Perfect Gift

The Gifters

Venus Ku (Product Owner), Claire Ruffing,
Sean O'Byrne, Carlos Viche, Kelsy Lee

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Introduction

Problem/Motivation

hard to think of a good gift for someone

Our Solution

personalized gift suggestions based on giftee’s interests/wishlist

Intended Users

anyone who needs gift ideas

Goals

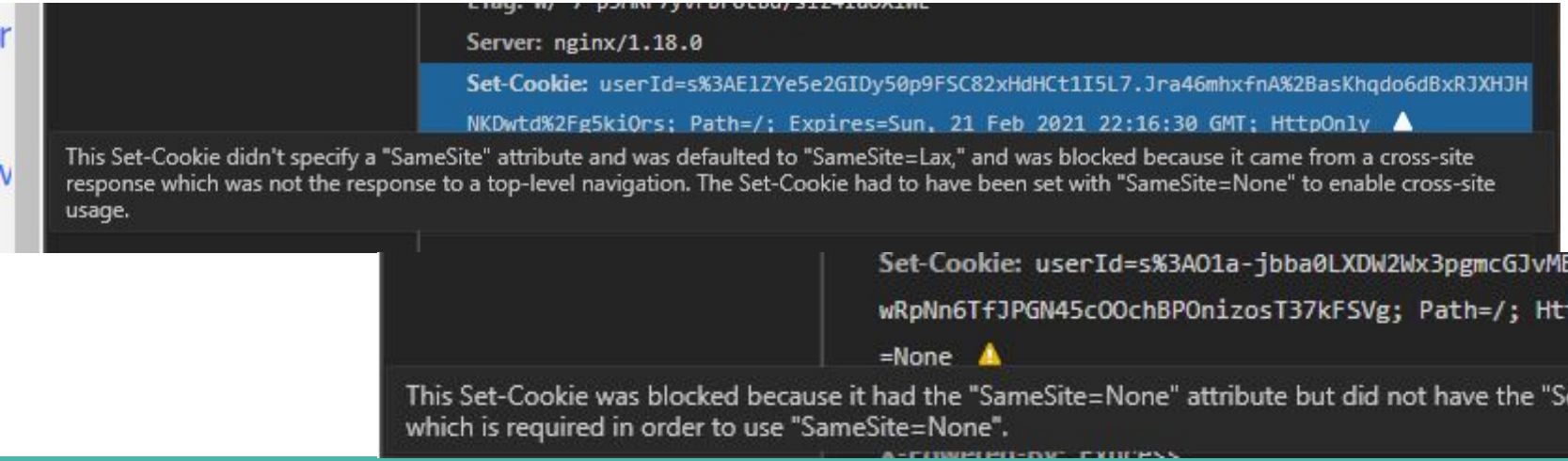
Here are some of the high level goals for Perfect Gift users!

- Fill out questionnaires that identify their interests.
- Login to view personalized profiles for themselves and other users.
- Create a wishlist and view wishlists of other users.
- Search for suggested gifts for other users based on their wishlist or interests.

