

# 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, mine and Javascripts, has also been a major challenge...
- Successes: CRUD functioning, Authentication, Date Selection.

# Demo

https://kvh.herokuapp.com/

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### Make a Reservation

Select your Checkin and Checkout days

Start date End date

ADULTS CHILDREN

0 0


CHECK AVAILABILITY

### Karri Valley Hideaway Cottages


ABN: 74 160 718 343

Wake to the sounds of the birds in your own charming cottage. Enjoy breakfast on your private balcony looking through the trees. Then simply relax or wander through the Karri Forest and take in the magical flora and fauna that is unique to Australia's great South West. A short trek through the bush trails will take you to Beedelup Falls and the Bibbulmun Track. Or take a short drive through the wealth of local attractions and activities; cruising on the Donnelly River, touring the local restaurants and wineries, climbing Gloucester Tree. All this and more is within easy reach of your Cottage.


Email: [hidecott@karriweb.com.au](mailto:hidecott@karriweb.com.au)  
Address: 172 Hoggarden Road, Beedelup, WA 6260  
Frank and Jesse would love to see you here




### Our Cottages






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



**1: Peppermint**  
Two bedroom (King Bed in Master and Two King Single Beds in the second room).



**3: Marri**  
Two bedroom (King bed in each bedroom with a Spa Bath for added relaxation)



https://kvh.herokuapp.com/login

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### Login

You must Register or Login to complete your booking request

Go to Signup

EMAIL ADDRESS:

super@user.com

PASSWORD

\*\*\*\*\*

Submit

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