**Use case**

* **Use case 1:**
* Calculate BMI.

**Pre-conditions:**

* The users(doctors) already has the account and has logged in the system.

**Post-conditions:**

* The patients' BMI and health status are displayed

**Primary flow:**

* The users click “Calculate BMI” button.
* The system displays a dialog box to enter patient information to calculate BMI.
* The users input patients’ personal information (name, sex, email, age, height and weight). Then, they click “Calculate” button. After pressing the "Calculate" button, the system displays the patient's BMI and weight status

**Alternate flow:**

* When users input a patient’s height and weight that exceed the range (0 kg weight 1000 kg, 0 meter height 3 meters):
  + The system displays the message "Patient’s height and weight are not true. Please type again!" and the users must type again the proper patient’s height and weight.
* **Use case 2:**

**Use case name:**

* Add patient’s personal information to the management list.

**Pre-conditions:**

* The users(doctors) already has the account and has logged in the system.
* The users(doctors) already recorded one or more BMI.

**Post-conditions:**

* A list storing patient’s information about health status and BMI.

**Primary flow:**

* After calculating BMI, the system appears “Add list” button.
* When the users press “Add list” button, patient’s personal information (Name, Age, BMI and Condition) will be saved in the list.
* Users see the list that saves information at the category “List” in the Menu.
* After the patient’s personal information is saved, the system will send an email about patient’s BMI, health status and proper nutrition

**Alternate flow:**

* When new patient information added already exists in the list:
  + The system displays the message "This patient already exists in the list".
  + The system does not add this patient's information to the archive list.