



The Gifters

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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

Server: nginx/1.18.0

Set-Cookie: userId=s%3AE1ZYe5e26IDy50p9FSC82xHdHct1I5L7.Jra46mhxfnA%2BasKhqdo6dBxRJXHJH
NKDwtd%2Fg5ki0rs; Path=/; Expires=Sun, 21 Feb 2021 22:16:30 GMT; HttpOnly ▲

This Set-Cookie didn't specify a "SameSite" attribute and was defaulted to "SameSite=Lax," and was blocked because it came from a cross-site response which was not the response to a top-level navigation. The Set-Cookie had to have been set with "SameSite=None" to enable cross-site usage.

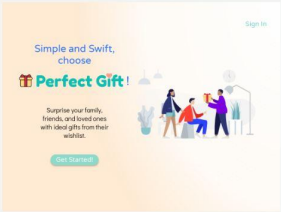
Set-Cookie: userId=s%3A01a-jbba0LXDW2Wx3pgmcGJvMBonnDh7.Knm0v6p0
wRpNn6TfJPGN45c00chBP0nizosT37kFSVg; Path=/; HttpOnly; SameSite
=None ▲

This Set-Cookie was blocked because it had the "SameSite=None" attribute but did not have the "Secure" attribute, which is required in order to use "SameSite=None".

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

aws-frontend
Continuous deploys set up



Simple and Swift, choose
Perfect Gift!
Surprise your family, friends, and loved ones with ideal gifts from their wishlist.
[Get Started](#)

