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| Connor VanMeter  4-21-2017 |

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| Movie Database |
| CS 405 Final Project Report |

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# Part One: Database Design

## Database Assumptions

* All users may rate, review, and save more than one movie. All movies may be rated, reviewed, or saved by more than one user.
* Users and crew are different; crew *will not* be linked to users.
* Each movie may have only one language.
* Middle names may be NULL (blank).
* Value and review may be left NULL (blank).
* Duration must be a value greater than 0.
* Value is 0 or 1, where 0 is thumbs down and 1 is thumbs up.
* Wanted is whether the movie is saved to a watch-list. Value is 0 (no) by default.
* Gender: (M)ale, (F)emale, (O)ther

## ER Diagram

## Database Schema

# Part Two: Web Site Functionalities

## Add/Remove Users

## Add/Remove Movies

## Search

## Additional Functionalities

## Watch list

## You Should Watch…

# Section Three: Testing

# Section Four: Contribution

Dean Crockett: Frontend, Web Interface

Jacob Pawlak: Backend

Nick Reaves: Frontend/Backend Collaboration

Connor VanMeter: Database Design, Project Reporting

Connor developed the database schema, created the ER diagram, performed quality control, and created the final report.

# Section Five: Experience and Challenges