



dropshop

Bootcamp project by Varun, Kajal and Zoe

<https://main.d2922mu7lfy8l8.amplifyapp.com/>

What is dropshop?

eCommerce Industry

01

Wanted to tap into the multibillion dollar eCommerce industry. Many business benefit from eCommerce websites. Helps business and individuals grow and gain exposure.

Similar to Amazon and eBay

02

eCommerce web app that is comparable to eBay or Amazon. Sells a variety of products (for resell and business), broad range of usecases.

Targets all demographics

03

Target every demographic because the user can buy and sell anything.



What are the features?

- Login and Signup
- Search products
- Sell products
- Write reviews for products
- Buy products
- View profile details
- Message other users



How did we make dropshop?

 dropshop

Week One

- Login (email + password) + authentication (access + refresh tokens)
- Search for products (including filters for categories + sort by price)



Week Two

- Sell products to the market
- Add Reviews to products
- Buying products and add them to cart (and modify quantity)



Week Three

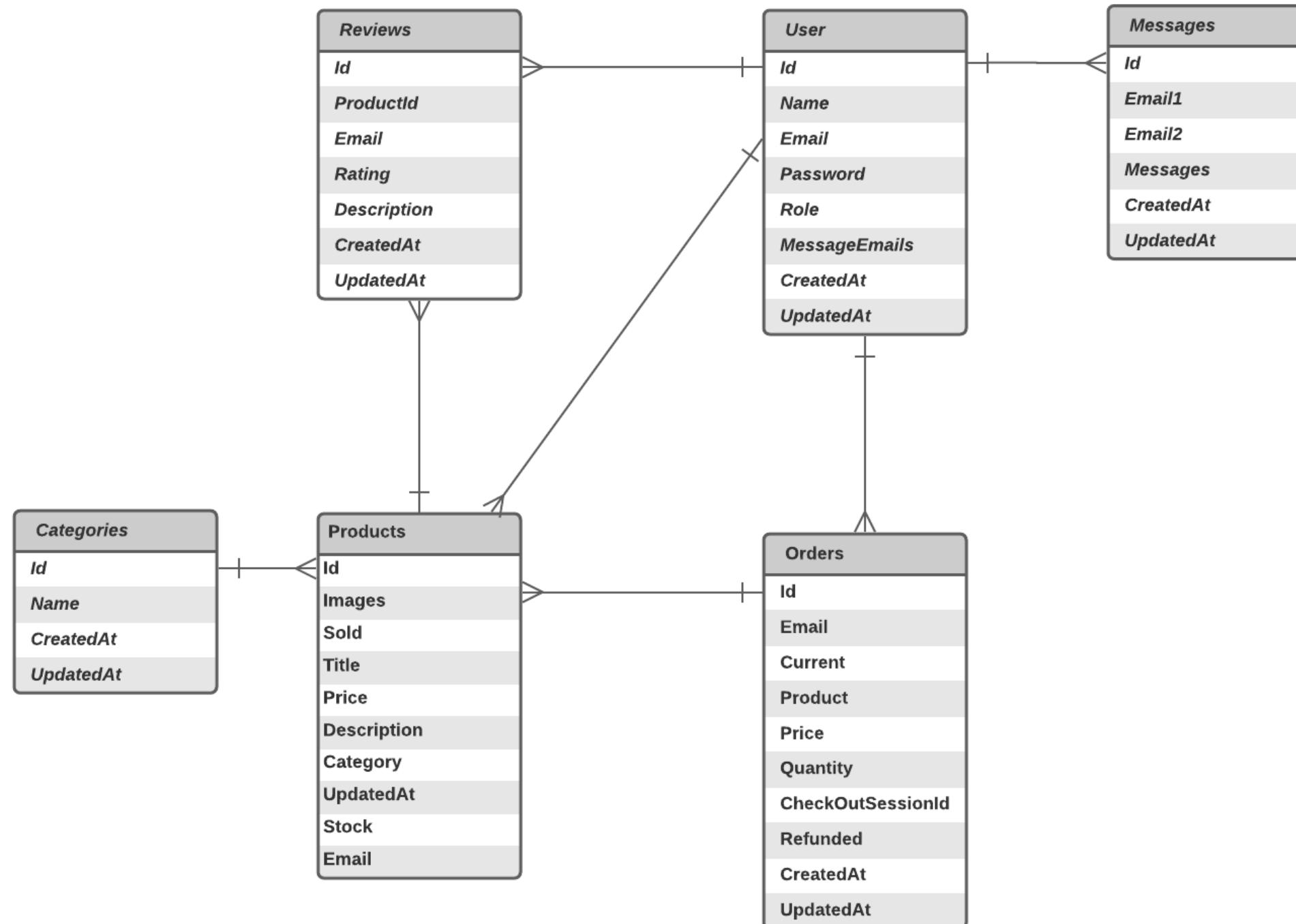
- Credit card payments and refunds using Stripe API
- Deployed to Vercel but too slow so switched to AWS Amplify



