1. **Project Description**
   a. Our project will find concerts for a person based on music preferences. We will use a Spotify API to get music preferences and a Ticketmaster API to get information on concerts. We will use a database for each user to store their name, furthest distance they're willing to travel for a concert, and current location. Using this information, we will then recommend concerts in the area based on the user's music preferences.
2. **Product Requirements**
   a. Goal: Create a personalized experience to connect users with concerts that align with their music tastes
   b. Non-goal: Allow users to purchase concert tickets within the platform.
   c. Non-functional requirement 1: Security
      i. Functional Requirements:
         1. Use OAuth authentication to log into Spotify
         2. Only the city is recorded as the users current location
   d. Non-functional requirement 2: Reliability
      i. Functional Requirements:
         1. Regularly update concert data from a Ticketmaster API
         2. Regularly sync with user profiles on Spotify to update music tastes
3. **Project Management**
   a. Theme: Satisfy users by providing a list of enjoyable concerts in the area.
   b. Epic: Concert Recommendations Alpha
   c. User Story 1: As a new user, I want to be able to use my Spotify account on a new website safely.
      i. Task: Use APIs securely
         1. Ticket 1: Safely store environment variables
            a. We need to make sure that our API keys aren't leaking on the web
         2. Ticket 2: Implement OAuth
            a. Implement OAuth login for spotify
   d. User Story 2: As a repeat user, I want to be able to see current/upcoming local concerts that match my Spotify preferences.
      i. Task: Provide tailored suggestions based on user preferences and location
         1. Ticket 1: Update nearby concerts regularly from Ticketmaster API that match user preferences.
         2. Ticket 2: Implement a system to fetch and update user music preferences from Spotify.