

-- CREATE TABLES

```
CREATE TABLE Users ( user_id NUMBER GENERATED BY DEFAULT ON NULL AS IDENTITY
PRIMARY KEY, name VARCHAR2(100), email VARCHAR2(100) UNIQUE, password
VARCHAR2(255), preferences CLOB );
```

```
CREATE TABLE Moods ( mood_id NUMBER GENERATED BY DEFAULT ON NULL AS
IDENTITY PRIMARY KEY, user_id NUMBER, mood VARCHAR2(50), log_time TIMESTAMP
DEFAULT CURRENT_TIMESTAMP, CONSTRAINT fk_moods_user FOREIGN KEY (user_id)
REFERENCES Users(user_id) );
```

```
CREATE TABLE Songs ( song_id NUMBER GENERATED BY DEFAULT ON NULL AS IDENTITY
PRIMARY KEY, title VARCHAR2(100), artist VARCHAR2(100), genre VARCHAR2(50),
mood_category VARCHAR2(50), tempo NUMBER );
```

```
CREATE TABLE Recommendations ( rec_id NUMBER GENERATED BY DEFAULT ON NULL
AS IDENTITY PRIMARY KEY, user_id NUMBER, song_id NUMBER, mood_id NUMBER,
rec_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP, CONSTRAINT fk_recommend_user
FOREIGN KEY (user_id) REFERENCES Users(user_id), CONSTRAINT fk_recommend_song
FOREIGN KEY (song_id) REFERENCES Songs(song_id), CONSTRAINT fk_recommend_mood
FOREIGN KEY (mood_id) REFERENCES Moods(mood_id) );
```

```
CREATE TABLE Feedback ( feedback_id NUMBER GENERATED BY DEFAULT ON NULL AS
IDENTITY PRIMARY KEY, user_id NUMBER, song_id NUMBER, rating NUMBER, comments
CLOB, feedback_time TIMESTAMP DEFAULT CURRENT_TIMESTAMP, CONSTRAINT
fk_feedback_user FOREIGN KEY (user_id) REFERENCES Users(user_id), CONSTRAINT
fk_feedback_song FOREIGN KEY (song_id) REFERENCES Songs(song_id) );
```

