



Music Finder App

A Flutter-based music discovery application

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Problem Statement

Create a Flutter application for android with app Concept of your choice but ensure it uses the following concepts

1. Widgets
2. Stateless and stateful widgets
3. Styling and Theming
4. Layouts and Views
5. Navigations
6. Gestures
7. Api Calling
8. Database
9. Firebase integration
10. Localization



Introduction

Music Finder is a Flutter-based mobile application that allows users to discover and search for songs using the Deezer API.

Key functionalities include:

- Searching songs based on keywords
- Dark & Light mode support
- Multi-language support
- Firebase integration for authentication
- User profile and settings management








Features

- ✓ Song Search: Fetches songs dynamically using Deezer API
- ✓ Dark/Light Mode: Users can toggle themes via Provider
- ✓ Localization: Supports multiple languages (English, Tamil, Hindi)
- ✓ Firebase Authentication: Secure login & user profile
- ✓ Settings Page: Customize app theme and language



Technology Stack

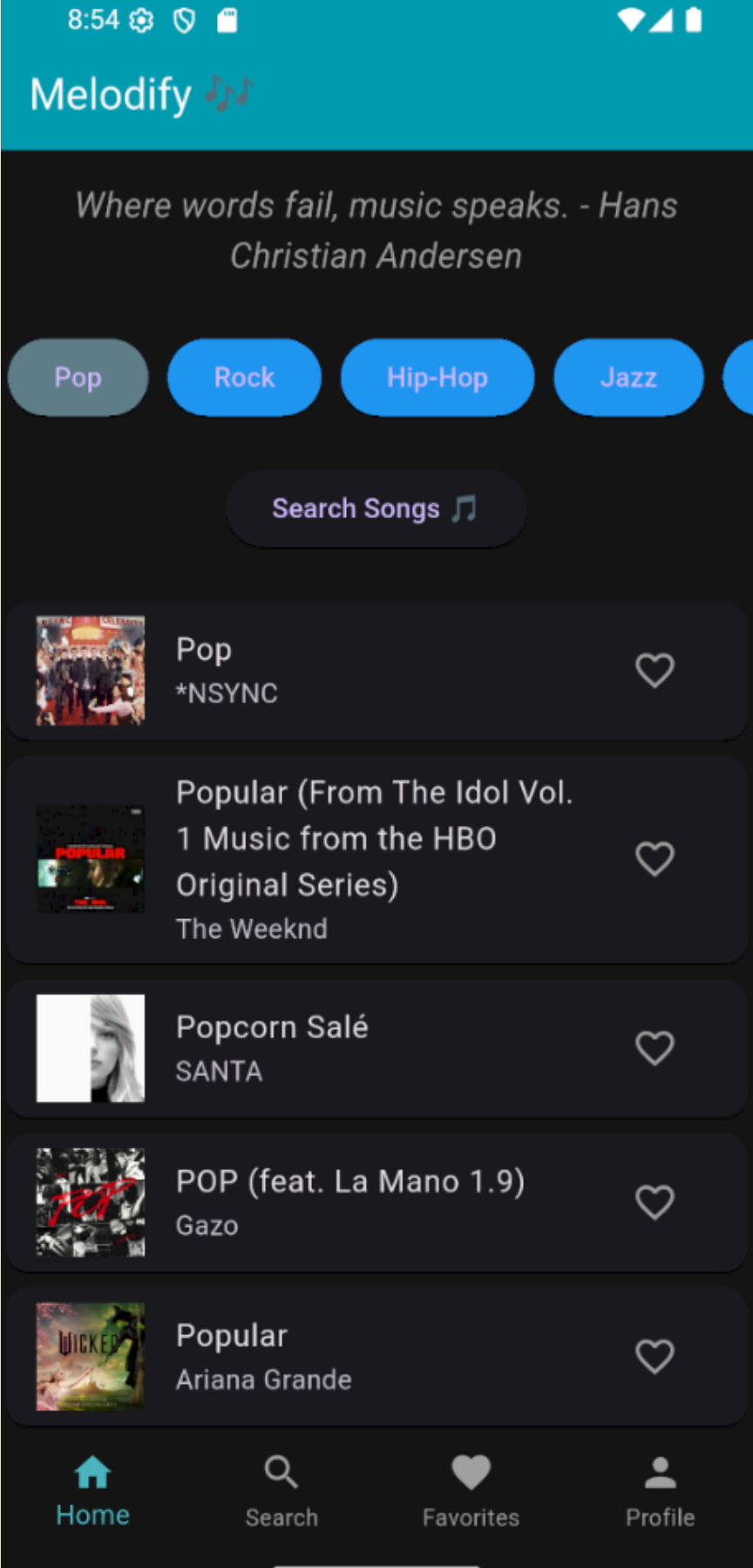
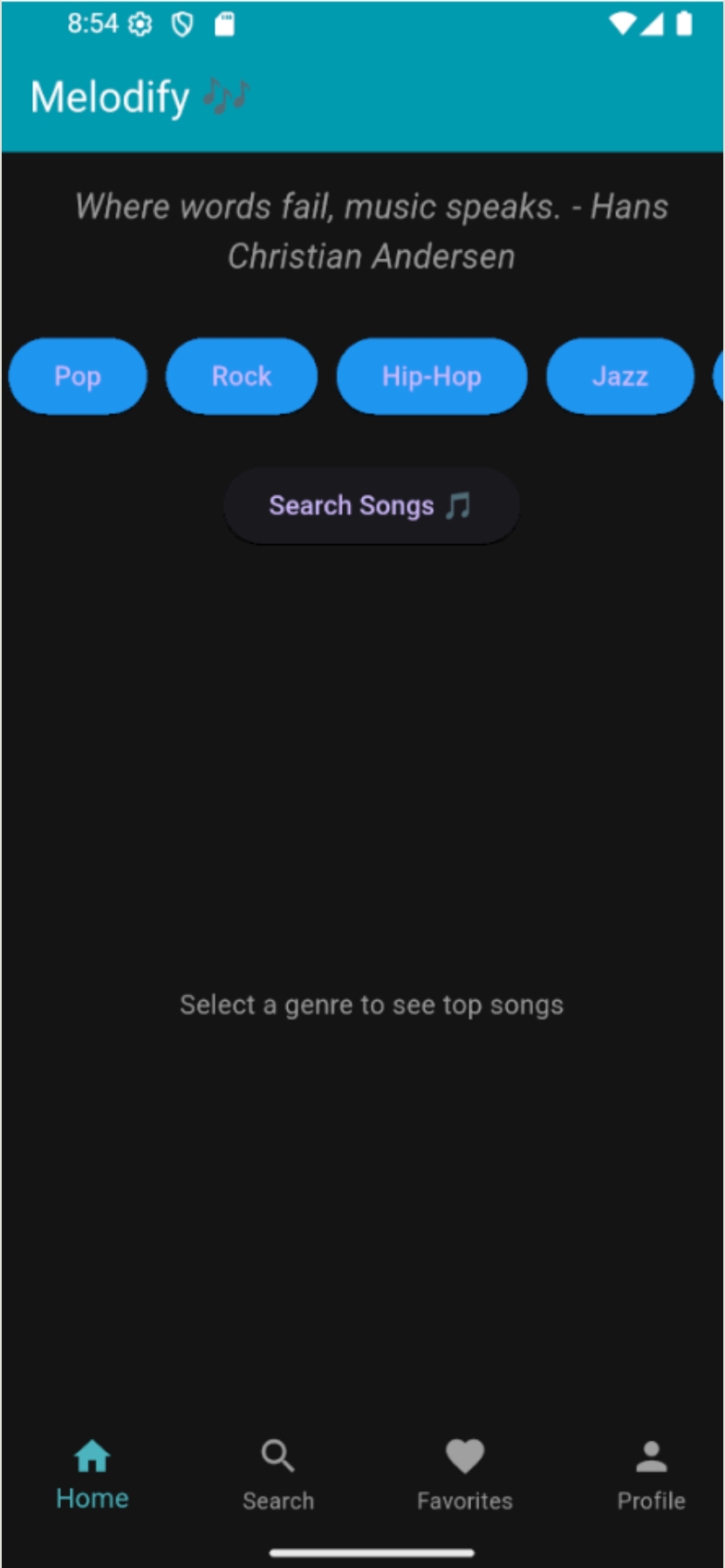
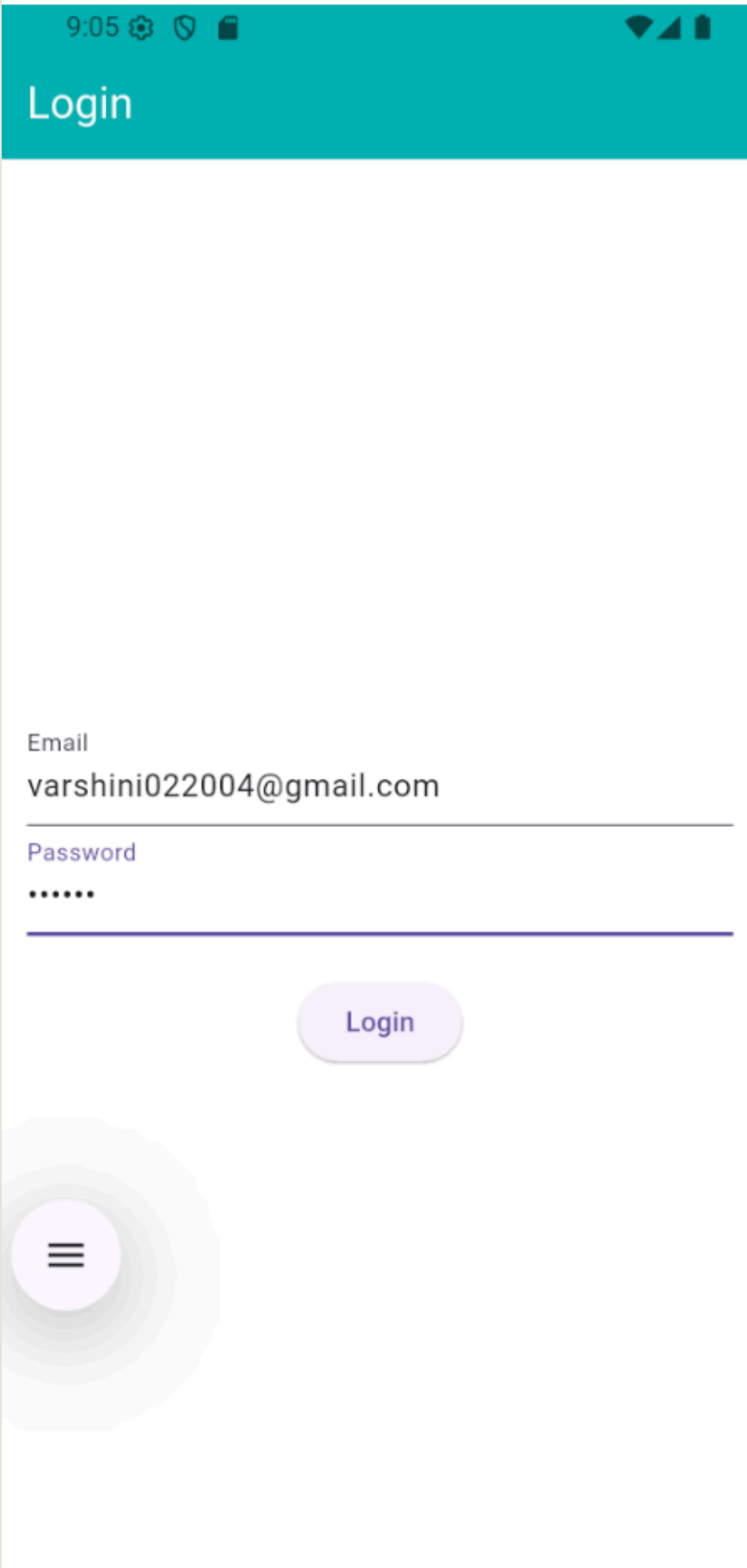
-  Frontend: Flutter (Dart)
-  API Integration: Deezer API (Music Data)
-  Backend: Firebase (Authentication & Storage)
-  State Management: Provider
-  Local Storage: Shared Preferences (Theme & Language)



