Implementation of Category List -

Display Category List Using Custom List View and Design it with the help of Material Design. (Ex. Category GIF, Name). When Click on Category, GIF/Name Redirect on Next Screen and Display Selected/Clicked Category GIF And Name.
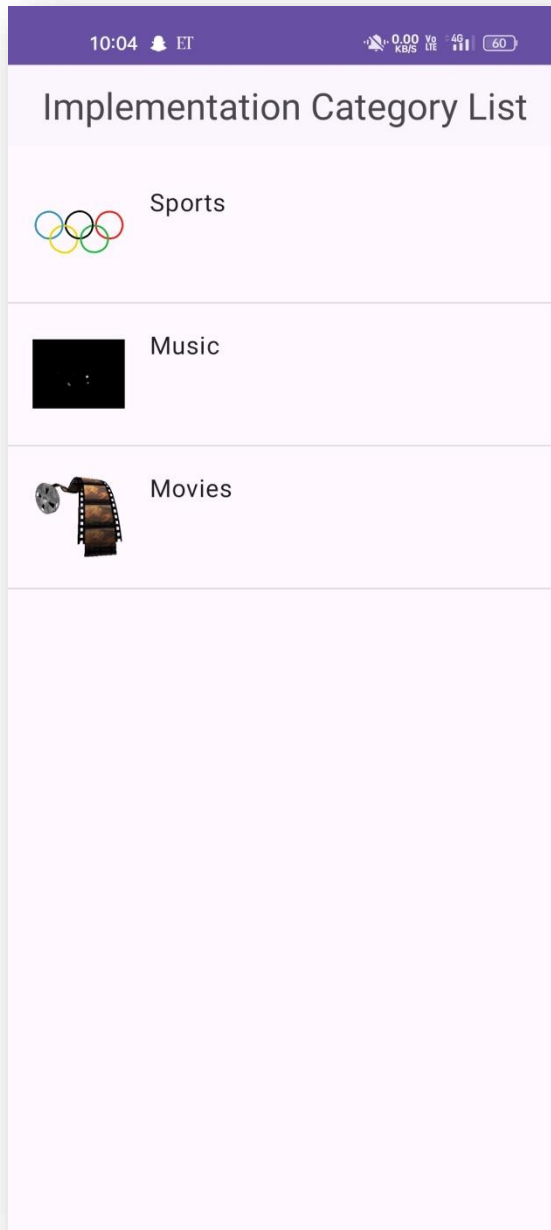
1. **Task Description**

   In this task, we implemented a **Category List** using a custom ListView designed with Material Design principles. Each list item displays a **GIF** and a **Name** for a specific category. When the user clicks on a category item, the **GIF** and **Name** of the selected category are passed to the next screen, where they are displayed.

   The goal was to create a visually appealing list of categories, allowing users to interact with items and view more details on a separate screen.
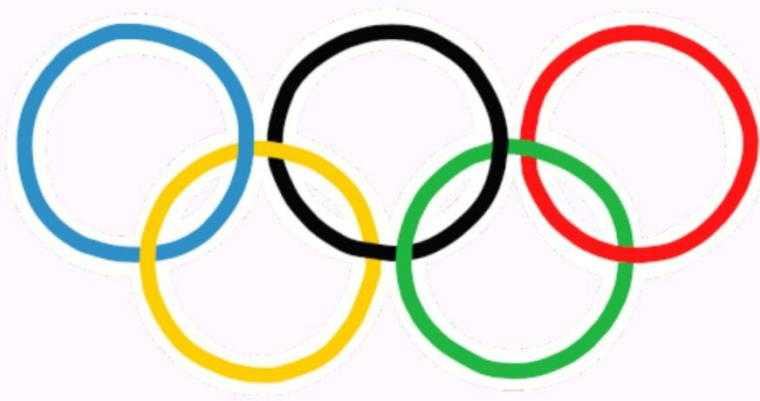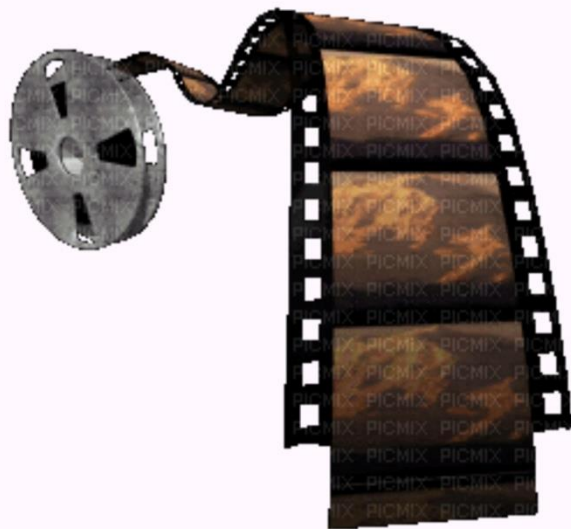
2. **Task Output Screenshot**

- **Screen: category List**

Music

Sports

Movies

3. Widget/Algorithm Used In Task

Widgets:

- **ListView**: The ListView widget is used to display a vertical scrollable list of categories, each containing a GIF and a Name.

- **Custom Adapter**: A custom adapter was implemented to bind the category data (GIF and Name) to the list items. The adapter is responsible for inflating the custom layout and setting the data.

- **ImageView**: The ImageView widget is used within the custom list item layout to display the category GIF. The GIFs are loaded using the **Glide** library for efficient handling of GIF content.

- **TextView**: The TextView widget is used to display the category names alongside the GIFs.

- **Intent & Bundle**: When a category is clicked, the Intent class is used to navigate to the next activity, and the selected category data (GIF URL and Name) is passed using a Bundle.