<https://aws-frontend...amplifyapp.com>

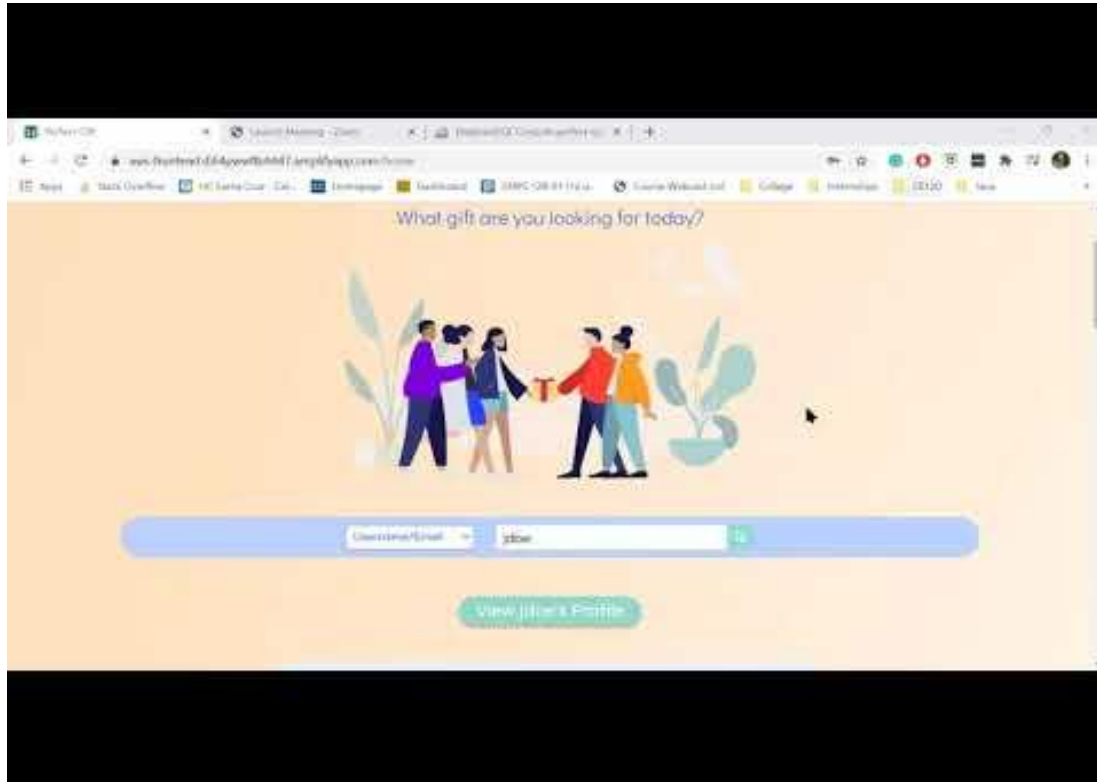


Provision Build Deploy Verify

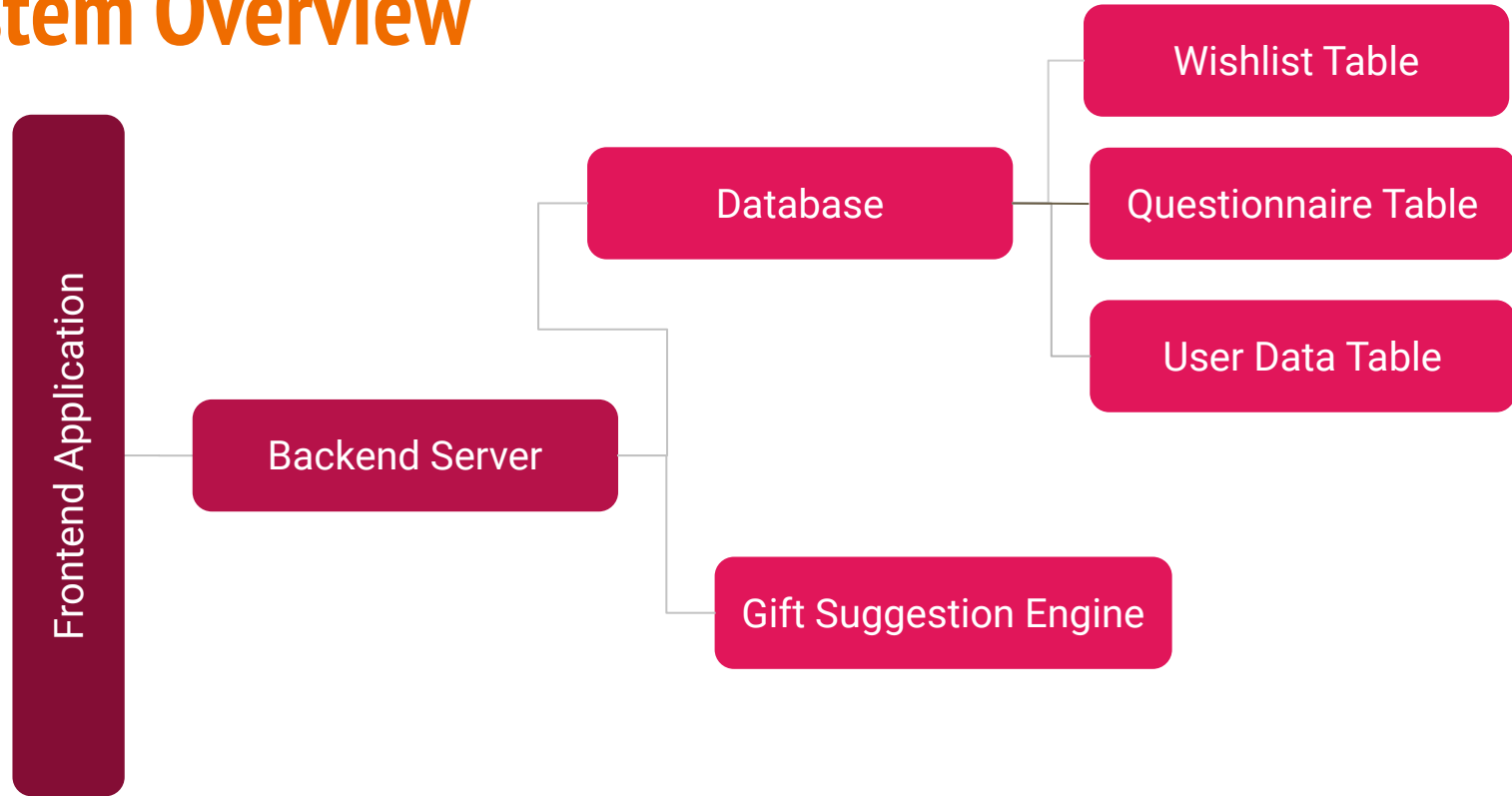
| | | |
|--|--|----------------------|
| Last deployment 3/5/2021, 10:04:40 AM | Last commit Merge branch 'master' into aws... d531640 GitHub - aws-frontend | Previews Disabled |
|--|--|----------------------|

