

Bespoke Nails

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MERN WEB APP



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Bespoke Nails

known for creating unique and highly detailed hand-painted designs for nails, is based in the UK, and has an established Instagram platform.

Brief

WEB APPLICATION WITH ADMIN DASHBOARD AND ORDER CAPABILITY

The purpose of the application is to extend the online platform and functionality for "Bespoke Nails" to digitally manage orders and queries more easily during the work from home era. The application allows orders to be made online for press-on nails either for a pre-made design or by creating a custom order. The application allows the admin user to view and manage all orders and all queries in their dashboard, and manage the products in the shop. The customer is able to see examples of work in the 'Lookbook', view information in the 'About' page, order products from the shop or create a custom order and contact the admin via a query form. The customer receives an order or query confirmation for future reference. The data is persisted in a cloud Mongo database (Atlas), and AWS S3 storage bucket for image upload.



beyond MVP

- AWS S3 INTEGRATION FOR FILE UPLOAD
- MAILING LIST

SERVER

Passport, MongoDB (Atlas), AWS S3,
Multer, Mongoose, Connect Mongo,
Cors, Body-parser, dotenv

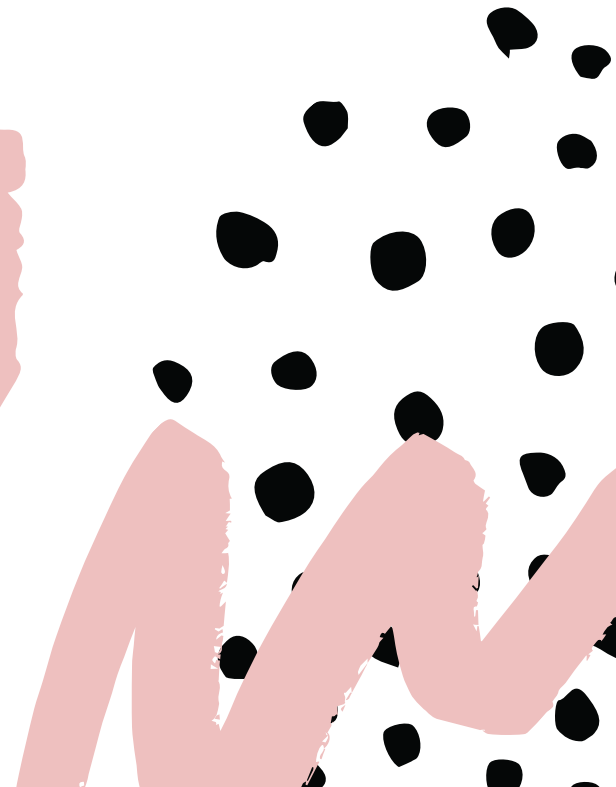
CLIENT

Axios, Styled Components, React
Instagram Embed

TESTING

Mocha, Manual testing HTTP Client,
Cypress for E2E integration

Tech





PLAN

Figma Prototype, Trello cards,
Pair programming, templates,
MongoDB Atlas.

SERVER

CRUD functionality built into
Express Server, Mocha &
Manual testing.

CLIENT

React functional components
& State. Cypress.

STYLE

Styled Components, embed,
review and fix. Documentation.





CHALLENGES

AWS S3 integration, Cypress testing of file upload. Kept deleting the .env. Published AWS credentials, whoops.

GITFLOW

Hot tip* Remember to make a branch and delete old branches.

We used a forking feature branch workflow and it actually worked well.