Week Four

- Messaging feature
- Refactored code base
- Unit testing with Jest

Database Diagram dropshop



Tech Stack

Frontend:

- HTML, CSS, Tailwind, TS, React, Next

Backend:

- TS, Node, Mongoose, MongoDB Atlas

Cloud:

- AWS Amplify

IDE:

- VS Code

APIs:

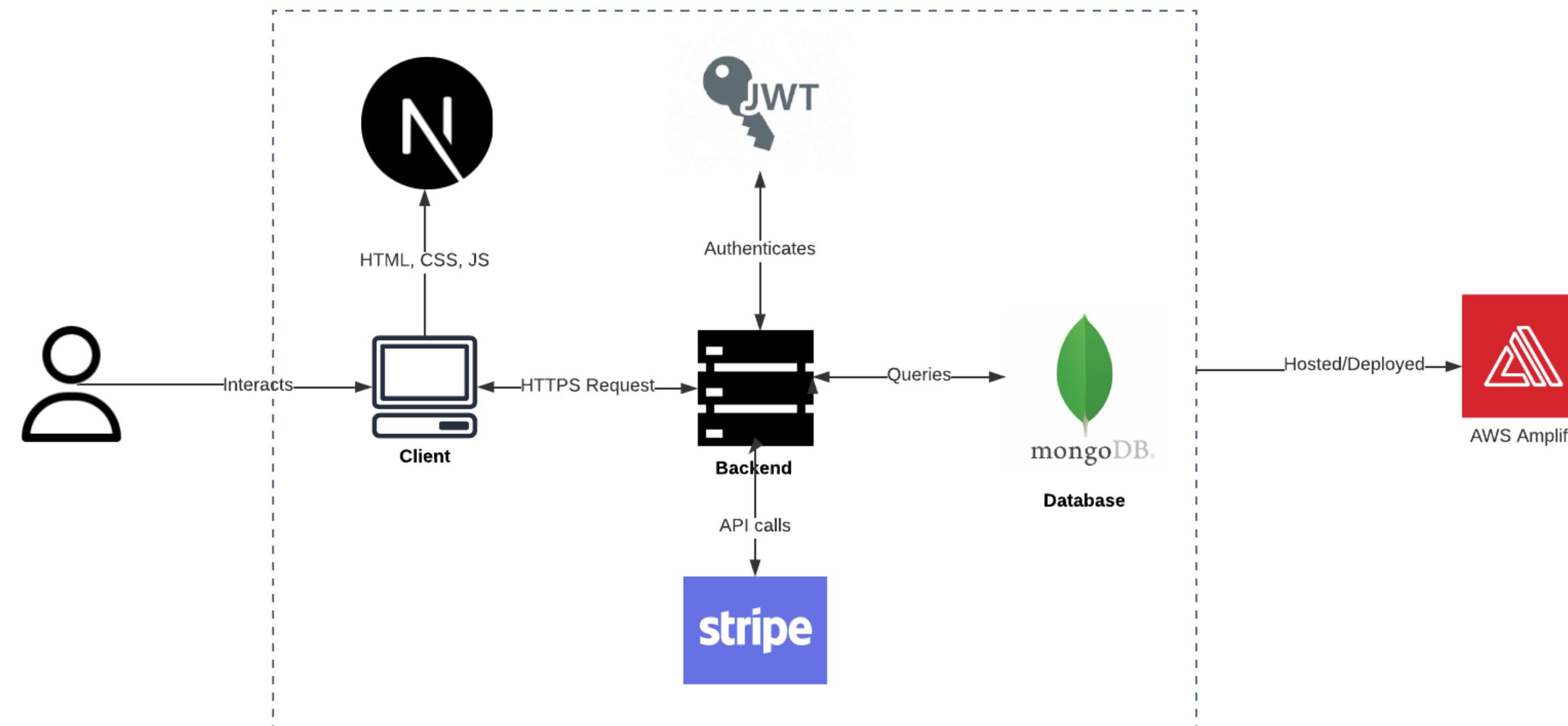
- Stripe

Testing:

- Jest



AWS Architecture



Demo

Visit:

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