Demo

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



System Overview



Technology/System Overview

Frontend Application



ReactJS



AWS Amplify

Database



PostgreSQL

PostgreSQL

Backend Server



Node.js,
Express



AWS Elastic
Beanstalk

Gift Suggestion Engine



eBay
Shopping API

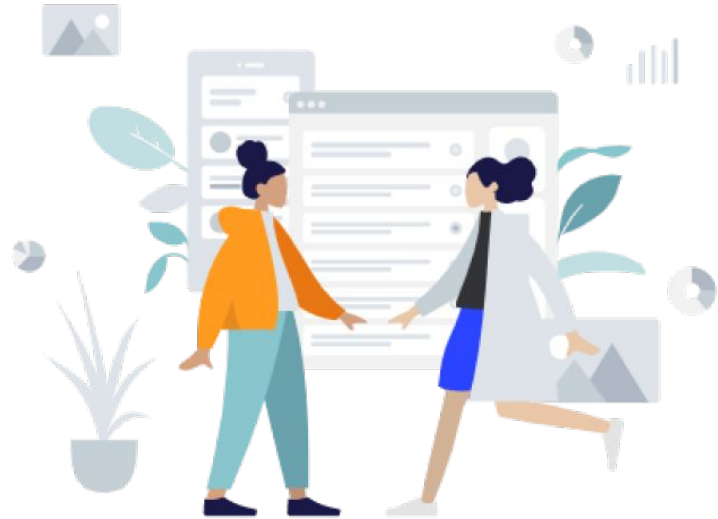
Project Management Techniques

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

Simple and Swift, choose

 **Perfect Gift!**

Surprise your family, friends, and loved ones with
ideal gifts from their wishlist.

Get Started!

[Sign In](#)



Sign In Page



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.



Favorite indoor activity?

Favorite movie/TV show?

Favorite video game?



Favorite outdoor activity?

Favorite place to visit?

Favorite store?



Favorite sport?

Favorite sports team?

Favorite exercise?

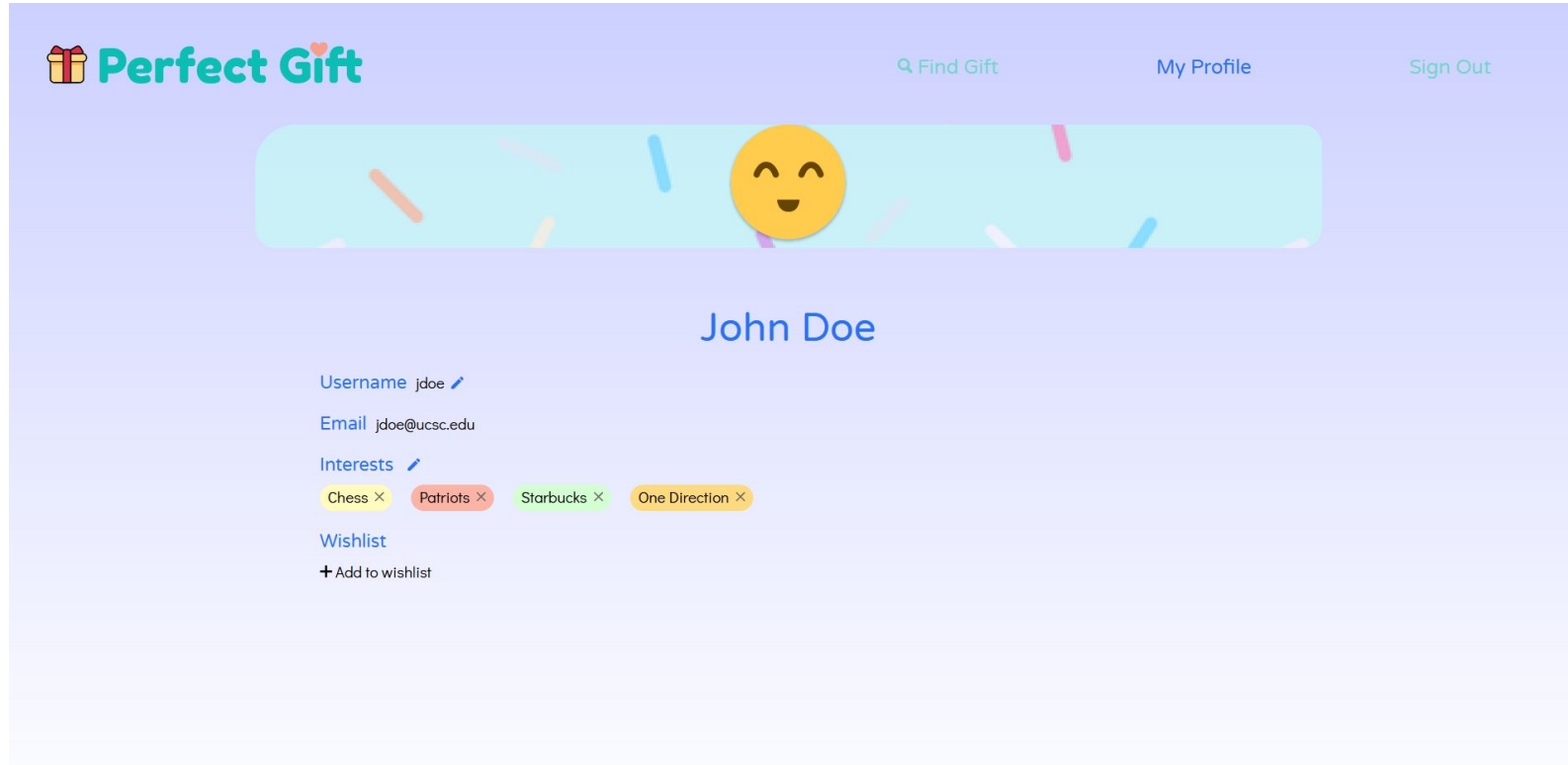


Favorite genre?

