

Cottage Bookings

By Frank Lavery



Cottage Bookings

- Responsive application that gives Property Owners a platform to display their property and obtain bookings
- Guests can/will be able to look over the site and make a booking request at any time. Guests can return to check on the status of bookings anytime.
- Owners can decide what to show on the website and update details as needed

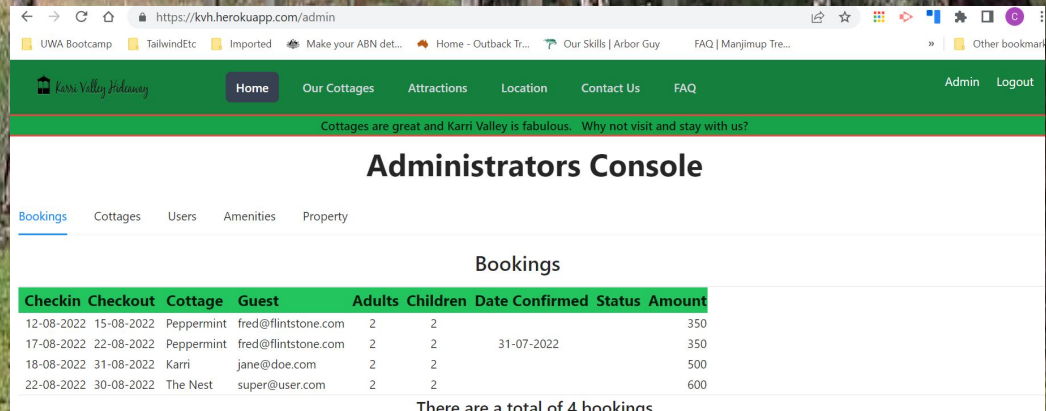
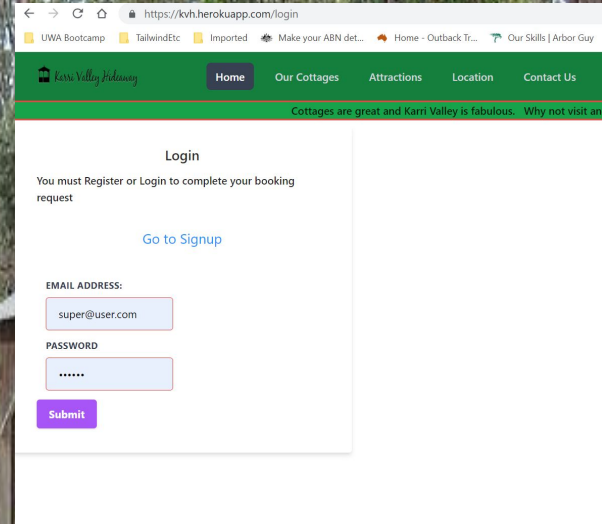
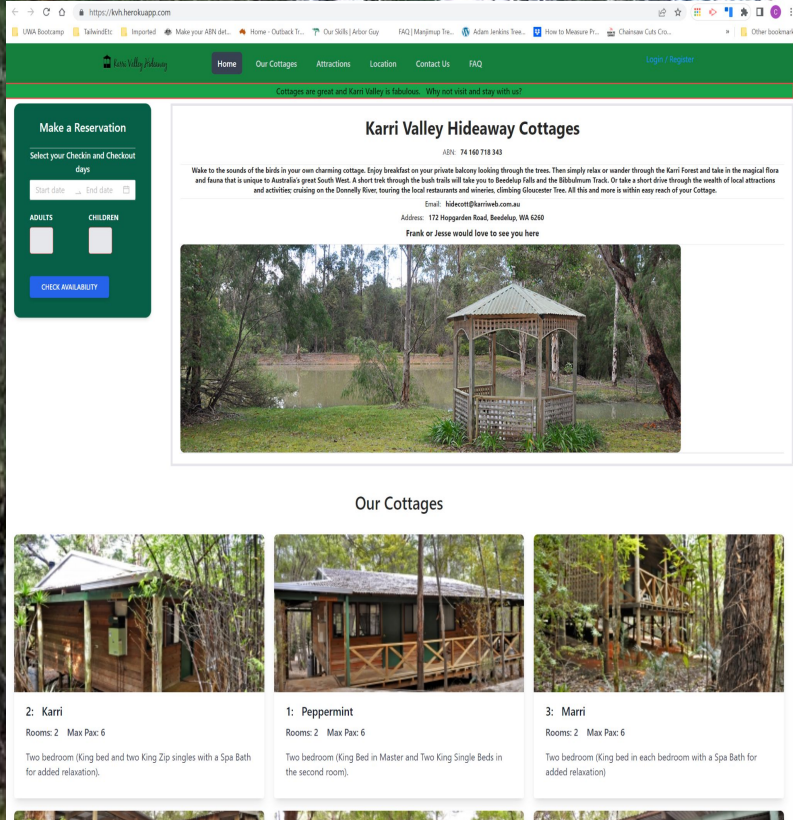
Concept

- As an Owner, we want to be able to display my property and received bookings. We want full control over displays and bookings. We need to know data is secure.
- As a User, I want to be able to look over some images and see if I want to stay. Once decided, I want to be able to make a booking. I want to know my data is secure.
- Motivation for development: Our existing web-site is looking tired - it is around ten years old. We are also limited in what we can do with it. Need something with a more modern look, retaining existing functionality and adding that which has been frustrating over the years.

Process

- Technologies used:
 - Mongo(DB/ose)ExpressReactNode Stack
 - Apollo Server / Client & GraphQL for Server/Client interface
 - Tailwind / Headless used for styling
 - Antd (with Moment) provided components for Date Selection and Tabs
 - bCrypt, Dotenv & JWT Token used for securing data and user authentication
 - Youtube / Google were somewhat helpful albeit time-consuming
 - Payment by Stripe not used as do not want direct payments made
- Challenges: REACT, REACT, REACT! More specifically, navigating to the right component at the right time with the information gathered. Time has also been a major challenge...
- Successes: Few and far between at this point, but can see light at the end of the tunnel.

Demo



Directions for Future Development

- Continue learning React and complete the application
 - Provide at least existing functionality
 - Ensure smooth user experience and frictionless booking mechanism
- Email out confirmations of request and confirmations of bookings.
- Ensure security in collection of credit card details.

Links

- Repository at:
 - <https://github.com/Cancer2806/KVH>
- Currently deployed:
 - <https://kvh.herokuapp.com/>