We met all of our goals for this project! ✅🎁

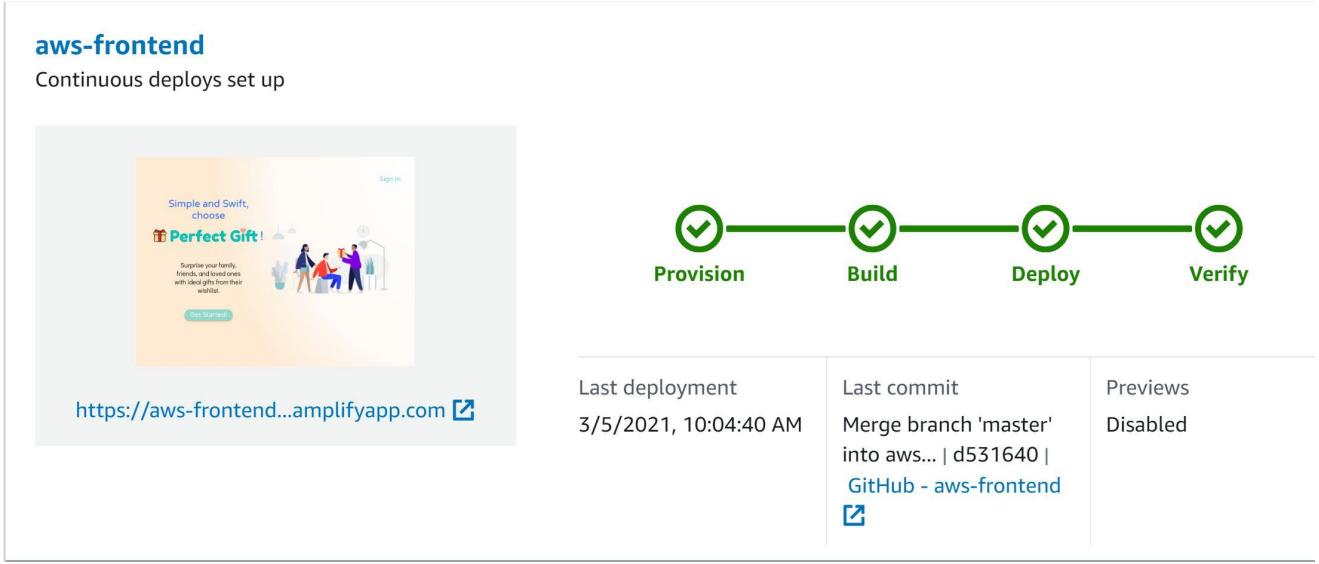
Challenges/Risks

- Figuring out why the website works for some browsers but not others
- Creating unit tests for the frontend
- Learning how to implement user authentication
- Deploying the backend server to AWS Elastic Beanstalk



Accomplishments

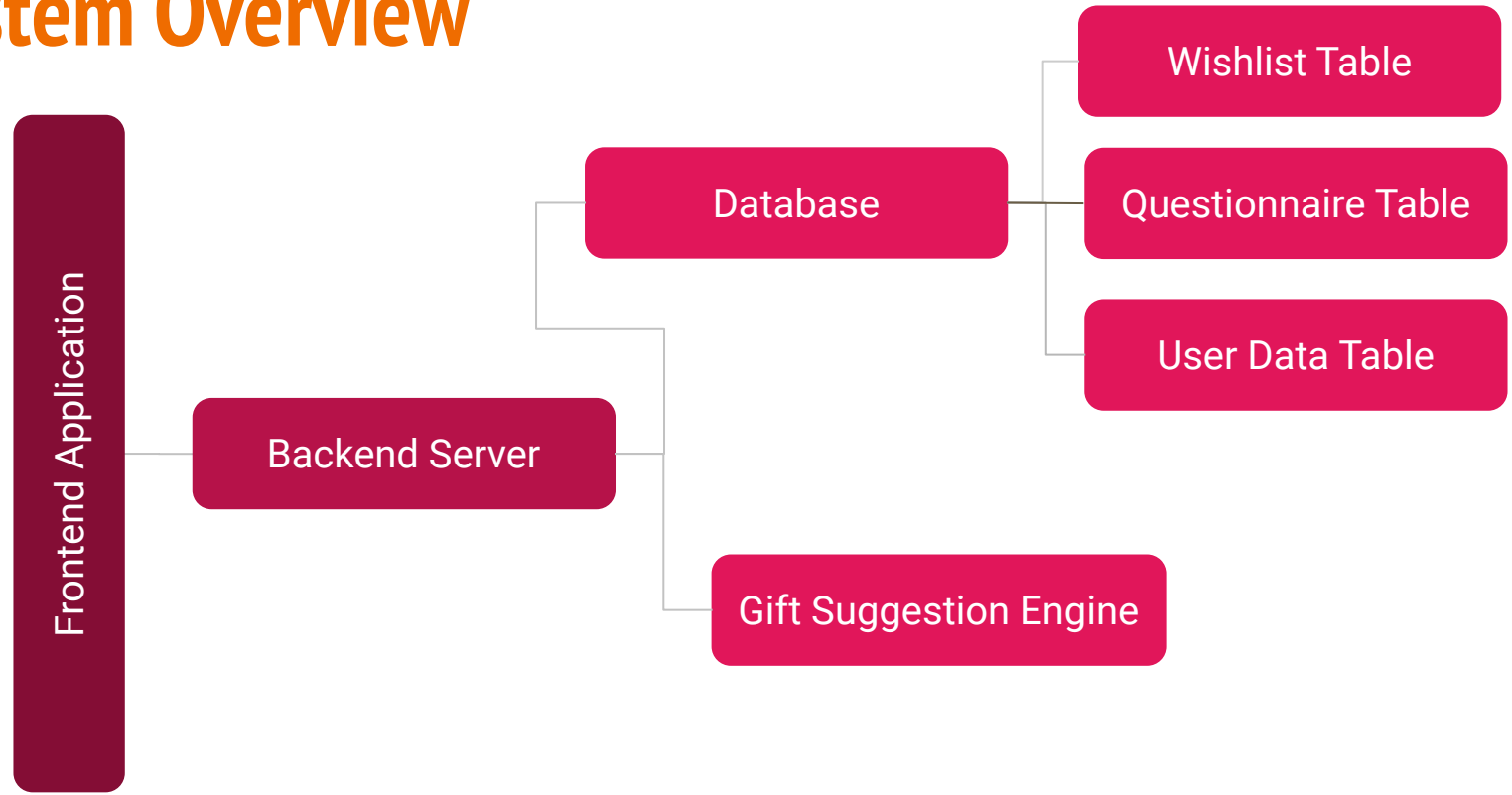
- Achieved the high-level goals we set up for ourselves
- Successful deployment of our full-stack website
- Figuring out how to implement user authentication



