



# ARTEMIS

CSC648-04 Team 2: Brian Adams, Joseph Kois, Brandon Cruz-Youll,  
Sherman Wong, Arslan Alimov, Jade Simien



# ARTEMIS

*Artemis is the goddess of the hunt.  
We have reincarnated Artemis to set her  
loose on the bugs of software.*

# CSC648-04 Team 2

Team Lead: Brian Adams

GitHub Master: Joseph Kois

Scrum Master: Brandon Cruz-Youll

Backend Lead: Sherman Wong

Backend Developer: Arslan Alimov

Frontend Lead: Jade Simien

# Main Features

Artemis is a bug tracking application that will empower developers to track new and existing bugs.

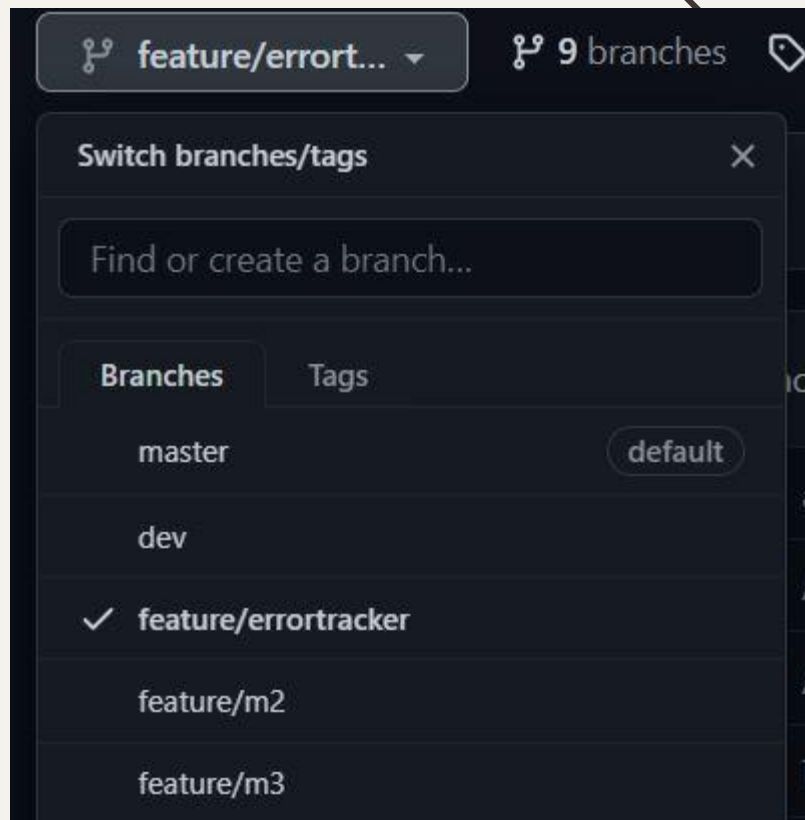
Through minimalist design and easy-to-use features, Artemis enables development teams to prioritize and resolve issues, coordinate with quality assurance teams, and plan for sprints.

Features include:

- Board creation
- Adding users to a board
- Ticket creation
- Ticket delegation
- Ticket priority assignment
- Closing tickets
- Error Tracking