WINS

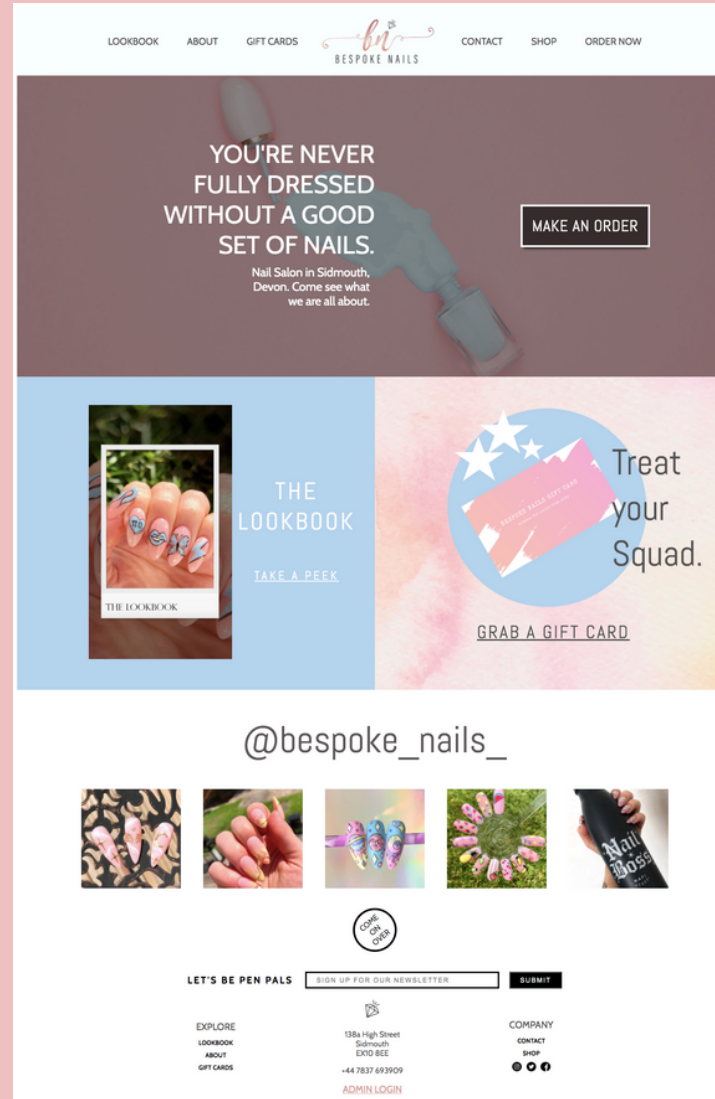
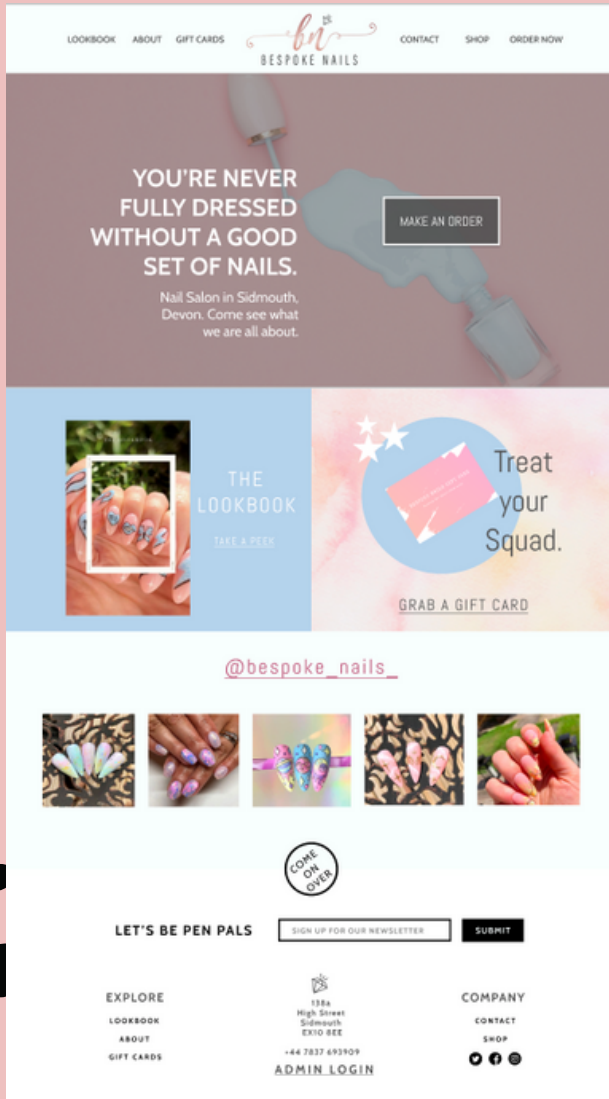
Worked as a great team! Styling. S3 works. Achieved beyond the MVP. Very few merge conflicts due to lots of chats.

MANAGEMENT

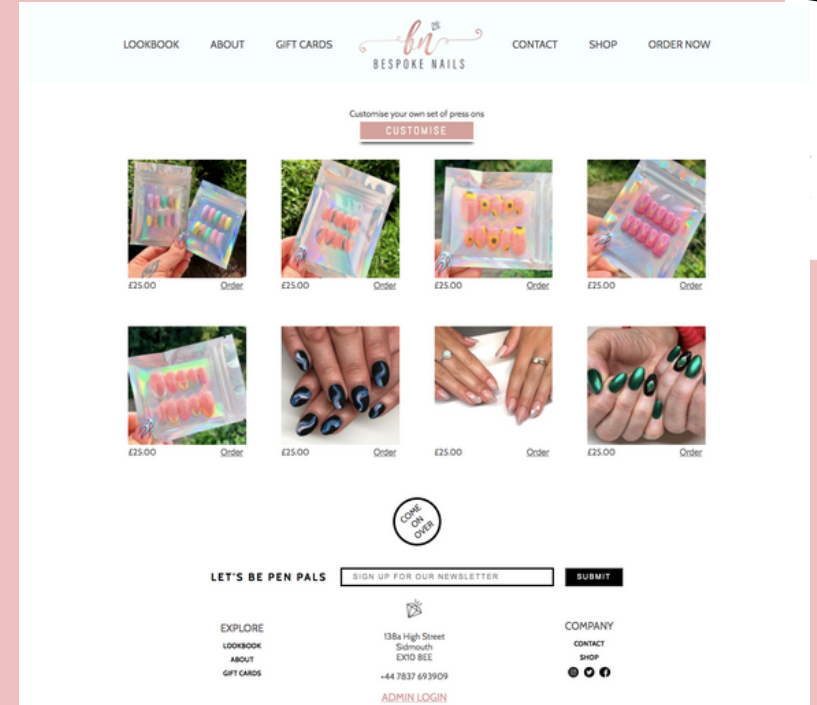
Pair programming, help troubleshooting, passing back and forth.

"Do you want to merge?"

PROTOTYPE VS APP



PROTOTYPE VS APP



Client Satisfaction Ratings

Prediction*

Demo?

<https://bespoke-nails.netlify.app/>

*Graphs are not based on any actual data. Just a general vibe.

