**DATA 533 Project Step 1**
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The goal of our project is to develop a python package called **MedTrack** for medicine management, which will perform the following key features:

- Tracks and logs medication dosages taken by the patient.
- Sends reminders based on user-configured schedules.
- Manages and stores prescription details for patients, including medication names, dosages, and prescribing doctors.
- Maintains a detailed history of all medications prescribed and taken by a patient.

Sub-Package 1. Patient

Patient users can add medication logs, including details like medication name, type, strength, and frequency. The reminder module will send email/SMS reminders based on specified frequency, and user can mark the medication as taken/skipped to stop further reminders of the day.

Sub-Package 2. Doctor

Doctor users can create prescriptions, which may be linked to a medication log, and automatically send refill reminder and expiry alert to users. A doctor can also pull medication and prescription history of a patient and generate reports checking for potential drug interactions between prescribed medications.