

### 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! 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.





2: Karri Rooms: 2 Max Pax: 6

Two bedroom (King bed and two King Zip singles with a Spa Bath for added relaxation).



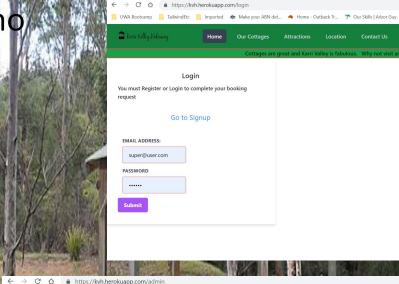
1: Peppermint Rooms: 2 Max Pax: 6

Two bedroom (King Bed in Master and Two King Single Beds in the second room).



3: Marri Rooms: 2 Max Pax: 6

Two bedroom (King bed in each bedroom with a Spa Bath for added relaxation)





#### **Administrators Console**

Bookings Cottages Users Amenities Property

#### **Bookings**

Checkin	Checkout	Cottage	Guest	Adults	Children	Date Confirmed	Status Amount
12-08-2022	15-08-2022	Peppermint	fred@flintstone.com	2	2		350
17-08-2022	2 22-08-2022	Peppermint	fred@flintstone.com	2	2	31-07-2022	350
18-08-2022	31-08-2022	Karri	jane@doe.com	2	2		500
22-08-2022	30-08-2022	The Nest	super@user.com	2	2		600

There are a total of 4 bookings

# 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:
  - o <a href="https://github.com/Cancer2806/KVH">https://github.com/Cancer2806/KVH</a>

- Currently deployed:
  - https://kvh.herokuapp.com/