

Movie App Development Project

Problem Statement:

Develop a user-friendly and feature-rich movie streaming app using the Flutter framework. The app should enable users to watch trailers, search for movies/series, explore detailed information, add favorites, read reviews, and discover trending content.

Software Requirements:

- Flutter SDK
- Dart Programming Language
- Integrated Development Environment (IDE)
- Version Control System
- Flutter Packages:
 - provider
 - dio
 - audioplayers
- Firebase Account
- APIs for Movie Data
- Database

Hardware Requirements:

Computer:

- Processor: Intel i5/i7/i9 or equivalent AMD Processor.
- Memory: 8 GB RAM minimum, 16 GB or more recommended.
- Disk Space: Minimum of 10 GB free disk space, SSD preferred.
- Operating System: Windows (7 SP1 or later), macOS (latest version), or Linux.

Mobile Devices (for testing):

- iOS: iPhone or iPad running the latest iOS version.
- Android: Android phone or tablet with a recent Android version.

Network Connection:

- A stable internet connection for downloading dependencies, accessing APIs, and testing network-related functionalities.