



MADOM

A new way to buy.

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MADOM.com

An application for buying and selling any film or TV show.

For movie lovers who strive to watch films.

Madom is an e-commerce website that allows users to browse and purchase movies and TV. Unlike streaming services, our product lets users own the media they purchase.



Product Description

Application Overview:

- Facilitates buying physical films/TV shows in various formats.
- Comparable to a vendor marketplace like eBay.
- Focuses on physical medium content for collection and ownership security.

Ownership Benefits:

- Full ownership of purchased physical content.
- Unlike streaming services, users keep what they buy.



Product Description

Website Features:

- Shopping cart linked to authenticated user accounts.
- Login and registration pages.
- Store page for browsing and pricing content for rental and purchase.
- Selling page for creating listings to sell users physical content.
- Filter features based on release date, genre, and format.
- Media library of past purchases and storefront with search functionality.

Tools Used



IDE: Virtual Studio Code ★★★★★



VCS repository: GitHub ★★★★★

Project Tracker: GitHub Backlog ★★★★★

UI Tools:



- HTML ★★★★★



- Handlebar ★★★★★

Methodology: Agile Methodology
★★★★★



Database: PostgreSQL ★★★★★



Framework: Node.js ★★★★★

Testing Suite Languages:



- Chai ★★★★★
- Mocha ★★★★★



Application Server: NodeJS ★★★★★



Deployment Environment: Render ★★★★★



Challenges

Greatest Overall Challenge: Group Coordination and Communication

- Low coordination led to merge conflicts and broken code
- Low communication made it difficult to know what to work on when
- Overall, work was far less efficient than it could have been

Technical Challenges:

- Favorite button knows if item is favorited
- Connecting everything we learned into one large project

