

CSCI 3308 - Fall 2022
Group Project

Ostrich Algorithm // Quise
Group 016-03

Team Members:

Name	Github	Email
Tyson Trofino	Tyson-Trofino	tyson.trofino@colorado.edu
Clayton Dwyer	Narrosh	Clayton.Dwyer@colorado.edu
Jesse Black	jeb18843	jeb18843@colorado.edu
Caleb Kumar	cekcreator	caku9316@colorado.edu
Joseph Kneusel	jkneusel	joseph.kneusel@colorado.edu joseph@kneusel.org
Simon Walker	simondoesstuff	simon@simonwalker.tech

Application name: Quise

Details

Pages

1. Global leaderboard
2. profile /account page w/ past scores
3. Page for the game

Application Description

Science Quizzes, players are given a set of timed quizzes. Each player is ranked on time to complete the quiz and correctness. Players can create their own profile to keep track of their quizzes, their scores and times. Quizzes are built off topics the user picks. The topics could be physics, chemistry, general engineering, computer science, etc. The quiz length would be 5 questions that are randomly selected from a bank we create.

Vision Statement:

Idea: "To help students demonstrate their non negotiable, crushing superiority over others in the realm of knowledge"

Version Control: Git

<https://github.com/jeb18843/CSCI3308-Final-Project-SciQuiz>

Development Methodology:

Agile Methodology

Link to Project Board: <https://github.com/jeb18843/CSCI3308-Final-Project-SciQuiz/projects>

Communication Plan:

Talk through text and Discord, meet during recitation and outside when necessary in the CSCI CSEL rooms on campus.

Communication

Communication will be conducted over Discord. It will allow us to divide up the project into simple tasks and allow for sub groups to work on the project. Discord will allow for optimal non-synchronous communication regarding the project, as well as an optimal FOSS and low latency voice/video chat codec, namely Opus-codec, for team communication. We also plan to use our time in the lab effectively to finish most of our work for each given week.

Discord Link: <https://discord.gg/etNBtaUc98>

Meeting Plan

Team Meeting: The plan is to meet on Mondays 3:45 in the CSEL right after our weekly TA meeting.

Weekly Meeting with TA: Meet on Mondays at 3:30 for (virtual) TA check in with Nikita. <https://cuboulder.zoom.us/j/6808546254>

Use Case Diagram:

Inside Git Repo separately.

Wireframe Diagram:

Inside Git Repo separately.

DIRECTORY DIAGRAM:

```
| - <application code folder in the repository>
| --- node_modules
| --- package.json
| --- docker-compose.yaml
| --- views
| ----- pages
| ----- Quiz 1.ejs##QUIZ*.EJS FILE STRUCTURE HERE
| ----- Quiz 2.ejs##IS UNDER CONSIDERATION
| ----- Quiz 3.ejs##FILE STRUCTURE MAY BE
| ----- Quiz 4.ejs##SUBJECT TO CHANGE
| ----- LeaderBoard.ejs
| ----- Profile.ejs
| ----- login.ejs
| ----- register.ejs
| ----- partials
| ----- header.ejs
| ----- footer.ejs
| --- resources
| ----- css
| ----- style.css
| ----- js
| ----- script.js##ALSO MAY BE SUBJECT TO CHANGE
| ----- img
| ----- home.png
| --- index.js
| --- .gitignore
```

Idea Warehouse

Name Ideas

[Ostrich Algorithm](#)

Project Ideas

Simple text based adventure

Course dependency graph

Trivia Game