Demo

https://aws-frontend.d3i4pwwftbhh87.amplifyapp.com/

System Overview



Technology/System Overview

Frontend Application

ReactJS

AWS Amplify

Database

PostgreSQL

Backend Server

Node.js,
Express

AWS Elastic
Beanstalk

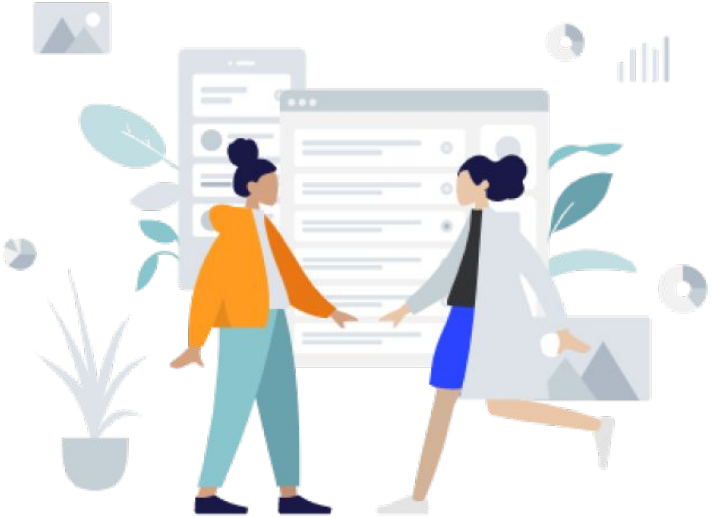
Gift Suggestion Engine

eBay
Shopping API

Project Management Techniques

Scrum

- Sprint planning (did not use planning poker)
- Trello board
- Three weekly 2-hour work sessions on Zoom, Discord
- 15-minute standups



Sharing Our Work

- GitHub
- Google Drive

What We Enjoyed

Learning about User Authentication!

Learning how to host our website!

Developing a full-stack web app!

Learning about unit tests!

Collaborating with such hardworking teammates 😉

What We Didn't Enjoy 😶

Merge Conflicts

Unit tests for the frontend

Deploying a secure version of our website (HTTPS)

JavaScript Syntax

Lessons Learned

1. The more explicit and well-defined the goal, the easier it is to meet it!
2. Pair programming led to solving problems quicker (most of the time) and learning from each other.
3. Start hosting the website ASAP!

