Trivia Game

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What did we make?

Interests and Learning Goals

- To make a visually appealing and interactive website that entertains
- To be able to store the data that a user inputs into the website
- To play around with css and make a simple yet professional website

Project Overview

The minimal viable product (MVP) for our product was a web app that has a welcome page followed by the trivia quiz and a final page that displays the user's score.
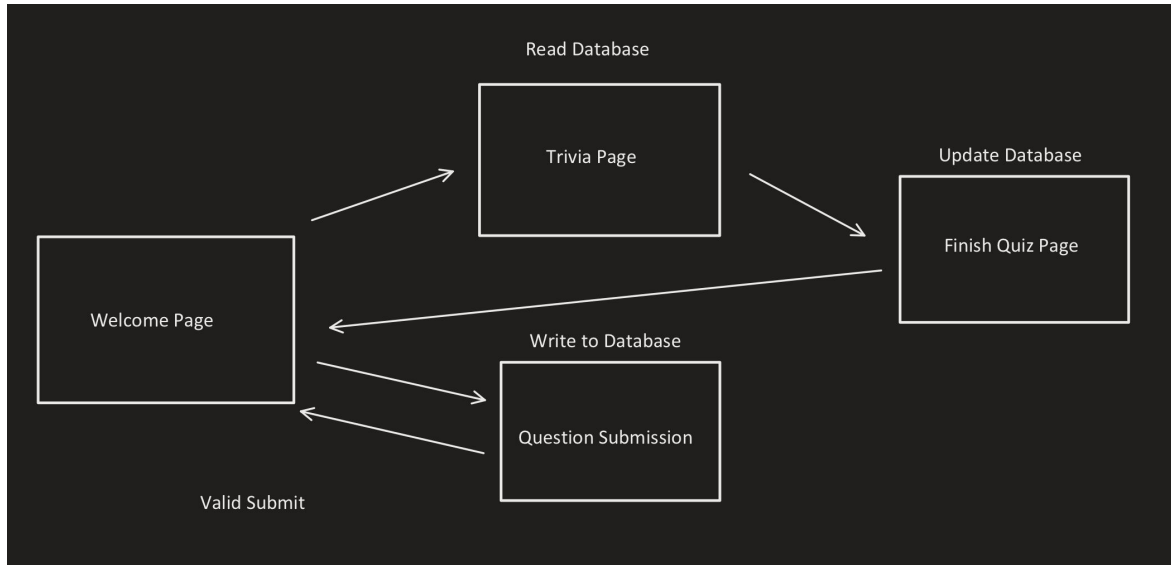
The MVP was successfully achieved with additional features. We created a page for users to add questions to the quiz.

All the questions were sourced from another trivia site and manually added to the database.
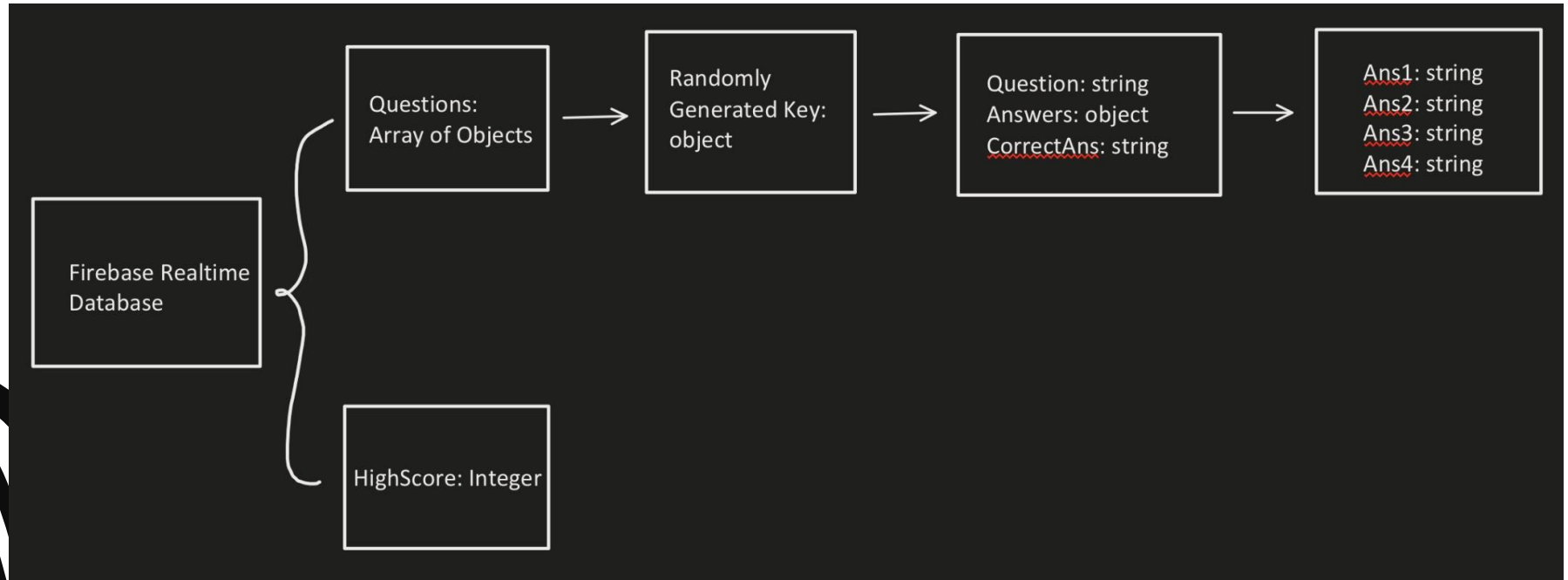
Code
Architecture

