



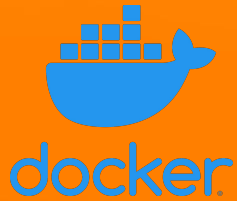
The Quizletics Team

- Anar Enkhzol
- Andrew Pfennigwerth
- Enrique Marroquin
- Madelyn Polly
- Taya Carlson
- Will Anderson

What is Quizletics?

Quizletics is a competitive trivia site for people who love trivia and want to test their knowledge on a wide variety of topics. Quizletics includes points, stats, achievements, and leaderboard systems to reward high performing trivia players. Quizletics is intended to foster competition and curiosity among its player base.

Tools Utilized



Docker

Rating: 5

Container Management

Docker is a container management software used to allow developers to easily build, share, and run applications without worrying about application setup on various systems.

Tools Utilized



GitHub Project Board

Rating: 4

Project Tracker

Agile/Kanban

The GitHub Project Board is a Project Tracker used to set up project workflows, create user stories, epics, and issues, assign them to team members, and track progress on each task accordingly.

Tools Utilized



GitHub

VCS Repository

Rating: 5

Iterative, Code Review

GitHub is a Version Control System using Git to host project repositories. GitHub allows for easy visualization of differences and updates between versions and allows for users to resolve merge conflicts in app.

Tools Utilized



PostgreSQL

Database

Rating: 5

PostgreSQL is an object-relational database management system which supports a wide range of database features and functionalities. PostgreSQL is open source.

Tools Utilized



Visual Studio Code
IDE

Rating: 5

Visual Studio Code is a code editor created to write and debug a wide range of languages. Visual Studio Code is free and open source and runs well on a variety of platforms and operating systems.

Tools Utilized



Sublime Text Editor
IDE

Rating: 4

Sublime Text is a text editor created for code, markup, and prose. Sublime includes both free and premium versions, and includes plugin functionality to expand its variety of uses.

Tools Utilized



Vim
IDE

Rating: 4

Vim is a versatile and configurable text editor. Vim is free, open-source, and easily accessible on Unix systems, such as Linux, BSD, and macOS.

Tools Utilized



Adobe Illustrator

Rating: 5

Wireframing (UI) Tool

Adobe Illustrator is a versatile, graphic design tool used to create a variety of vector graphics, logos, icons, images, and illustrations.

Tools Utilized



Visily

Rating: 5

Wireframing (UI) Tool

Visily is an AI powered wireframing tool that is geared towards non-designers. Visily is intended to save time, create beautiful UI designs, and allow for easy collaboration between team members on designs.

Tools Utilized



Krita

Rating: 5

Wireframing (UI) Tool

Krita is a free and open source digital art program. Krita was made by artists who wanted to create an accessible and affordable tool for everyone. Krita can be used to create illustration, comics, animations, concept art, storyboards, and more.

Tools Utilized



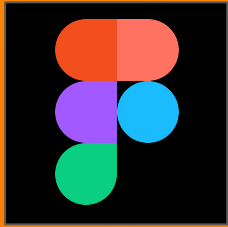
Miro Board

Rating: 4

Wireframing (UI) Tool

A Miro Board is an online whiteboard. Using a Miro Board, you can add images, text, create maps and diagrams, and other visual templating tools to visualize information in a wide variety of ways.

Tools Utilized



Figma

Rating: 5

Wireframing (UI) Tool

Figma is a web-based UX/UI design and prototyping platform used to create high fidelity prototypes, mock ups, and wireframes of websites, applications, and more.

Tools Utilized



NodeJS

Rating: 5

Application Server

NodeJS is an open-source, cross-platform, back-end JavaScript runtime environment for web applications. NodeJS is intended for server-side scripting for dynamic content generation using event-driven architecture.

Tools Utilized



Microsoft Azure

Rating: 5

Deployment Environment

Microsoft Azure is a cloud platform used to build, run, host, and manage applications across multiple clouds. Azure lets you host your applications on one of their cloud servers, so that it is accessible to users.

