icon | * Display new list device supported. * [Exception 1] |   **Alternative Scenario:** none  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Staff select “Delete Device” icon | Display error page with message: “System has getting error. Please try again later”. |   **Relationships:** none  **Business Rules:**   * Device have to exist in system. | | | |

<Scheduler> Get Data From Wristband

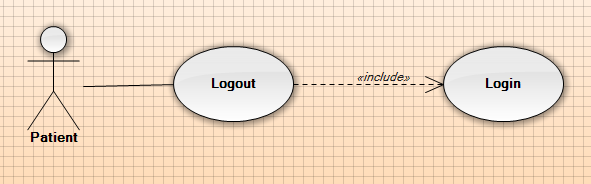
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| **USE CASE - UCA01** | | | |
| **Use Case No.** | UCA01 | **Use Case Version** | 1.1 |
| **Use Case Name** | Get Data From Wristband | | |
| **Author** | Ha Kim Quy | | |
| **Date** | 24/09/2015 | **Priority** | Normal |
| **Actor:**   * Authorized user (admin, staff, doctor, nurse)   **Summary:**   * This use case allows patient logging into system.   **Goal:**   * User can view the main page of web application.   **Triggers:**   * User input username and password on login page, then press “Log in”.   **Preconditions:**   * None.   **Post Conditions:**   * **Success:** Main page displayed. * **Fail:** Error message displayed that wrong username or password.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User input username and password, then press “Log in” button. | * Display main page if username and password are valid. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | User input username and password, then press “Log in” button. | Display error message: “Wrong username or password.” |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | User input username and password, then press “Log in” button. | Display error page with message: “System has getting error. Please try again later”. |   **Relationships:** none  **Business Rules:**   * The username is not empty or include whitespace, special character, max length is 20 characters. * The password is not empty or include whitespace, special character, max length is 20 characters. | | | |

<Patient> Login



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| **USE CASE - UCA01** | | | |
| **Use Case No.** | UCA01 | **Use Case Version** | 1.1 |
| **Use Case Name** | Log in | | |
| **Author** | Ha Kim Quy | | |
| **Date** | 23/09/2015 | **Priority** | Normal |
| **Actor:**   * Patient   **Summary:**   * This use case allows patient logging into system.   **Goal:**   * Patient can view the main page of android application.   **Triggers:**   * Patient input username and password on login page, then press “Log in”.   **Preconditions:**   * None.   **Post Conditions:**   * **Success:** Main page displayed. * **Fail:** Error message displayed that wrong username or password.   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User input username and password, then press “Log in” button. | * Display main page if username and password are valid. |   **Alternative Scenario:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | User input username and password, then press “Log in” button. | Display error message: “Wrong username or password.” |   **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | User input username and password, then press “Log in” button. | Display error page with message: “System has getting error. Please try again later”. |   **Relationships:** none  **Business Rules:**   * The username is not empty or include whitespace, special character, max length is 20 characters. * The password is not empty or include whitespace, special character, max length is 20 characters. | | | |

<Patient> Logout



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| **USE CASE - UCA01** | | | |
| **Use Case No.** | UCA01 | **Use Case Version** | 1.1 |
| **Use Case Name** | Logout | | |
| **Author** | Ha Kim Quy | | |
| **Date** | 24/09/2015 | **Priority** | Normal |
| **Actor:**   * Patient   **Summary:**   * This use case allows patient logout of system.   **Goal:**   * User can logout to change account or out of system.   **Triggers:**   * User select “Logout” button.   **Preconditions:**   * User must be logged in the system.   **Post Conditions:**   * **Success:** Display login layout. * **Fail:** Error message cannot logout system..   **Main Success Scenario:**   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Clicks on “Log out” button. | Display login page.  [Exception 1] |   **Alternative Scenario:** none  **Exceptions:**   |  |  |  | | --- | --- | --- | | No | Actor Action | System Response | | 1 | Click on “Log out” button | Display error page with message: “System has getting error. Please try again later”. |   **Relationships:** none  **Business Rules:** none | | | |