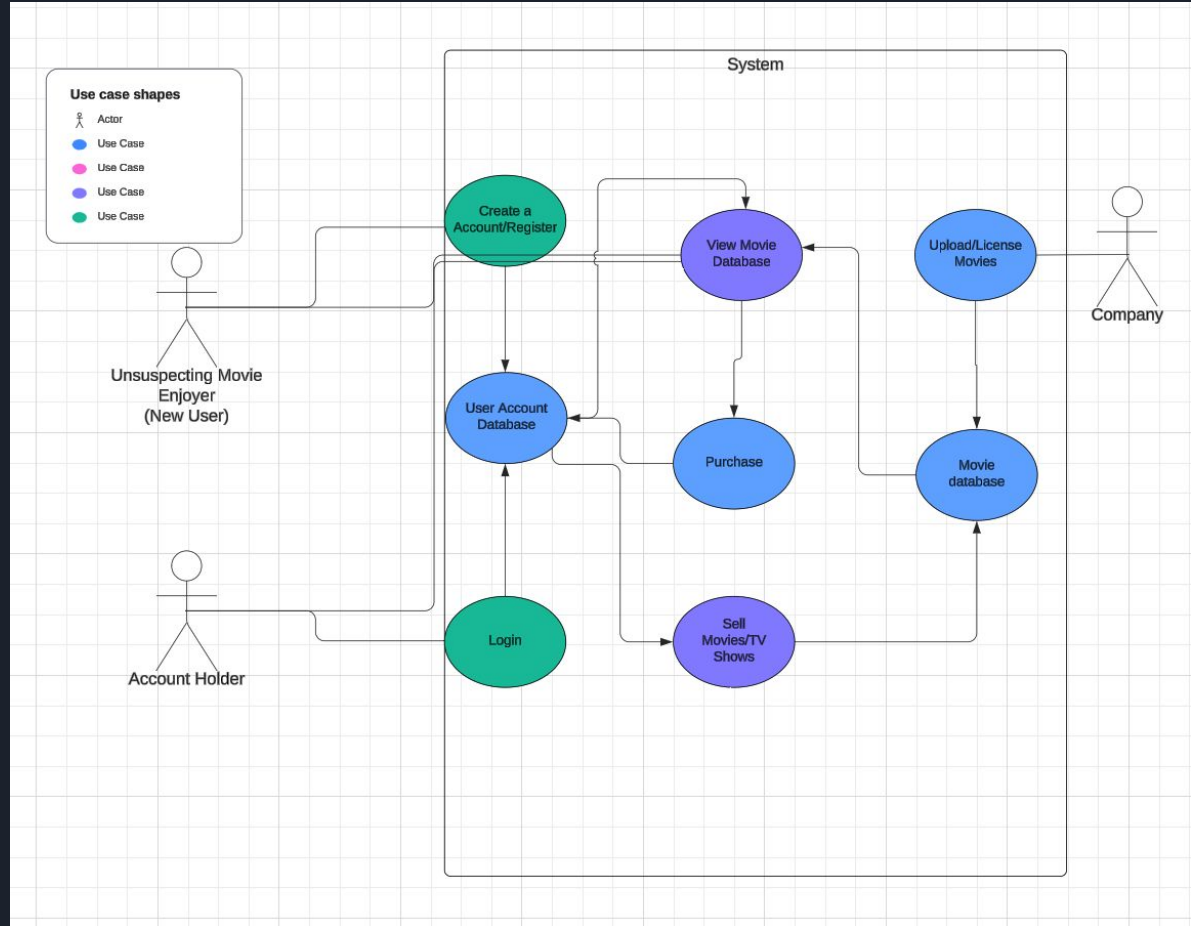


Future Scope/Enhancements

- Profile and Account Settings page
- Movie / TV database API for for larger initialized database content
- Movie / TV database API for content images
- Graphics

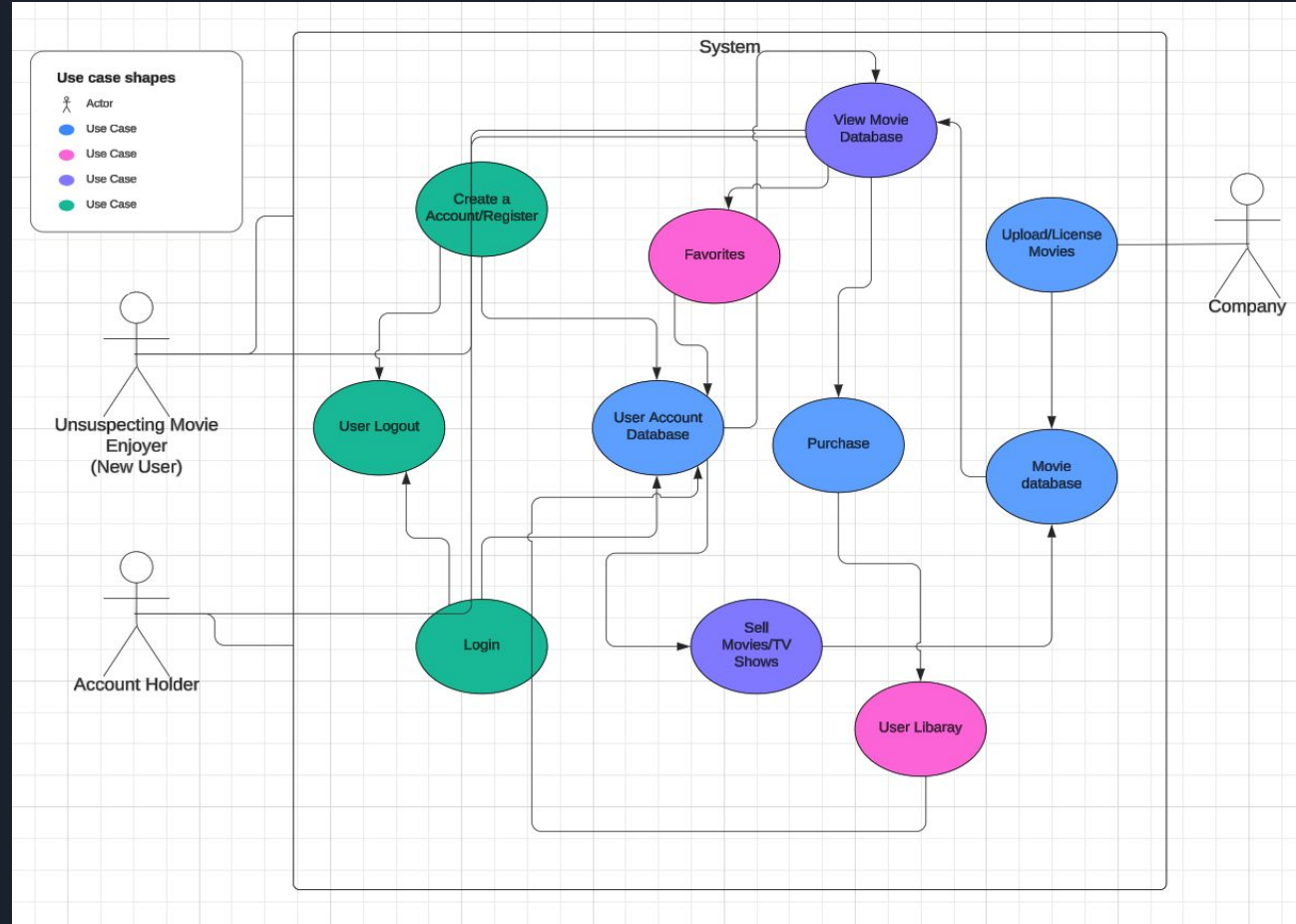
Architecture Diagram

During the working stage:



Architecture Diagram

Final product:





Demo

Now we'll show you what we've been building!