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| **Use case Name** | Entering Measurement | |
| **Actor:** | New User | |
| **Description:** | This use case describes the event of an actor referred as new user entering their measurement into Fit for Me app. | |
| **Precondition:** | The actor has a valid user account in Fit for Me app | |
| **Cross Reference** |  | |
| **Step #** | **Actor** | **System** |
| **1** | The actor accesses Fit for Me |  |
| **2** |  | Displaying main GUI |
| **3** | Enter user name and password |  |
| **4** |  | Displaying user entry |
| **5** | Click Enter |  |
| **6** |  | Displaying homepage |
| **7** | Select measurements from drop down menu |  |
| **8** |  | Display input boxes with measurements |
| **9** | The actor enters all measurement details (weight, height, bust, natural waist, hips, thighs, calves, biceps) |  |
| **10** |  | The system calculates and provides BMI and stores all data |
| **Alternate Courses:** | The actor cancels entering measurements  The actor enters partial measurements | |
| **Assumptions:** | The related use cases, such as Personal Trainer updating measurements, is a separate use case and not in the scope of documentation deliverables for this term project. | |
| **Post Conditions:** | If the actor follows the typical course of events, the user measurements are saved in their profile and the system database has the information saved. | |
| **Remarks:** | This narrative use case format is based on the lecture notes, where the original format referenced is taken from Whitten & Bentley, 2007, pp. 386-387. | |

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| **Use case Name** | Keeping Track of Food Intake | |
| **Actor:** | User | |
| **Description:** | This use case describes the event of an actor referred as user entering their food intake into the Fit for Me app. | |
| **Precondition:** | The actor has a valid user account in Fit for Me app | |
| **Cross Reference** |  | |
| **Step #** | **Actor** | **System** |
| **1** | The actor accesses Fit for Me |  |
| **2** |  | Displaying main GUI |
| **3** | Enter user name and password |  |
| **4** |  | Displaying user entry |
| **5** | Click Enter |  |
| **6** |  | Displaying homepage |
| **7** | Select Food from drop down menu |  |
| **8** |  | Display input boxes to enter food items |
| **9** | The actor enters all food details (breakfast, lunch, dinner, snacks, drinks, water) |  |
| **10** |  | The system stores all data |
| **Alternate Courses:** | The actor cancels entering food  The actor enters partial food | |
| **Assumptions:** | The related use cases, such as Personal Trainer providing meal plans, is a separate use case and not in the scope of documentation deliverables for this term project. | |
| **Post Conditions:** | If the actor follows the typical course of events, the user food intake is saved for the day in their profile and the system database has the information saved. | |
| **Remarks:** | This narrative use case format is based on the lecture notes, where the original format referenced is taken from Whitten & Bentley, 2007, pp. 386-387. | |