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.