ASE 456 Team Project

Justice Gang

Movie App — Two-Sprint Review

Team

- Owen Newberry — Team Lead
- Austin Shelton
- Cley Shelton
- David-Michael Davies

All team members used AI assistance option #2 (assisted).

Team Rules & Working Agreements

- K.I.S.S. (Keep It Simple & Stupid)
- Start early, finish early — avoid last-minute rushes
- No surprises: keep status updates transparent
- Be on time to meetings and respond promptly
- Commit code to GitHub regularly and push progress
- Submit weekly progress reports on Canvas
- Respectful, accountable collaboration; ask for help early

Project Vision & Goals

- Expand functionality to include TV show support and improved discovery
- Improve UI/UX consistency and allow user theme personalization
- Implement recommendation, randomization, and daily highlight features
- Finalize navigation flow for a cohesive app experience
- Maintain integrations and ensure reliability

Metrics & Project Statistics (Sprint Totals)

- Total features completed: 18
- Total LoC: ~2,500 (approx.)
- Team burndown rate: 100%

Features

Cley Shelton (6)

- Create account / sign up
- Log in with credentials
- Sign out of account
- Delete account
- TV show browsing
- Navigation from login to home

Features (cont.)

Austin Shelton (6)

- Mark movies as “watched” in a tracker tab
- Leave a review score on watched movies
- Write a short review/description
- Suggested Movies
- Best Recent Releases
- Movie of the Day

Features (cont.)

David-Michael Davies (6)

- Visually appealing user interface
- Sort movies by genre
- Show related movies on search
- Dark mode/theme switching
- Random Movie button
- UI polish

Sprint 1 — Objectives

- Research and prototype core features
  - API investigation for movies and TV shows
  - UI wireframes for home, detail, and login flow
- Implement baseline app structure
  - Login/signup flow skeleton
  - Basic movie list and details pages
  - Project scaffolding and repo setup

Sprint 1 — Achievements

- Implemented login → home navigation flow (basic routing)
- Basic movie browsing and details view implemented
- TV show data model researched and initial UI components built by Cley
- Theme switching prototype implemented (David-Michael)
- Recommendation logic prototyped and tested with sample data (Austin)

Sprint 2 — Achievements

- TV show browsing integrated with API; users can switch between movies and TV shows
- Full navigation path: login → home → (movies/TV) → details implemented and tested
- Dark mode/theme toggle completed and applied site-wide (consistent UI fixes)
- Random Movie button implemented and wired to data store
- Suggested Movies and Best Recent Releases sections implemented; Movie of the Day added

Reflections: What Went Wrong

- **API data inconsistencies** — TV vs Movie schemas caused integration delays
    - *Next time:* Build normalization layer earlier in the project
- **Design sync across contributors** — Initial style inconsistencies
    - *Next time:* More clear design from day one
- **Time management** — Some tasks pushed close to deadlines
    - *Next time:* More frequent check-ins

Reflections: What Went Well

- **Team communication** — Weekly syncs kept everyone aligned
- **Modular architecture** — Easy to integrate individual contributions
- **100% feature delivery** — All promised features completed

Demo & Artifact Locations

Artifact	Link
Source Code	github.com/owen-newberry/ase-456-team-project/app
Tests	github.com/owen-newberry/ase-456-team-project/app/test
Documentation	github.com/owen-newberry/ase-456-team-project/docs
Github.io	owen-newberry.github.io//ase-456-team-project/
Youtube Demo	youtu.be/OdcCspSqY4w

Tests & Documentation

Test Location: `app/test/`

Test Type	Count
Unit Tests	64
Widget Tests	27
Integration Tests	38
Acceptance Tests	33
Regression Tests	39
Total	**199**

Tests & Documentation (cont.)

Documentation:

- Design Docs: `docs/sprint1/` , `docs/sprint2/`
- Github.io: owen-newberry.github.io//ase-456-team-project/

Q & A

Questions?

Each team member is available to answer questions about their features.

Thank You!

Thank you for your support throughout this project.

Links:

- 📂 Repository: github.com/owen-newberry/ase-456-team-project
- 📖 Documentation: owen-newberry.github.io/ase-456-team-project

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