```mermaid
flowchart TD
    Start([Start])
    Start --> A[Open music app]
    A -->|Browse music| B[Select genre]
    B -->|Choose song| C[Play song]
    C -->|Add to playlist?| D{Add to playlist?}
    C -->|Stop playback| E[End session]
    D -->|Yes| F[Select playlist]
    D -->|No| G[Continue listening]
    F -->|Add song| G
    G -->|Search music| H[Enter search term]
    H -->|Select result| I[Play selected song]
    I -->|Like song?| J{Like song?}
    J -->|Yes| K[Add to favorites]
    J -->|No| L[Continue browsing]
    K --> L
    L -->|Share song?| M{Share song?}
    M -->|No| E
    M -->|Yes| N[Choose platform]
    N -->|Share song| E
```

Start

Open music app

Browse music

Select genre

Choose song

Play song

Add to playlist? — Stop playback

Add to playlist?

End session

Yes — No

Select playlist — Add song → **Continue listening**

Search music

Enter search term

Select result

Play selected song

Like song?

Like song?

Yes — No

Add to favorites → **Continue browsing**

Share song?

Share song?

No

Share song

Yes

Choose platform

Task Analysis

➤ Opening the Music App
➤ Browsing and Selecting a Genre
➤ Playing a Song
➤ Adding a Song to a Playlist
➤ Searching for a Specific Song
➤ Liking or Favoriting a Song
➤ Sharing a Song
➤ Ending the Session

Process Flow

1. Opening the Music App

Start	Start: User launches the music application.
Open App	Open App: The application opens to the main interface.

Flow: Start → Open App

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2. Browsing and Playing a Song

Browse Music	User browses the available music collection.
Select Genre	User selects a preferred music genre.
Play Song	The selected song starts playing.

Flow: Browse Music → Select Genre → Play Song

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3. Adding a Song to Playlist

Add to Playlist?	User is prompted to add the song to a playlist.
Select Playlist (If Yes)	User selects a playlist and adds the song.
Continue Listening (If No)	User continues listening without adding.

Flow: Play Song → Add to Playlist? → Select Playlist / Continue Listening

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4. Searching for a Song

Enter Search Term	User enters a search term to find a specific song.
Select Result	User selects a song from the search results.
Play Selected Song	The chosen song starts playing.

Flow: Enter Search Term → Select Result → Play Selected Song

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5. Liking and Sharing a Song

Like Song?	User decides whether they like the song.
Add to Favorites (If Yes)	The song is added to favorites.
Continue Browsing (If No)	User continues browsing for more music.
Share Song?	User decides whether to share the song.
Choose Platform (If Yes)	User selects a platform to share the song.
End Session (If No)	User ends the session.

Flow: Play Selected Song → Like Song? → Add to Favorites / Continue Browsing → Share Song? → Choose Platform / End Session