

# **ASE 456 Team Project**

**Justice Gang**

**Movie App — Two-Sprint Review**

# Team

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

# The Problem

- Movie/TV Show tracking can be annoying/difficult
- Browsing can be tedious

## The Solution

- Movie app that allows for movie and TV show tracking, reviewing, and discovery

# 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 — 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	<a href="https://github.com/owen-newberry/ase-456-team-project/app">github.com/owen-newberry/ase-456-team-project/app</a>
Tests	<a href="https://github.com/owen-newberry/ase-456-team-project/app/test">github.com/owen-newberry/ase-456-team-project/app/test</a>
Documentation	<a href="https://github.com/owen-newberry/ase-456-team-project/docs">github.com/owen-newberry/ase-456-team-project/docs</a>
Github.io	<a href="https://owen-newberry.github.io//ase-456-team-project/">owen-newberry.github.io//ase-456-team-project/</a>
Youtube Demo	<a href="https://youtu.be/OdcCspSqY4w">youtu.be/OdcCspSqY4w</a>

# Tests & Documentation

Test Location: `app/test/`

Test Type	Count
Unit Tests	64
Widget Tests	27
Integration Tests	38
Acceptance Tests	33
Regression Tests	39
<b>Total</b>	<b>199</b>

# Tests & Documentation (cont.)

## Documentation:

- Design Docs: `docs/sprint1/` , `docs/sprint2/`
- Github.io: [owen-newberry.github.io//ase-456-team-project/](https://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](https://github.com/owen-newberry/ase-456-team-project)
-  Documentation: [owen-newberry.github.io/ase-456-team-project](https://owen-newberry.github.io/ase-456-team-project)

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