UI/UX Design

- Home Page: Displays music quotes & search button
- Search Page: Allows users to find songs via Deezer API
- Favorites Page: Lists all the songs that were added
- Settings Page: Enables theme and language switching
- Profile Page: Displays user details & app preferences
- Navigation: Uses Flutter's built-in navigation & routing

Screenshots



Screenshots

8:55

Melodify

Search for a song

EMINEM

CURTAIN CALL

Lose Yourself
Eminem

RECYCLED

ONE DIRECTION

Love The Way You Lie
Eminem

EMINEM

THE MONSTER

The Monster
Eminem

EMINEM

THE MONSTER

Superman
Eminem

EMINEM

THE MONSTER

Without Me
Eminem

EMINEM

CURTAIN CALL

Mockingbird
Eminem

EMINEM

THE MONSTER

Godzilla
Eminem

Home

Search

Favorites

Profile

9:02

Lose Yourself

EMINEM

CURTAIN CALL

THE HITS

Lose Yourself
Artist: Eminem
Album: Curtain Call: The Hits

▶ Play Preview

9:02

Favorite Songs

ONE DIRECTION

RAVE IN THE RAIN

History
One Direction

JOEZI

REPLAY

Replay
Joezi

EMINEM

THE MONSTER

Love The Way You Lie
Eminem

EMINEM

THE MONSTER

The Monster
Eminem

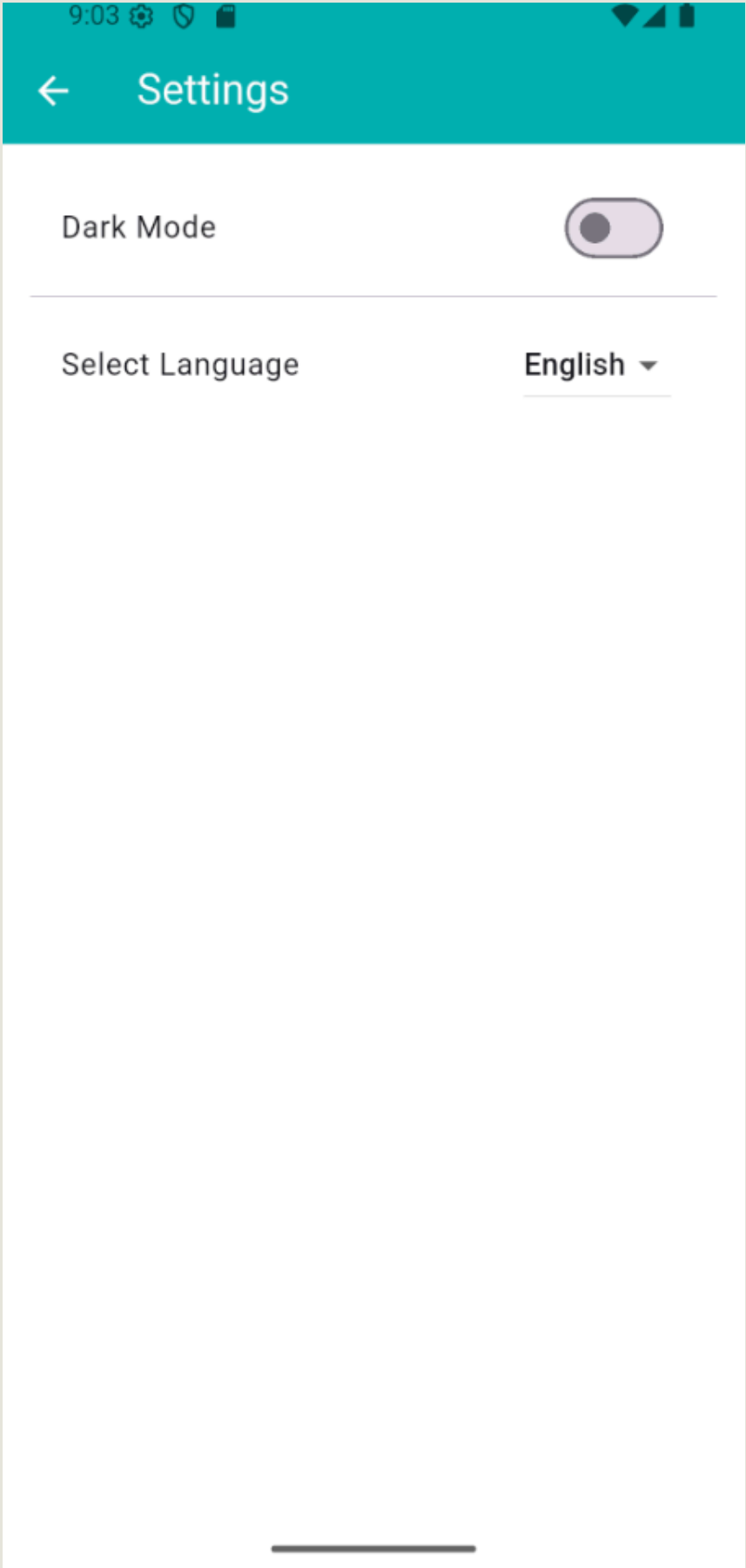
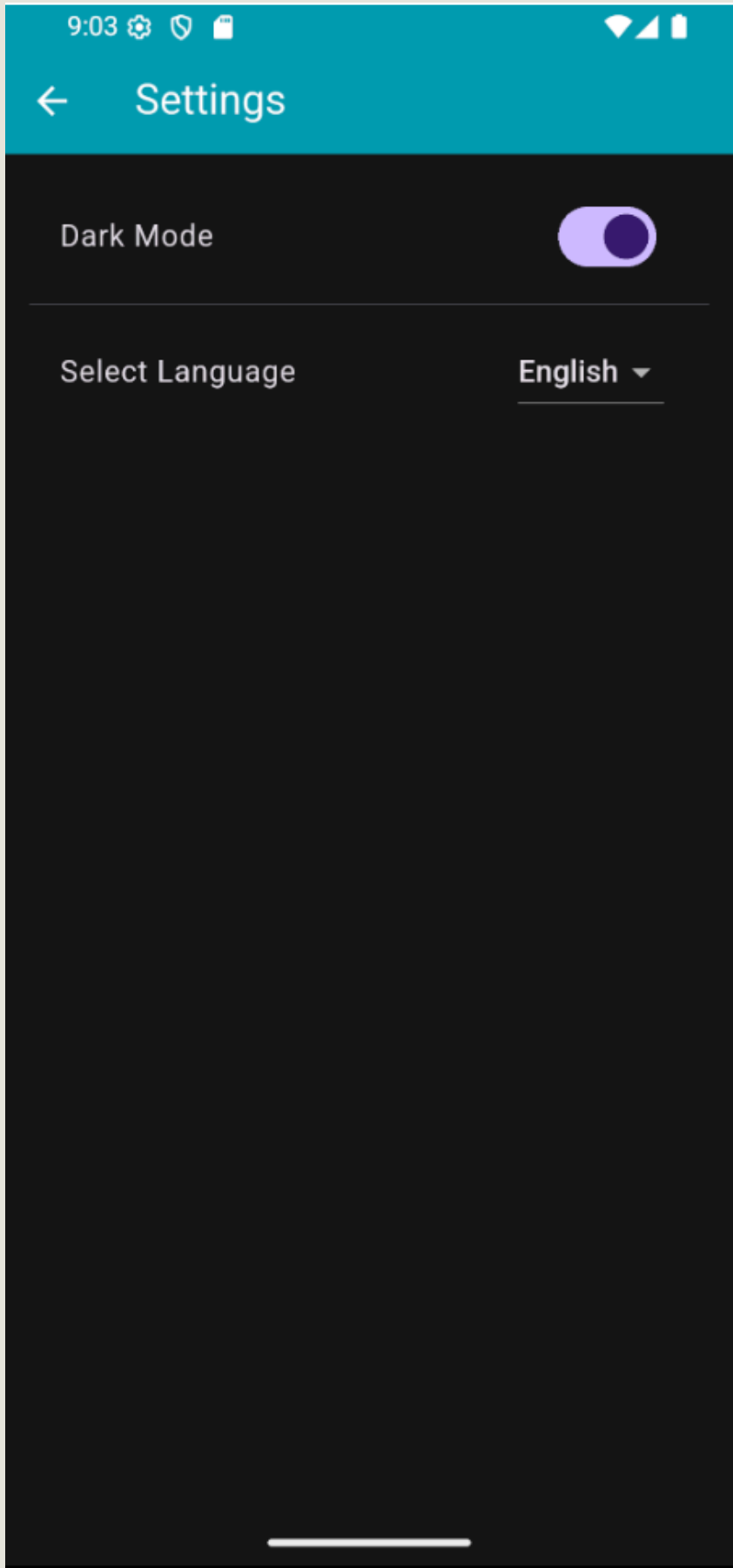
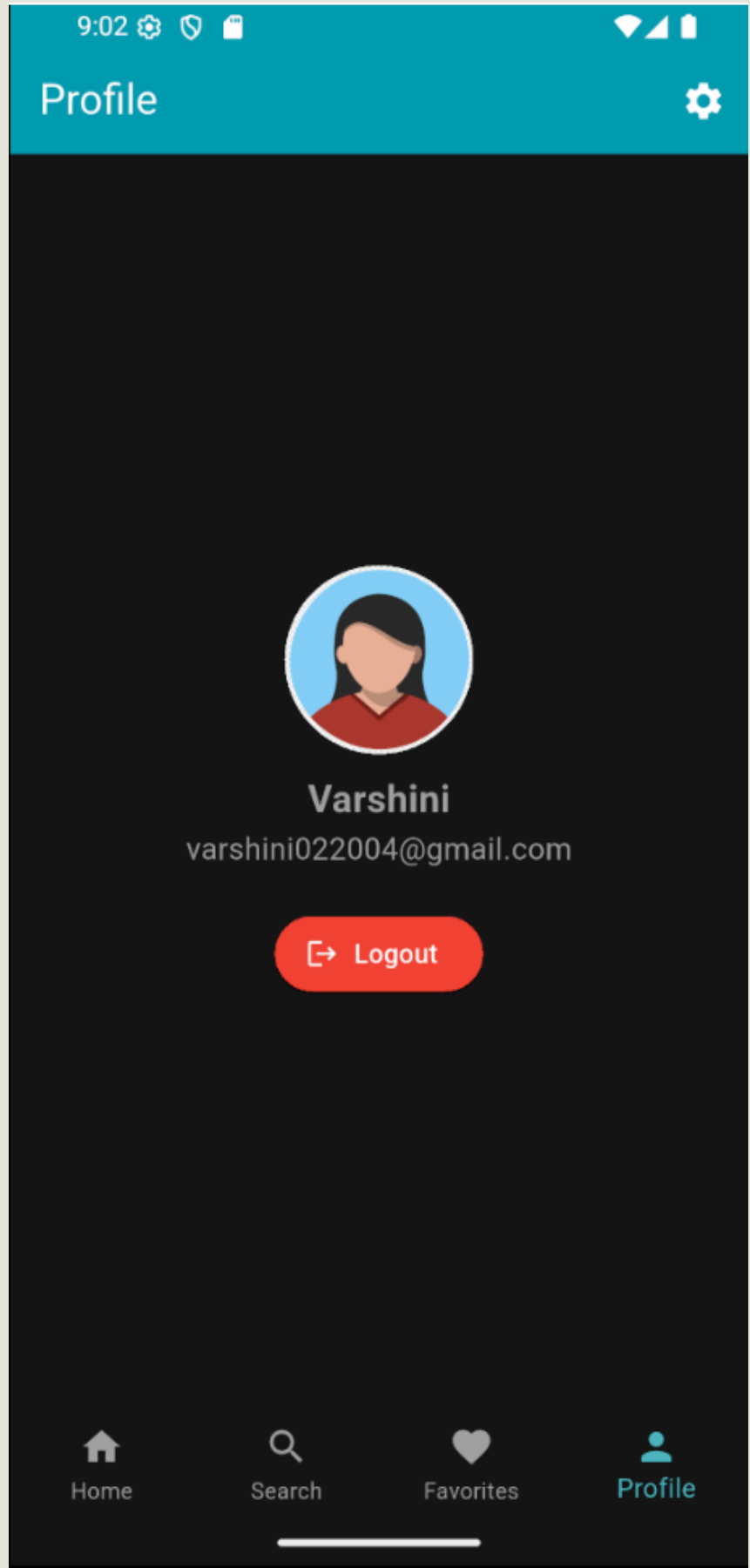
Home

