**CS 4471: Use case Descriptions fully fleshed out**

| **Use Case Name:** | Generate Mood Data |
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| **Scenario** | Create a report based on the rating feeling data. |
| **Brief Description** | When a patient is ready to create a report for their visit, create an organized graph that displays the most recent 7 entries. |
| **Triggering Event** | Patient clicks on the app heading. |
| **Actors** | Patient, Therapist |
| **Related Use cases** | Read Mood data |
| **Stakeholders** | Patient |
| **Preconditions** | Patient must exist; their data must also exist |
| **PostConditions** | A bar graph should display the users’ last 7 entries. |
| **Flow of Activities** | **Actor**   1. Patient updates their data through: 2. Medication 3. Feeling data 4. Description   2. Patient looks at the date that they have an appointment and generates the report  3. Patient receives an organized report  4. Therapist should be able to read it.  **System**   1. Gather the data from the database. 2. Get the most recent entries. 3. Create the graph. 4. Post the graph. |
| **Exception conditions** | 1. No information should be generated if none exists. 2. If any actor does not exist, cease the operation. 3. The user (patient) should be able to delete the report. |

2.

| **Use Case Name:** | Read Medication List |
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| **Scenario** | User wants to see their medication lists. |
| **Brief Description** | Users should be able to read their medications from a list that states their specific entered information. |
| **Triggering Event** | The moment the user opens the page, they should be able to read the specific information. |
| **Actors** | Patient |
| **Related Use cases** | None |
| **Stakeholders** | Patient |
| **Preconditions** | Patient must exist; their medical dosage data must also exist |
| **PostConditions** | 1. Deleted or Updated entries should not be posted. |
| **Flow of Activities** | **Actor**   1. Patients update their medical dosage data. 2. Patient clicks the medication view. 3. Patient sees the medication view.   **System**   1. Receive the request. 2. Retrieve the call from the database. |
| **Exception conditions** | 1. Users should be able to opt out. 2. If no information exists, there should be an empty screen. |