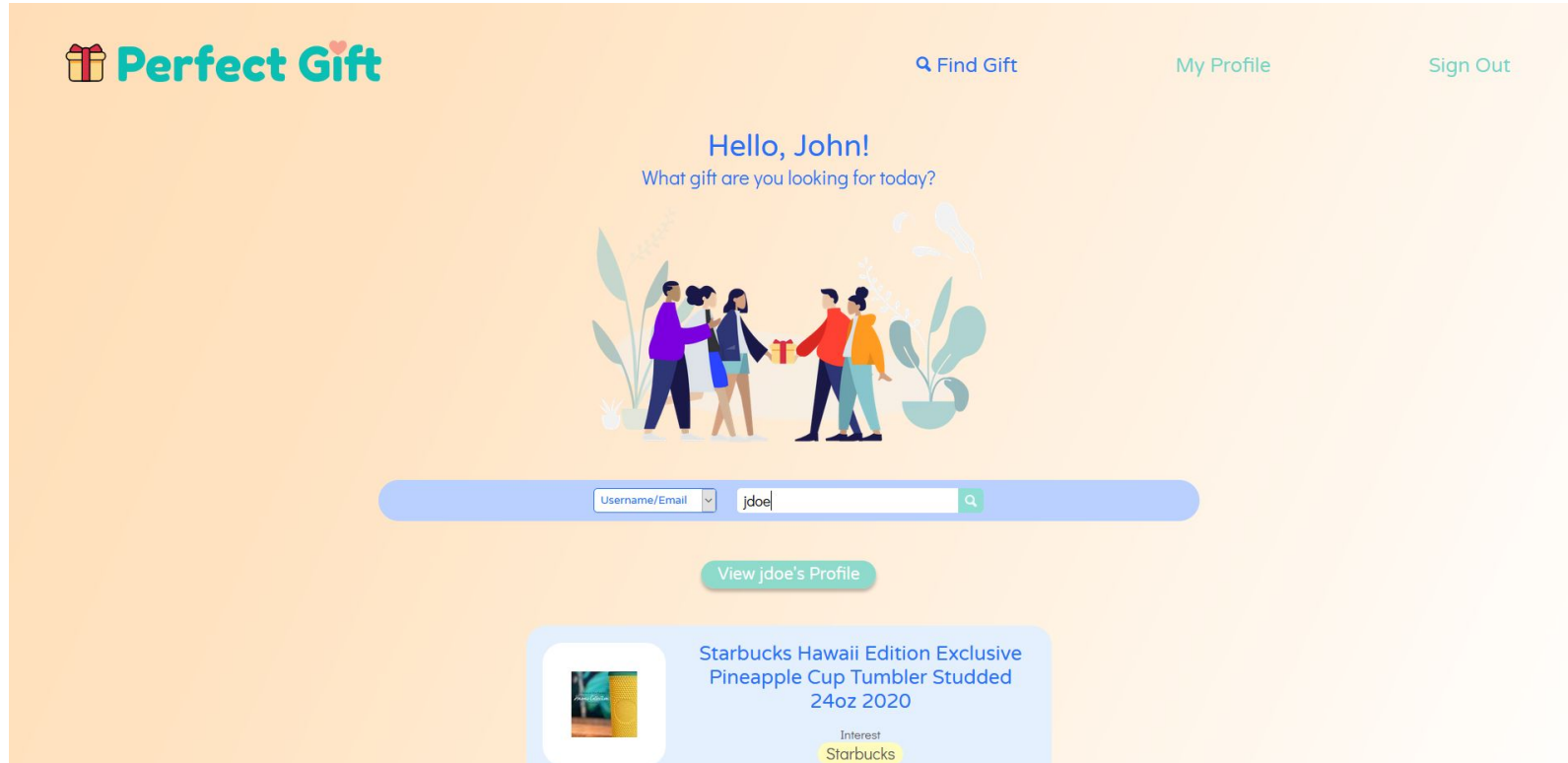
Favorite musician?

Favorite band?

Profile Page



Home Page



Home Page with Profile Popup

