

| <u>Presentation</u> | <u>Logic</u> | <u>Persistence</u> |
|---|--|--|
| HomeFragment AccountFragment LibraryFragment PlaylistFragment ShareFragment SongFragment | AccessAccount AccessAlbum AccessSong | AccountPersistence AlbumPersistence PlaylistPersistence SongPersistence |

| <u>Objects</u> | |
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| <ul style="list-style-type: none"> - Account - Album - Song - Artist | <ul style="list-style-type: none"> - Genre - Playlist |

Melodia uses a three-layer architecture to organize the program.

The presentation layer contains all of the functionality that the user sees. This layer will deal with menu navigation, and getting input from the user to access and manipulate data.

The logic layer is in between the presentation and the persistence layer. This layer allows presentation and persistence to interact with each other without seeing the implementation details. The logic layer will interact with the persistence layer using interfaces.

The persistence layer contains all the data for the program. The implementation is hidden from both the logic and persistence layer. This layer should not interact directly with the presentation layer at all.