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

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:

Cottage Name

Number of Beds

Search

Beach Cottage Viewers

Here is the list of avalible properties

Malibu Cottage

$50.00

Galveston Cottage

$80.00

Search and filter:

Cottage Name

Number of Beds

Search

Beach Cottage Viewers

Here is the list of avalible properties

Malibu Cottage

$50.00

Mal100

$90.00

Login:

Cottage Name

Number of Beds

Search

Beach Cottage Viewers

Here is the list of avalible properties

Add new video

Malibu Cottage

$50.00

Galveston Cottage

$80.00

Login Page

Enter your username and password.

Enter Username

Password

Submit   Cancel

Display Favorites:

Cottage Name

Number of Beds

Search

Beach Cottage Viewers

Here is the list of avalible properties

Add new video

Galveston Cottage

$80.00

Cottage View:

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 Cottage

Delete Cottage

Remove from Favorites

Back to List

Edit:

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

Edit Cottage

Delete Cottage

Remove from Favorites

Back to List

Edit Cottage Form:

Cottage Name:

Galveston Cottage--edited

Number of Beds:

3

Number of Baths:

2

Cottage Price:

$80.00

Cottage image:

galveston.jpg

Contact Number:

1800-777-7777

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

Save and Edit

Cancel

New Cottage:

New Cottage form

Cottage Name:

Number of Beds:

Number of Baths:

Cottage Price:

Cottage image:

Contact Number:

Description

Save and Edit Cancel

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.