Assignment Scope

Objective: Develop a Flutter app that allows users to explore movies and their cast using data from The Movie DB API ([API Documentation](#)).

Estimated Time: 3 Days

Requirements:

1. **Movie Browsing:**
    - Display trending and popular movies.
    - Implement search functionality to find movies by title.
2. **Movie Details:**
    - Show detailed information about a selected movie, including title, overview, release year, runtime, and cast.
3. **Actor/Actress Details:**
    - Provide details for specific actors or actresses, including their name, biography, birth date, and associated movies.
4. **State Management:**
    - Utilize a state management framework (such as GetX, Bloc, or another) to handle application state.
5. **UI Components:**
    - Feel free to use any UI component framework.
    - Include a splash screen and custom animations.

Additional Notes:

- **Code Quality:**
    - Ensure clean code with a well-organized project structure and file organization.
    - Maintain readability with meaningful naming conventions and appropriate comments.
- **Version Control:**
    - Use Git for source control.
    - Make clear, descriptive commits with proper commit messages.
- **Repository:**
    - Provide the URL of your GitHub or Bitbucket repository.
    - Ensure the repository is public.