# **Beach Cottage Viewer:**

Website name:Beach Cottage Viewer Report and Website constructed by:Mitchell Knopf

## Description

This website is mainly a repository for Beach Cottage information as well as who to get in contact with if one wishes to buy said cottage. This was set up in this way as cottages and any real estate is usually owned by a company or a private agent in order to sell the property. As this website wishes to connect buyers with realtors and agents, a cart was not implemented as this website doesn't have any intention of selling these products, just to inform you of them. In the place of this, users are able to favorite properties in order to keep up with them and contact sellers when they are ready.

One other minor assumption that is made on the designers part is that it will be impossible to add administrator users natively. Instead these users will need to be edited through the database. I did this in order to increase the protection as well as decrease the workload of creating this website. Items are soft deleted by labeling them as unavailable. Admins are still able to access these items, as they are soft deleted, but no other user may do so.

Please note that you are not able to register admin users without messing with the database components. Each user will have an isadmin variable. Set that to true and therefore you have made an admin user.

## **Database Design:**

The database has two collections: cottages and accounts. Cottages hold information relating to cottages and the items Accounts hold the user information as well as weather or not they are admins. The favorites list is also stored in this area:

User table:

_id	Primary key,autogenerated
User name	string
salt	Password information
hash	Password information
_v	Password information
isadmin	Boolean, tells whether user is admin or not

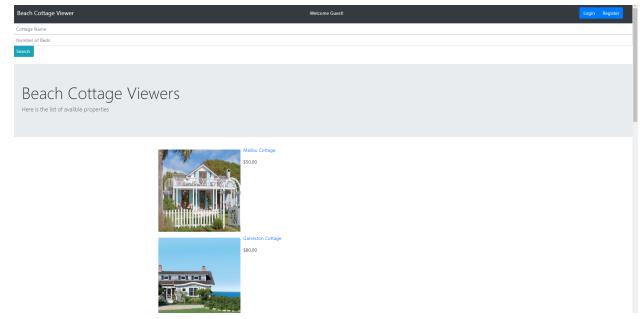
favorites	Array, holds forgien keys relating to cottage objects
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Cottage Table:

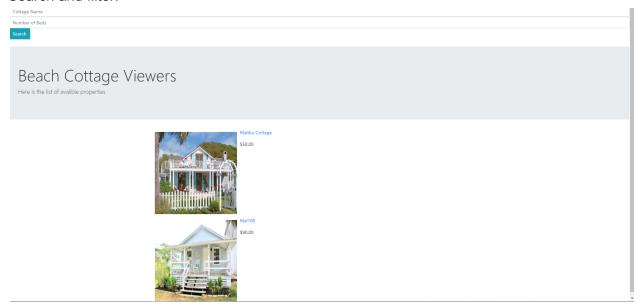
_id	Primary key,autogenerated
cottageName	string
numOfBeds	string
numOfBaths	string
reservations	Null, was planned for a cart, but domain didn't allow it
price	String
Desciption	String
image	String, contains url for image used for this cottage
avalibility	Boolean, tells us if the cabin has been deleted.
contact	String

## Functionality Screenshots:

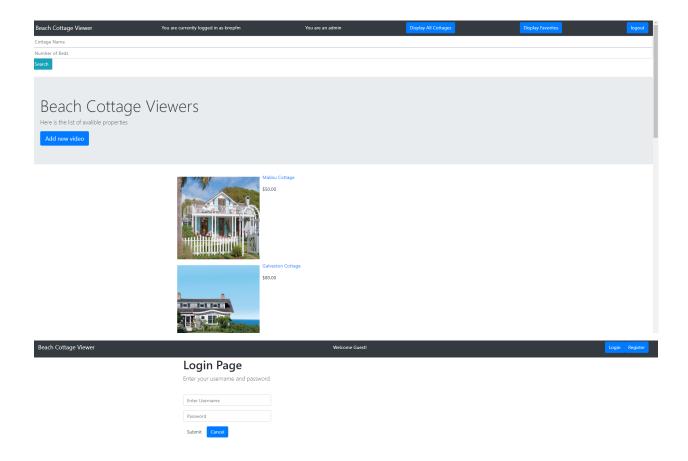
Initial view:



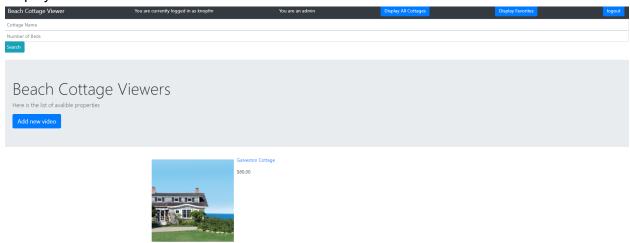
#### Search and filter:



Login:



### Display Favorites:



#### Cottage View:

Beach Cottage Viewer You are currently logged in as knopfm You are an admin Ouglay All Cottages Display favorities log

#### **Cottage View**



#### Galveston Cottage

Price \$80.00

This cottage has 3 beds and 2 bathrooms

You know what they say, things are always bigger in Texas

If you are interested in this property contact 1800-777-7777



#### Edit:

Beach Cottage Viewer You are currently logged in as knopfm You are an admin Display All Cottages Deplay Favorites logout

#### **Cottage View**



#### Galveston Cottage--edited

Price \$80.00

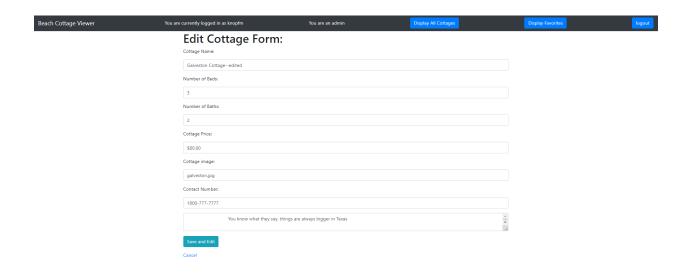
This cottage has 3 beds and 2 bathrooms

You know what they say, things are always bigger in Texas

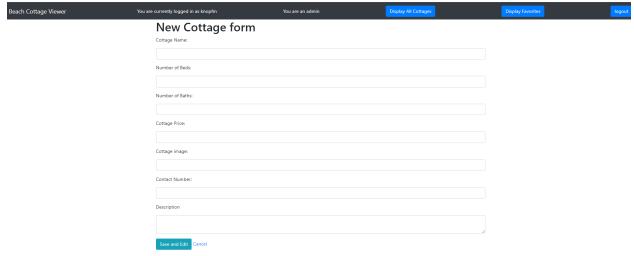
If you are interested in this property contact 1800-777-7777



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### New Cottage:



## Team Members:

Mitchell Knopf:mak160930

## Work Division:

All work was done by Mitchell Knopf.

Demo file is provided in the submission folder

Note:according to the professor I was given an extension until 12/9/21 . Please do not take off points for what elearning registers as a late submission.