**Hotel Reservation Site (with Contentful and Netlify)**

Npx create-react-app my-hotel

Dependencies: npm install react-icons, npm i react-router-dom –save

Note: react router dom won’t work directly with netlify and we need to configure some things.

* Go to: <https://github.com/john-smilga/setup-files-react-beach-resort> and download the file as zip then copy the \_redirects to public folder and other files to their designated folder
* Go to oyur index.js and import { BrowserRouter as Router } from "react-router-dom";
* Then wrap your app inside the router

**Creating Rooms Filter w/ React Context API**

Create context.js

Go to index.js and warp the entire app inside the context

Create the FeaturedRooms.js component and import it to your home

Create Loading.js

Create the Room.js component and input codes

Input codes to singleroom.js

Create a styledHero.js for styled components

Implement Roomslist

Implement RoomsFilter

“Setting up the data in a Graphical user interface” using **Contentful**

**Note: only 2 projects for free version**

*Go to Contentful.com and create a new space*

*Go to space home*

*Follow the documentation*

*Add content type and add field data*

* *select text, add name, select required validation*
* *Add slug, select required validation*
* *Add number: price (decimal), required validation*
* *Add type, select required validation*
* *Add number: size, required validation*
* *Add number: capacity, required validation*
* *Add Boolean, Pets and breakfast*
* *Add Boolean, featured rooms*
* *Add long text description, required (optional)*
* *Add json object: extras (required)*
* *Add image: many files (optional)*

Save the changes then go to content and add contents

“Contentful Integration”

Get the sdk: npm install contentful

Create file contentful.js

Go to settings of the contentful and create the api keys for your data (Add APi Key)

Copy and paste the **space id and the access token** to your contentful.js

Go to context.js and import the contentful.js

Go to content model > select your project > copy and paste the project id to your app contentful.js

***“Deploy using Netlify”***

*Login using github and create the new repo for your project*

*On your poject, create .env.development*

*Add the newly created env to your gitignore*

*Add the environment variable to to the newly created file*