

VATS: Video Achievement Tracking Software

S. Sullentrop
@[s-sullentrop]

What is VATS?

VATS allows a video gamer to track the in game and personal achievements outside the system software as well as store their personal notes, comments, and reviews. Sure, the consoles track it also, but this allows real time updating of those achievements without having to stop the flow of play. This works with ANY SYSTEM new or old.



Features

- Customizable achievement tracking and creation.
- Works with all platforms, even ones made before achievements existed! (NES, Commodore, Atari 2600, etc.)
- Creates and stores user reviews of games and achievements.



Features (contd)

- Individual user authentication.
- Self contained database.
- More to come!!!



Planning - User Stories

I'm an old school gamer who wants to add a new level of replayability and accomplishment to my older games not previously there.

I'm a multi-console gamer who is tired of switching back and forth between consoles and need a centralized location to track my achievements.

I am an amateur game reviewer looking to build my review portfolio.



Planning - Database

The database is set up so that each user has their own game and each of those games has their own achievements and reviews. Multiple users may have the same game on their console, but this program registers the games (and sub-entities) as unique entries to prevent data crossover. Each user tracks their own achievements.



Technology Stack

- Java, CSS, HTML
- Spring Boot
- Template engine - Thymeleaf
- Database engine - MySQL
- Other libraries or components - Bootstrap



Demo



What I Learned

- Learned the importance of keeping databases connected and what it takes to properly make them work within a project.
- The useability of different software from the backward-engineering in SQL or the complete control over Git functionality in IntelliJ
- Learning how to use Trello in a group has been informational and helpful in a group environment.



What's Next

- Coordinate with API's for Microsoft and Sony to automatically load trophy/achievement data for games we own.
- Maybe snazzing up the UI
- Learning something else new!

