**Application Description**

**1. Tables**

The database consists of four main tables:

1. **Artists**: Stores information about artists, including their name and type (e.g., solo artist or band).
2. **Albums**: Stores information about albums, including the title, release year, and genre.
3. **Recordings**: Stores information about individual recordings (songs), including the title, duration, the artist, and the album.
4. **Genres**: Stores information about music genres (e.g., Rock, Pop, Jazz, Classical).

And three multivalued tables:

1. **Artist\_Album**: This table has ‘is-related-to’ relation. E.g. The Beatles (An Artist) is related to Abbey Road (An Album) because it’s made by them.
2. **Album\_Recording**: This table has ‘contains’ relation. E.g. Abbey Road (An Album) contains the song Come Together (A Recording).
3. **Recording\_Genre**: This table has ‘is-a’ relation. E.g. Come Together (A recording) is a Rock music (a Genre).

**2. Forms**

The application includes forms and subforms for each multivalued tables:

1. **Albums with Recordings**: It has a subform ‘Recording’. It also has buttons like Add, Delete, Save, Next, Previous, and Close Form.

Fields: Title, ReleaseYear.

Subform (Recording) fields: Title, Duration, StartTime, EndTime.

1. **Artists with Albums**: It has a subform ‘Albums’. It also has buttons like Add, Delete, Save, Next, Previous, and Close Form.

Fields: ArtistName, Type.

Subform (Albums) fields: Title, ReleaseYear, StartTime, EndTime.

1. **Albums with Recordings**: It has a subform ‘Genres’. It also has buttons like Add, Delete, Save, Next, Previous, and Close Form.

Fields: Title, Duration.

Subform (Genres) fields: GenreName, StartTime, EndTime.

**3. Reports**

The application includes reports to display data in a readable format:

1. **Albums and their Recordings**: Groups recordings by albums. It contains GenreName, Title, AlbumID, and ReleaseYear.
2. **Recordings and their Genres**: List genres by in a specific recording. It contains RecordingID, Title, and GenreName.
3. **Artists and their Albums**: Group albums by artist. It contains ArtistID, ArtistName, Type, Title, and ReleaseYear.

**Relationships**:

A screenshot of a computer screen

AI-generated content may be incorrect.