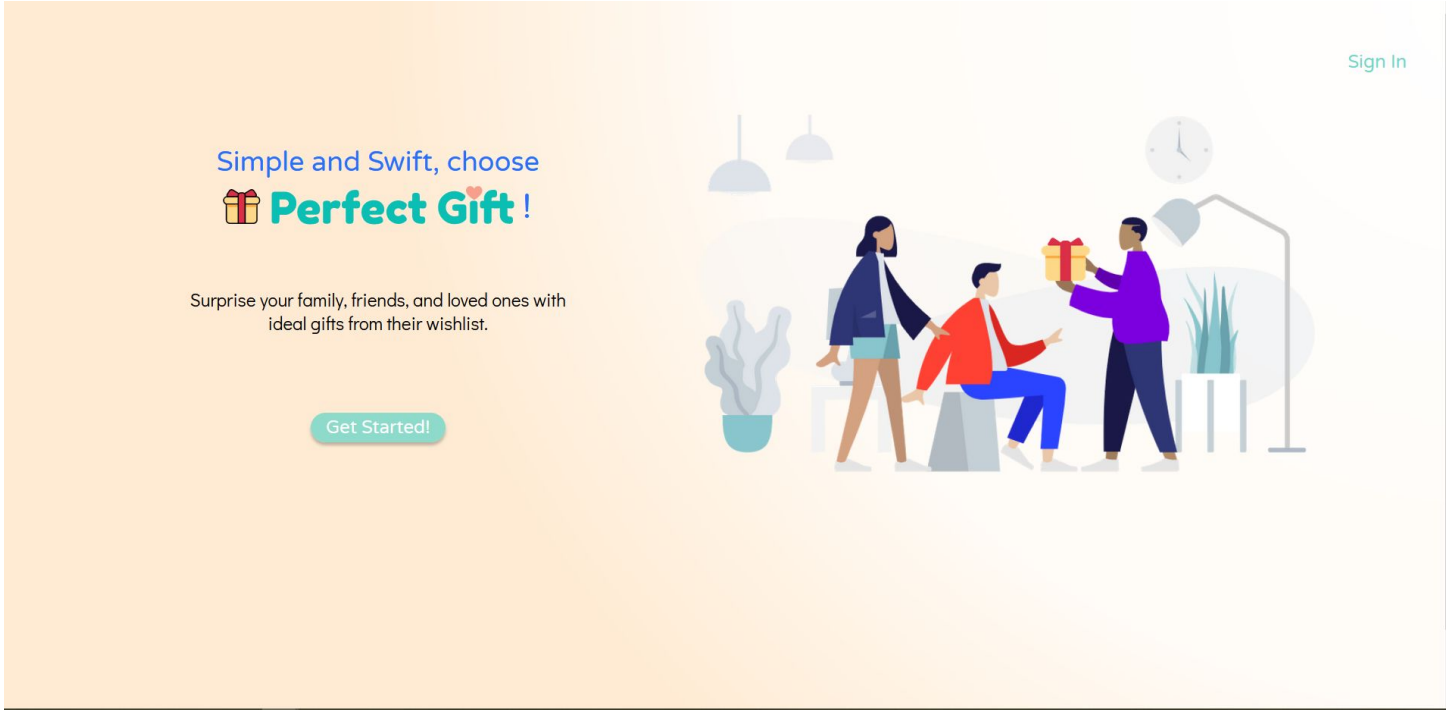
Thanks for listening! :)

Perfect Gift

Any questions?

Backup

Landing Page



Sign In Page

Perfect Gift

Sign In

Get personalized gift suggestions and share your own gift wishlist!

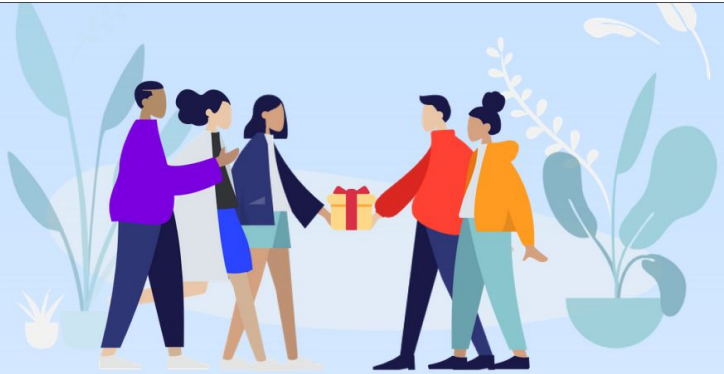
Username

Password

Is this your first time?
Create an account

Continue

Create Account Page



First Name

Last Name

Email

Username

Password

Retype Password

Create Account Page cont.

Please take your time to answer our interest questions below.*
We will take note and share them with other gifters on your profile!
* The following questions are just some suggestions, so feel free to put anything that interests you.

Indoors

Favorite indoor activity?

Favorite movie/TV show?

Favorite video game?

Outdoors

Favorite outdoor activity?

Favorite place to visit?

Favorite store?

Sports

Favorite sport?

Favorite sports team?

Favorite exercise?