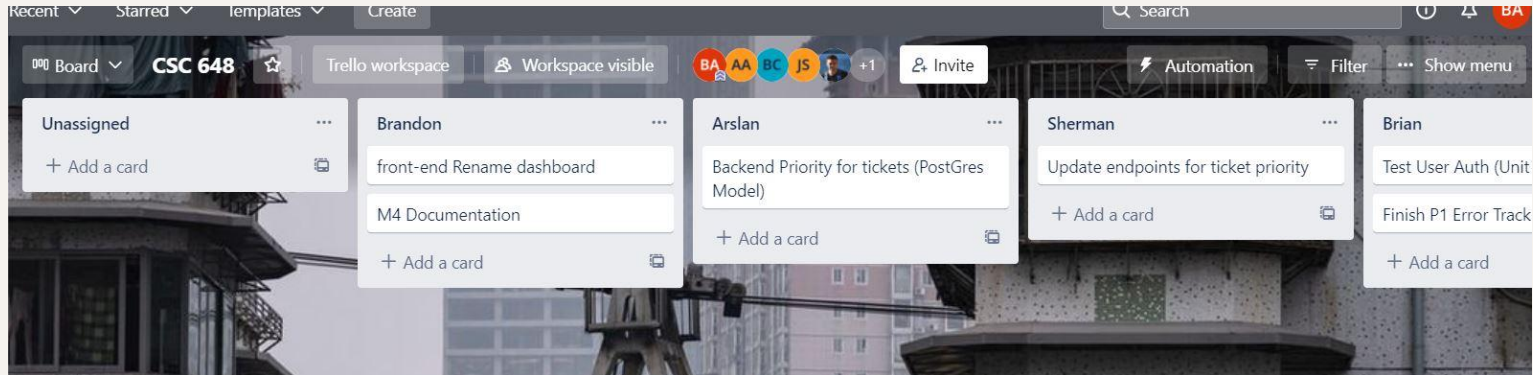
# Git

- We used feature branches to work on specific features
- When those features were complete we merged those feature branches into develop
- When we were ready for another release we would merge feature into main
- Have a review policy where pull requests must be made and reviewed before merging features



# Task delegation

- We used trello to delegate tasks
- We would review what was completed, what needed to be done and discussed how we will implement features when we met.
- Once we agreed on what should be worked on and how we would add the tickets to trello
- Team members who wanted to claim a specific ticket would move tickets to their board,



# Competitive Analysis

Compared to other project management tools such as Trello and Jira, Artemis...

- Has a simple interface that is designed with productivity in mind
- Tracks issues, and the state of the issues through development
- Is a stand-alone application that does not require any third-party integration
- Can prioritize issues and change them to various states

**Safety and security is of utmost importance;** all sensitive information is encrypted or hashed. Artemis respects the user's privacy and does not unnecessarily track user behavior.

# Technologies Used

## Frontend

- TypeScript
- React
- SCSS Modules
- SWR
- Framer Motion
- UUID
- React Beautiful DND

## Version Control

- Git
- Github

## Backend

- TypeScript/JS
- Express
- TypeORM
- PostgreSQL
- Session
- Bcrypt
- UUID

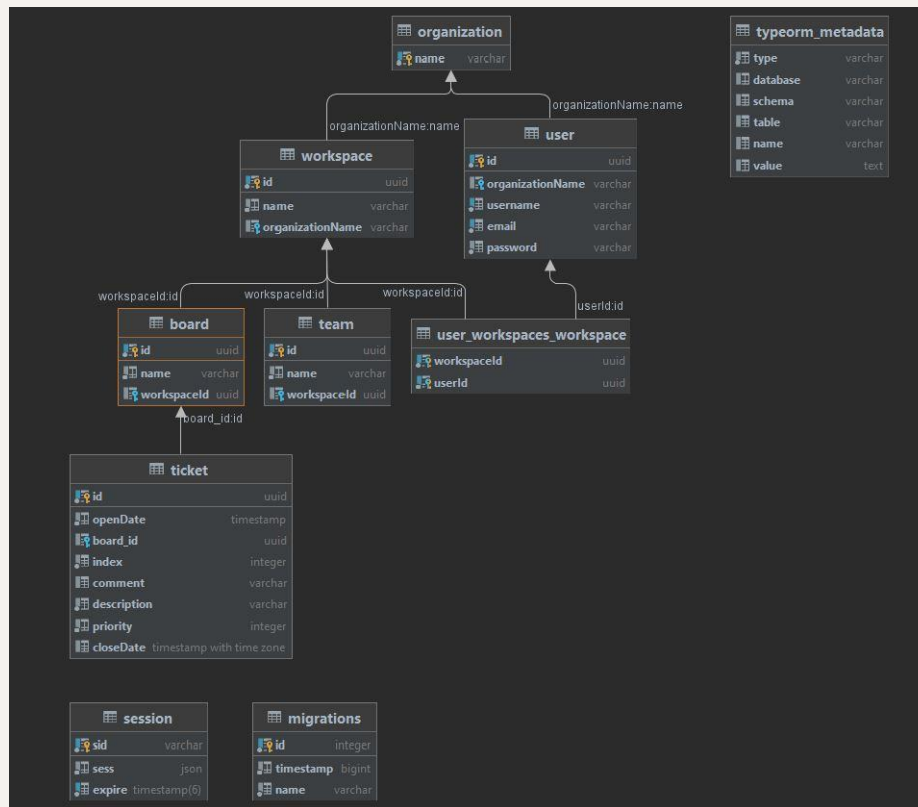
## Testing

- Postman (End-to-End)
- Jest (Unit test)
- React Testing Library(End-to-End)



# Database

- Postgres
- TypeORM
- Favored a normalized db



# Demo

URL: <http://34.125.36.28/>

Error Tracker Demo: <https://errortrackertest.netlify.app/>

# Future plans

- Optimizations within workspaces
- HTTPS
- Organizations
- JSON import/export



# Thank You

Let us know any thoughts and questions.

