Project Vision and Scope

Project Name

- Necuiltonolli

Project Description

The Necuiltonolli is an Android mobile application designed to help users track, manage, and organize their personal collection of books, movies, TV shows, animes, and video games. This app allows users to maintain lists of items they've already read, watched, or played, and items they still need to complete. The app provides an easy and user-friendly way to catalog and filter media based on status (finished/unfinished) and type (book, movie, show, anime, game).

Target Audience

- General Media Consumers
- Age Range: 18-40
- Interests: Enjoy a wide variety of media, including books, movies, shows, anime, and games, but don't necessarily specialize in one area.
- Need: An all-in-one platform to organize, track, and filter their media consumption. They would appreciate the flexibility of the app in managing multiple types of media.

Project Scope

Project Overview:

The Necuiltonolli mobile application is designed to provide users with an efficient, user-friendly platform for managing their personal collections of books, movies, TV shows, animes, and video games. The app allows users to track their progress on items they've completed, are currently reading/watching/playing, and still need to finish. The application offers functionalities for adding, modifying, deleting, filtering, and categorizing these media items.

Project Objectives:

Collection Management:

- Users can add items to their collection (books, movies, shows, animes, games) with relevant details (title, category, status, etc.).
- Users can modify the details of an existing item (e.g., change status from "unfinished" to "finished").
- Users can delete items from their collection.

Categorization & Filtering:

- Organize the collection by categories (books, movies, shows, animes, and games).
- Allow users to filter their collection based on:
- Status (finished/unfinished)
- Category (book, movie, show, anime, game)
- Provide a search feature to find items quickly.

User Interface (UI):

- Design a clean, intuitive, and easy-to-navigate interface.
- Ensure that the app has an accessible UI for users of various age groups.
- Implement user-friendly forms for adding and editing media items.

Database & Data Persistence:

- Store the user's collection locally using a database (e.g., SQLite or Room).
- Ensure data integrity and smooth retrieval and updating of collection entries.

Future Enhancements:

- Option for cloud synchronization (for cross-device access).
- API integration for fetching additional data (e.g., media details like cover images, descriptions, etc., using APIs like TMDB for movies/shows or Google Books API for books).
- User authentication and profile management for personalized experience.

Project Deliverables:

Functional Mobile Application:

- Fully functional Android mobile application built using Android Studio.
- Core functionalities like adding, editing, deleting, and filtering items based on status and category.

User Documentation:

- Clear and concise user guide explaining how to use the app's features.
- In-app tutorial or onboarding process for new users.

Technical Documentation:

- A document detailing the architecture of the app.
- Database schema and any third-party API integrations.
- Code documentation to ensure maintainability and scalability.

In-Scope Features:

Media Categories:

- Books, Movies, TV Shows, Animes, and Video Games as distinct categories.

CRUD Operations:

- Create: Add new media items with details (title, category, status).
- Read: View collection, filter, and search functionality.
- Update: Modify media item details and status.
- Delete: Remove items from the collection.

Filtering and Sorting:

- Filter by status (finished/unfinished) and media type (book, movie, show, anime, game).
- Option to sort the collection by title, date added, or category.

Search Functionality:

- Allow users to search for specific titles in their collection.

Database Management:

- Local storage using SQLite or Room for persistence.
- Maintain the collection state even after app restart.

Out-of-Scope Features:

Cloud Synchronization (Initial Release):

- Cloud syncing to synchronize the collection across multiple devices will be a future enhancement.

User Authentication (Initial Release):

- Authentication via Google, Facebook, or other social media logins will be added later in the project.

Advanced API Integrations:

- Full API integration for fetching metadata like book summaries, movie posters, or game details will be considered for future versions.

Social Features:

- Features like sharing lists, recommendations, or social media integration are out of scope for this release.

Personalized Progress Tracking with Multi-Category Support

UVP: "Keep track of what you've finished and what's still on your list, across all your favorite media categories – books, movies, shows, animes, and games."

Why It's Unique: Many apps allow users to track one type of media but not across categories. Your app gives users a holistic view of their media consumption, letting them track all their activities in one place without switching between platforms. Users can track, filter, and update their progress on books, movies, animes, and games seamlessly.