Search

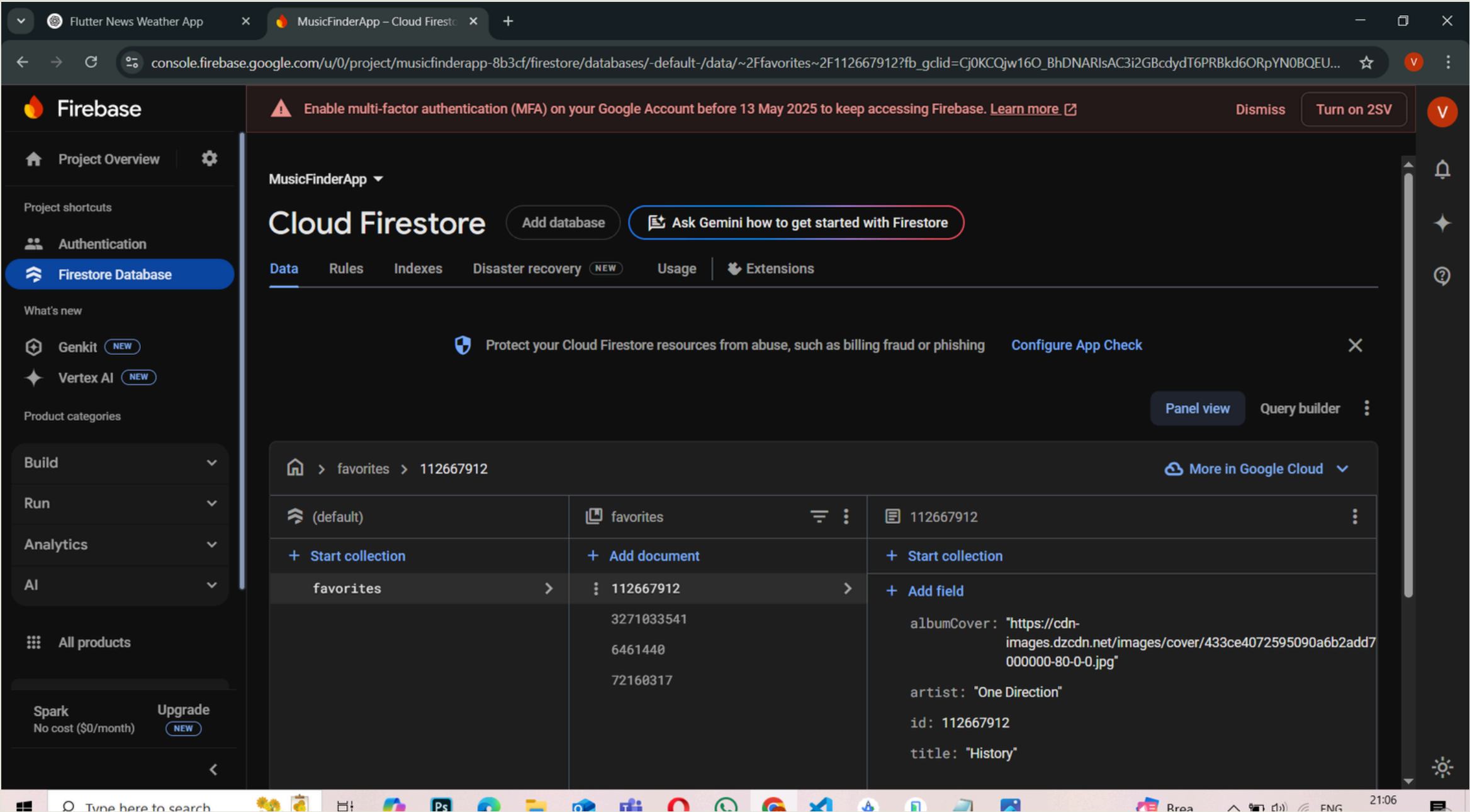
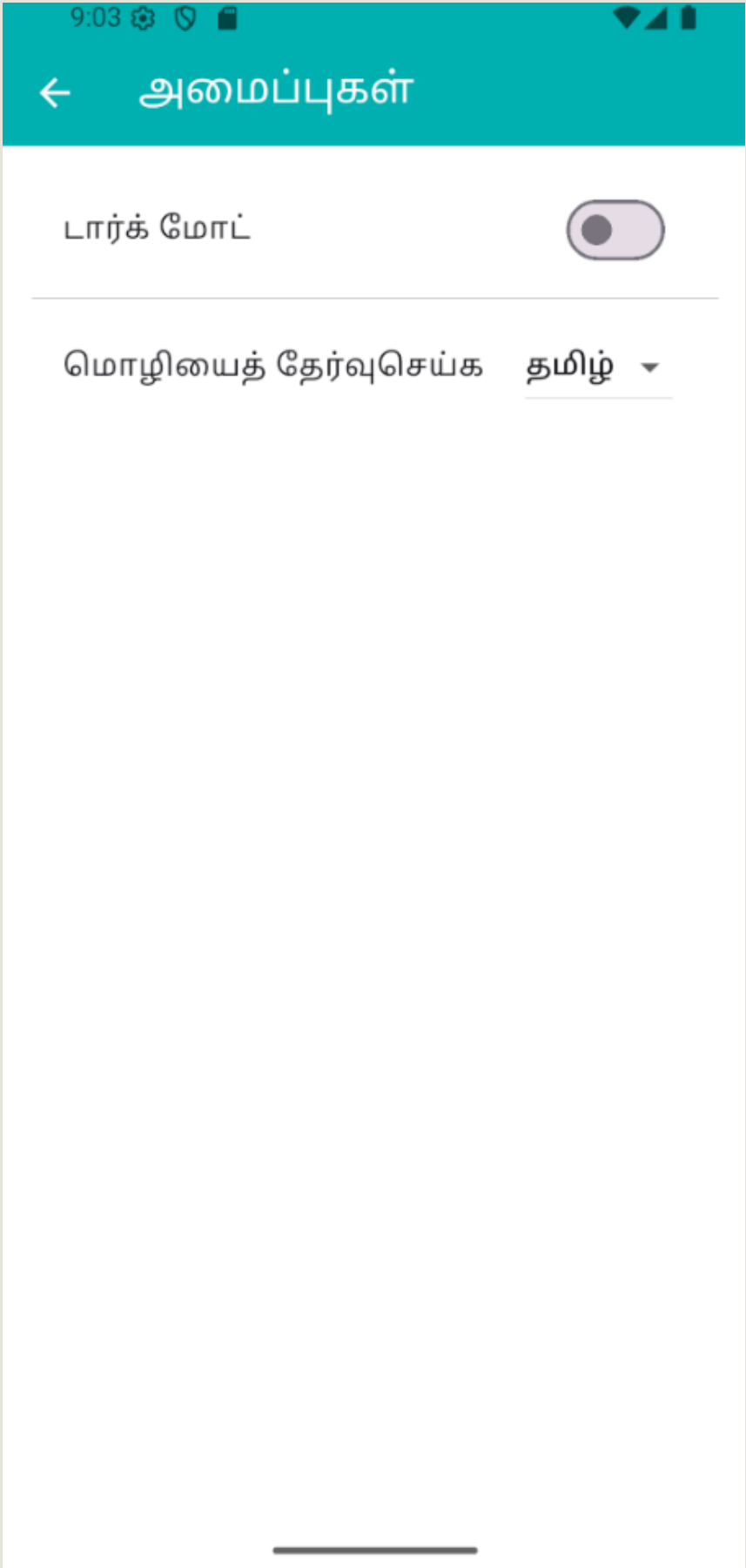
Favorites