Tools Utilized



The Trivia API

Rating: 4

External API

The Trivia API is a REST API which produces multiple choice trivia questions categorized into groups. These questions can be pulled and implemented easily onto another site.

Tools Utilized



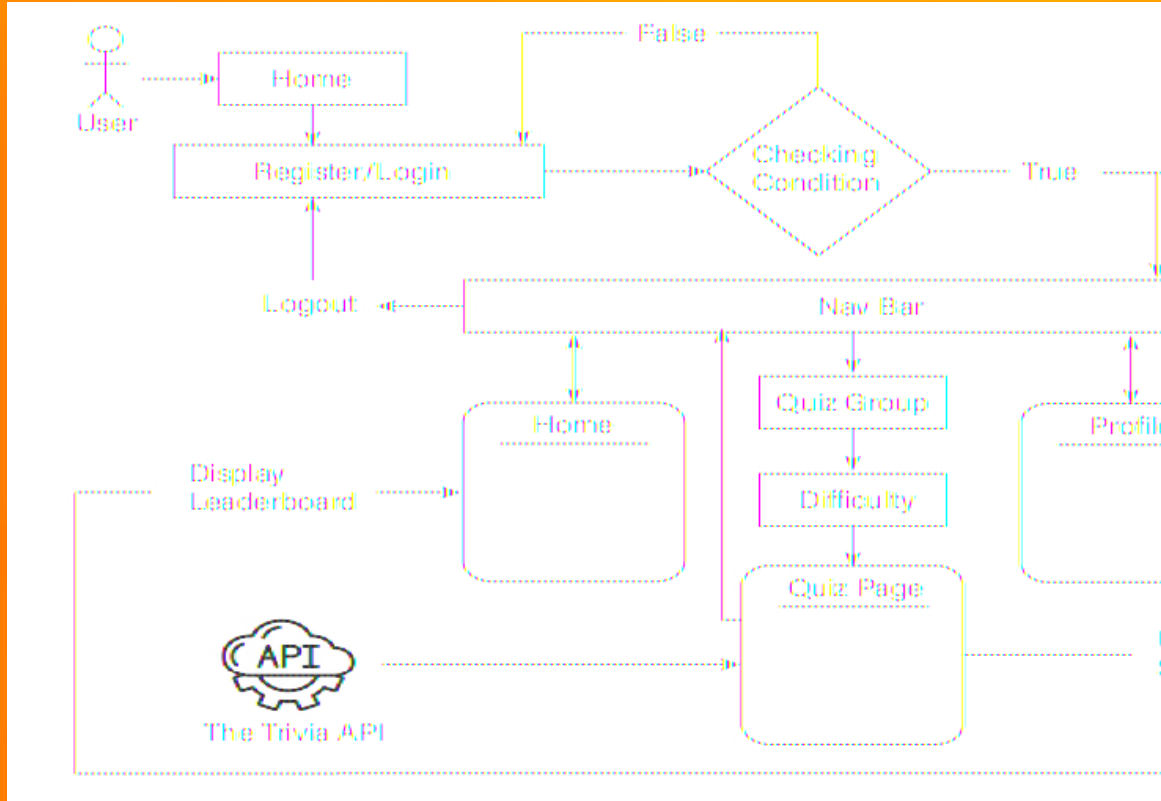
Sass

Rating: 5

CSS Style Extension

Sass is a CSS extension language which stands for Syntactically Awesome Stylesheet. Sass is an extension to CSS which reduces repetition and saves time. It is free to download and use.

Architecture Design



Challenges

Our greatest challenge was finding an external API that supported our original idea.

We wrestled with the idea of using sports APIs that provided information followed by OpenAI to generate sports related questions.

In the end, we went with a more simple alternative, which was a general trivia API, and therefore had to pivot away from a sports trivia site to a more general trivia site.

Time For A Project Demo!

https://www.youtube.com/watch?v=O3kKZqx_iLI

Thank You

We will now take questions