Web App Page Structure

Database Structure

Database Example

```
questions
 -MYk5Y6VOaZe3gNVSGir
     answers
         ans1: "December 31, 1899"
         ans2: "December 31, 1907"
         ans3: "December 31, 1934"
         ans4: "December 31, 1904"
     correctAns: "December 31, 1907"
     question: "When was the first New Year's Eve ball drop in ..."
 -MYk5qrdA3ixM4yl1ykf
 -MYk6QTZtnRXlbSDoxKp   +   ×
```
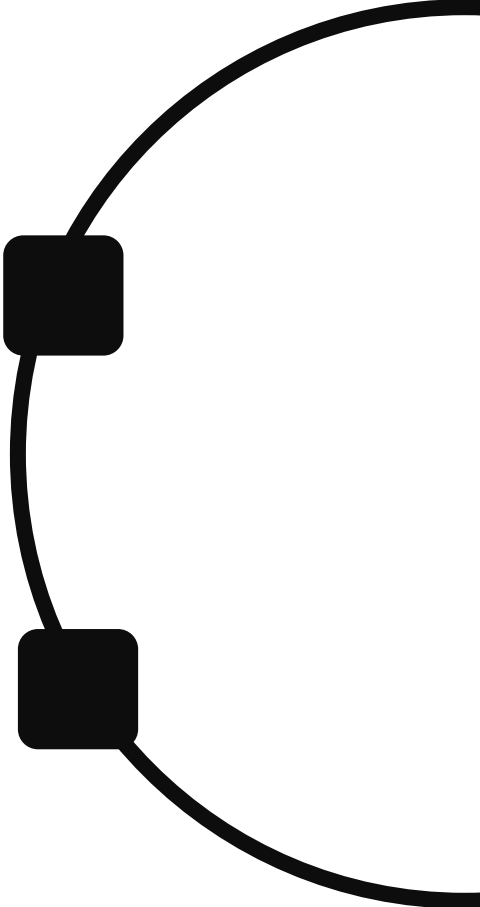
Challenges

- Database
  - Getting the data to properly load
  - Waiting for the data to load
  - Passing the data as a parameter
- Page rendering
- Styling
- Maya's laptop breaking for 4 days

Design Decisions

Primary color scheme so it is both visually pleasing and also easy to view

Chose to include the "Add Questions" page for added interactivity

Demo

https://triviagame-dac81.
web.app/

What We Learned

Kristin

- I learned how to integrate a database with React.js
- I learned more about waiting for data fetches and handling the load time
- I built upon my basic React.js skills and increased my programming confidence

Maya

- I learned how to work with styling so many various components on different pages
- I learned how to add elements to a basic structure rather than to specific components
- I am increasing my confidence in switching between coding languages

Thank You

Any Questions?