Music

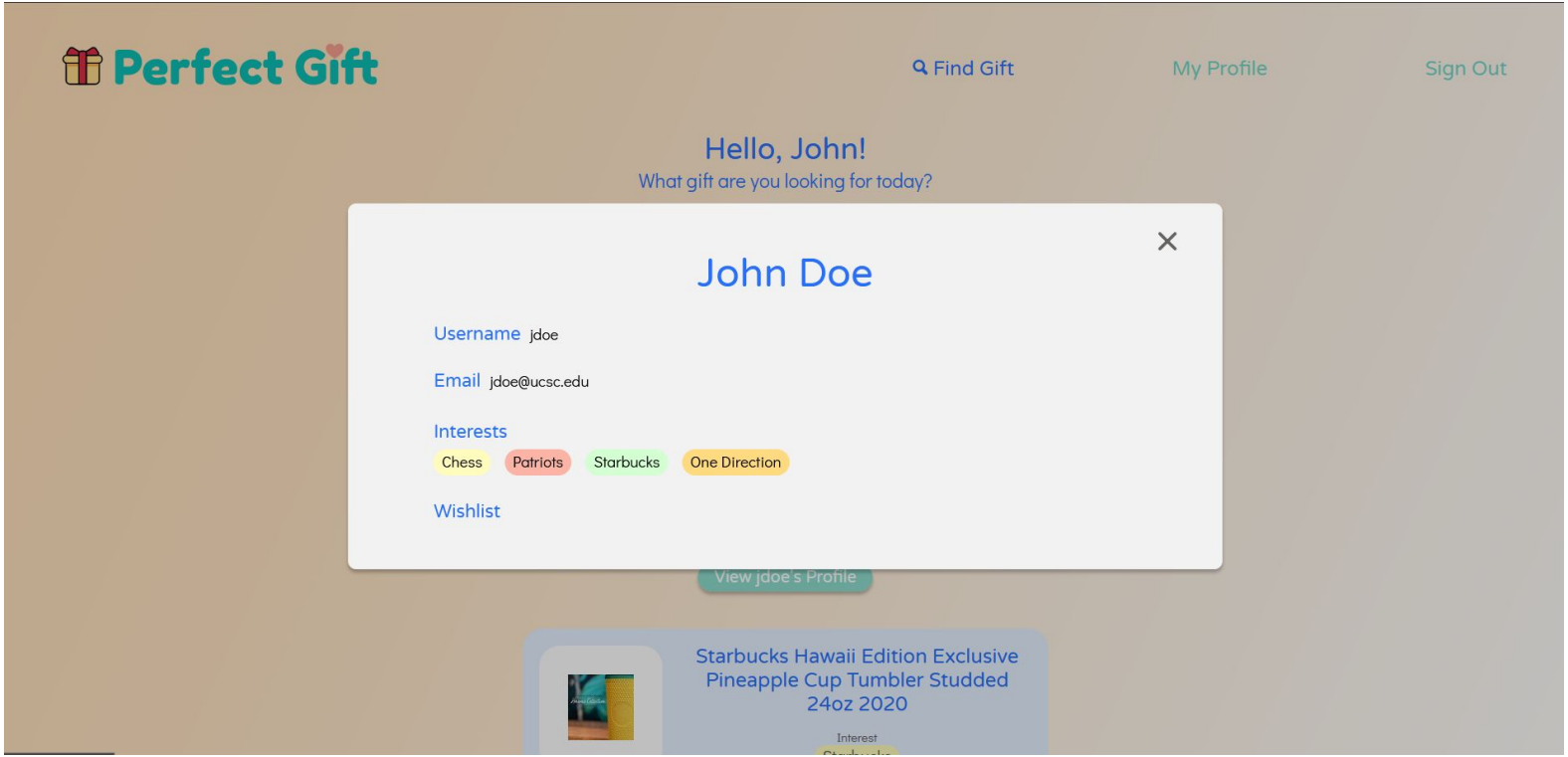
Favorite genre?

Favorite musician?

Favorite band?

Profile Page

Home Page

Perfect Gift
Find Gift
My Profile
Sign Out
Hello, John!
What gift are you looking for today?
Username/Email
jdoe
View jdoe's Profile
Starbucks Hawaii Edition Exclusive Pineapple Cup Tumbler Studded 24oz 2020
Interest
Starbucks

Home Page with Profile Popup