-- INSERT USERS

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INSERT INTO Users (name, email, password, preferences) VALUES ('Arihant Khaitan',
'arihant@example.com', 'pass123', '{"moods":["Relaxed","Happy"],"genres":["Lofi"]}');
INSERT INTO Users (name, email, password, preferences) VALUES ('Aditya Khandelwal',
'aditya@example.com', 'pass456', '{"moods":["Energetic"],"genres":["Pop"]}'); INSERT INTO
Users (name, email, password, preferences) VALUES ('Shaan Chandhok',
'shaan@example.com', 'pass789', '{"moods":["Sad"],"genres":["Classical"]}'); INSERT INTO
Users (name, email, password, preferences) VALUES ('Neha Singh', 'neha@example.com',
'neha123', '{"moods":["Peaceful"],"genres":["Ambient"]}'); INSERT INTO Users (name,
```

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email, password, preferences) VALUES ('Rahul Mehra', 'rahul@example.com', 'rahul456',  
'{"moods":["Angry","Energetic"],"genres":["Rock","Pop"]}');
```

```
-- INSERT MOODS
```

```
INSERT INTO Moods (user_id, mood) VALUES (1, 'Relaxed'); INSERT INTO Moods (user_id,  
mood) VALUES (2, 'Energetic'); INSERT INTO Moods (user_id, mood) VALUES (3, 'Sad');  
INSERT INTO Moods (user_id, mood) VALUES (4, 'Peaceful'); INSERT INTO Moods (user_id,  
mood) VALUES (5, 'Angry'); INSERT INTO Moods (user_id, mood) VALUES (1, 'Happy');  
INSERT INTO Moods (user_id, mood) VALUES (5, 'Anxious');
```

```
-- INSERT SONGS
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INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Nuvole Bianche',  
'Ludovico Einaudi', 'Classical', 'Relaxed', 60); INSERT INTO Songs (title, artist, genre,  
mood_category, tempo) VALUES ('Weightless', 'Marconi Union', 'Ambient', 'Relaxed', 55);  
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Nightfall', 'LoFi  
Chillhop', 'Lofi', 'Relaxed', 65);
```

```
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Chill Vibes', 'Lo-  
Fi Beats', 'Lofi', 'Happy', 70); INSERT INTO Songs (title, artist, genre, mood_category,  
tempo) VALUES ('Good Day', 'Nappy Roots', 'Pop', 'Happy', 85); INSERT INTO Songs (title,  
artist, genre, mood_category, tempo) VALUES ('Pocketful of Sunshine', 'Natasha  
Bedingfield', 'Pop', 'Happy', 90);
```

```
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Shake It Off',  
'Taylor Swift', 'Pop', 'Energetic', 120); INSERT INTO Songs (title, artist, genre,  
mood_category, tempo) VALUES ('Stronger', 'Kanye West', 'Electronic', 'Energetic', 130);  
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('The Nights',  
'Avicii', 'Electronic', 'Energetic', 128);
```

```
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Evening Lofi',  
'LoFi Chillhop', 'Lofi', 'Sad', 55); INSERT INTO Songs (title, artist, genre, mood_category,  
tempo) VALUES ('River Flows In You', 'Yiruma', 'Classical', 'Sad', 52); INSERT INTO Songs  
(title, artist, genre, mood_category, tempo) VALUES ('Let Her Go', 'Passenger', 'Pop', 'Sad',  
65);
```

```
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Time', 'Hans  
Zimmer', 'Classical', 'Peaceful', 58); INSERT INTO Songs (title, artist, genre,  
mood_category, tempo) VALUES ('Bliss', 'LoFi Nature', 'Ambient', 'Peaceful', 50); INSERT
```

```
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Weight of the World', 'Ambient Flow', 'Ambient', 'Peaceful', 57);
```

```
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Believer', 'Imagine Dragons', 'Rock', 'Angry', 130); INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Smells Like Teen Spirit', 'Nirvana', 'Rock', 'Angry', 125); INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Numb', 'Linkin Park', 'Rock', 'Angry', 110);
```

```
INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Lofi Anxiety Relief', 'LoFi Chillhop', 'Lofi', 'Anxious', 60); INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Reflections', 'Yiruma', 'Classical', 'Anxious', 58); INSERT INTO Songs (title, artist, genre, mood_category, tempo) VALUES ('Calm Down', 'Lo-Fi Relax', 'Lofi', 'Anxious', 62);
```

```
-- INSERT RECOMMENDATIONS
```

```
INSERT INTO Recommendations (user_id, song_id, mood_id) VALUES (1, 1, 1); INSERT INTO Recommendations (user_id, song_id, mood_id) VALUES (2, 7, 2); INSERT INTO Recommendations (user_id, song_id, mood_id) VALUES (3, 10, 3); INSERT INTO Recommendations (user_id, song_id, mood_id) VALUES (4, 13, 4); INSERT INTO Recommendations (user_id, song_id, mood_id) VALUES (5, 16, 5);
```

```
-- INSERT FEEDBACK
```

```
INSERT INTO Feedback (user_id, song_id, rating, comments) VALUES (1, 1, 5, 'Soothing and relaxing. '); INSERT INTO Feedback (user_id, song_id, rating, comments) VALUES (2, 7, 4, 'Really energetic beat! '); INSERT INTO Feedback (user_id, song_id, rating, comments) VALUES (3, 10, 4, 'Very emotional. '); INSERT INTO Feedback (user_id, song_id, rating, comments) VALUES (4, 13, 5, 'Calmed my nerves. '); INSERT INTO Feedback (user_id, song_id, rating, comments) VALUES (5, 16, 3, 'Great guitar work. ');
```