Profile

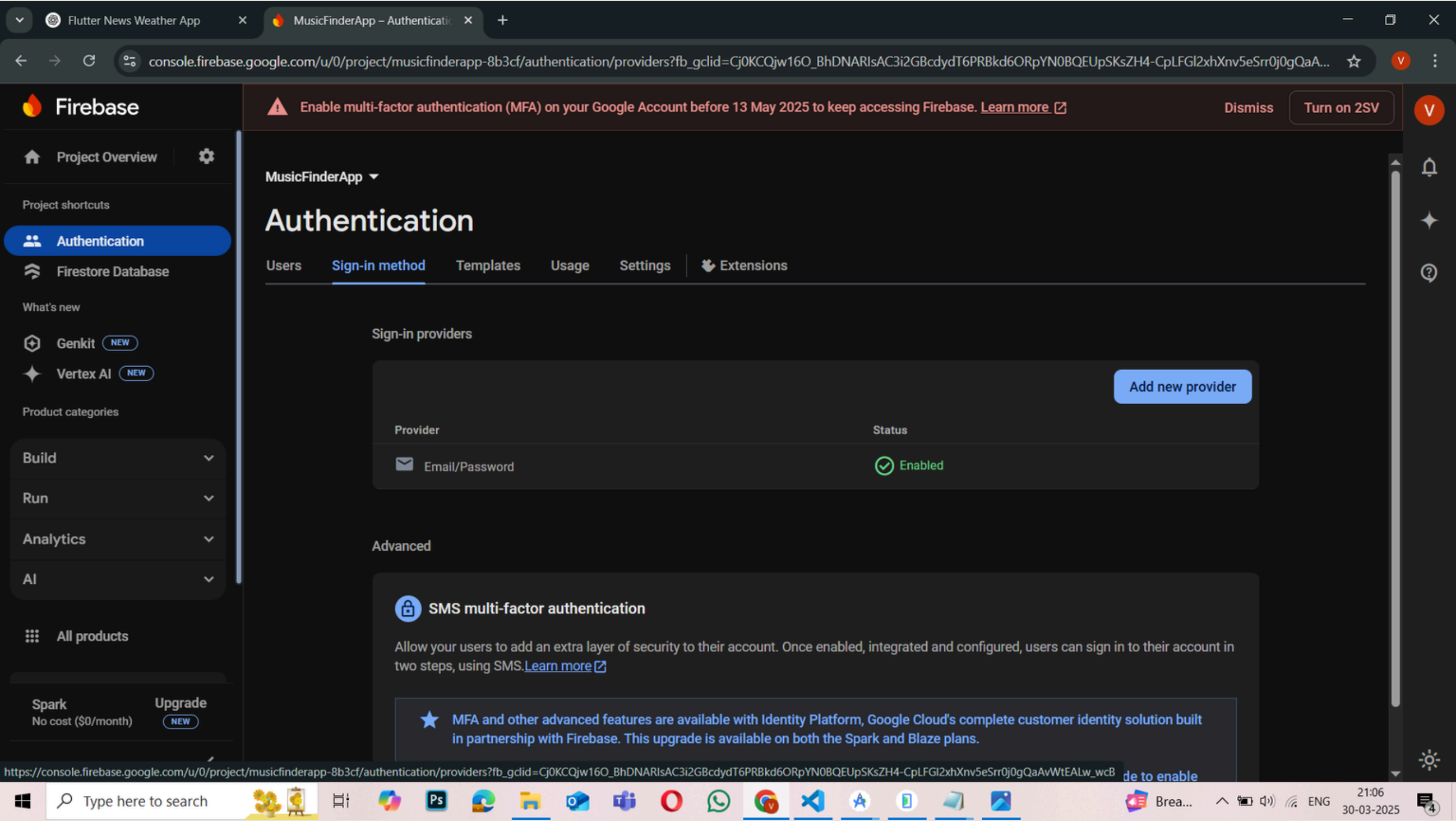
Screenshots



Screenshots



Screenshots





Conclusion

- The Music Finder App successfully integrates key functionalities such as song search, theming, and localization, making it a user-friendly and customizable experience.
- The API efficiently fetches song details, including artist names and album covers.
- Integrated Firebase Authentication.
- Gained experience in Flutter, Provider, and API handling.