Web App Design with React Week 3 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

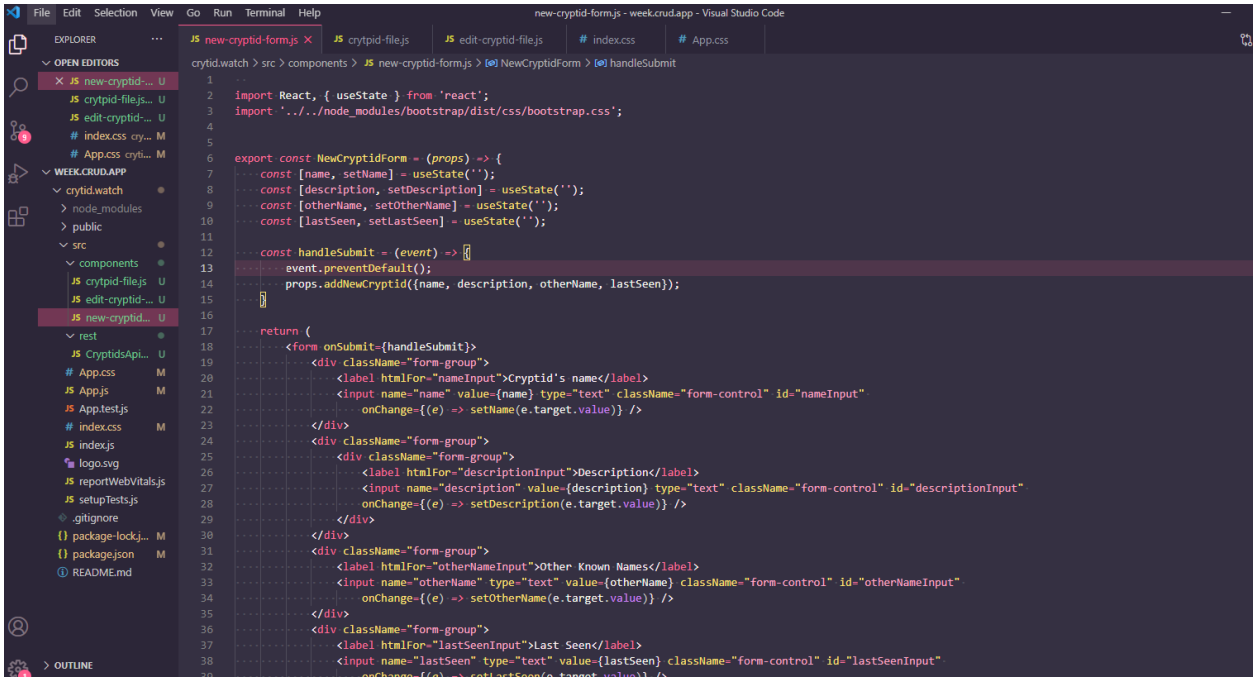
Instructions: In VS Code, or an IDE of your choice, write the code that accomplishes the objectives listed below. Ensure that the code compiles and runs as directed. Take screenshots of the code and of the running program (make sure to get screenshots of all required functionality) and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document, with your JavaScript project code, to the repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

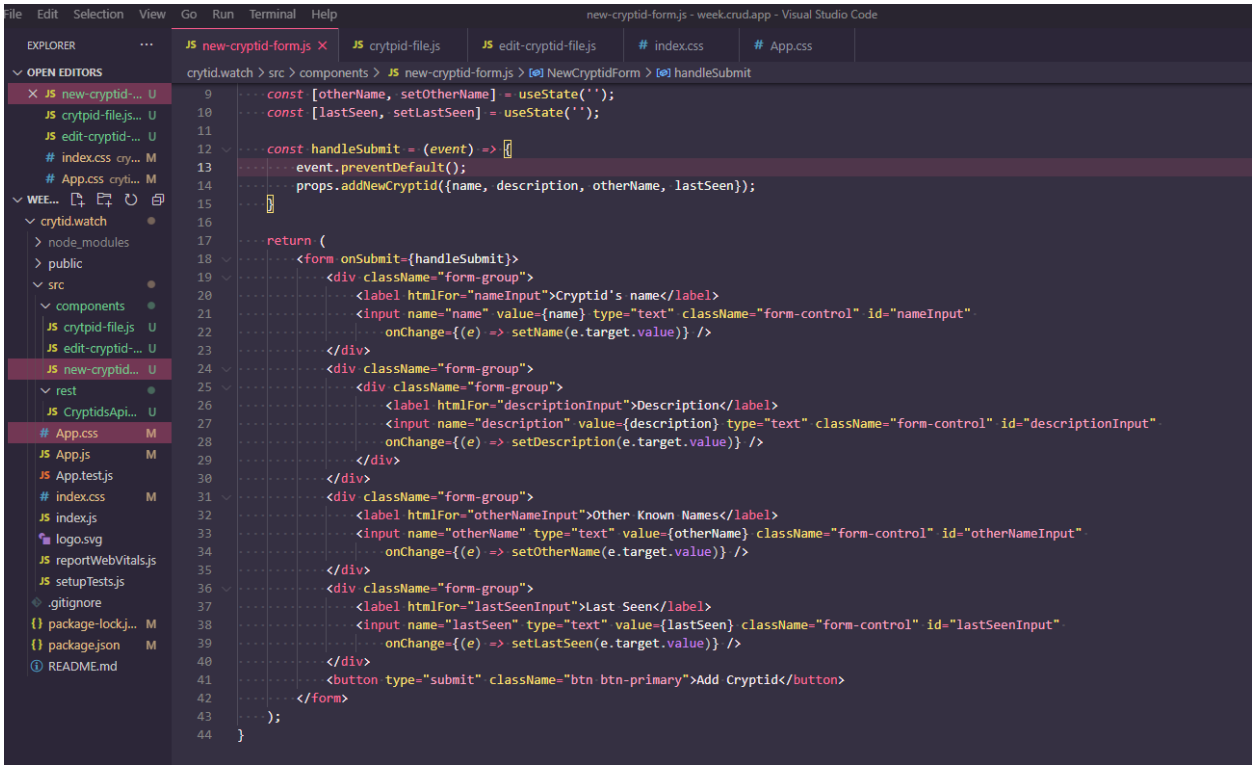
1. Using the Houses API, or any open API of your choice you can find online, create a single page that allows for all 4 crud operations to be performed on a resource from that API. Create a React component (or more, if needed) to represent the resource. Make all forms and other necessary UI pieces their own components as reasonable.

PROMINEO TECH

Screenshots of Code:

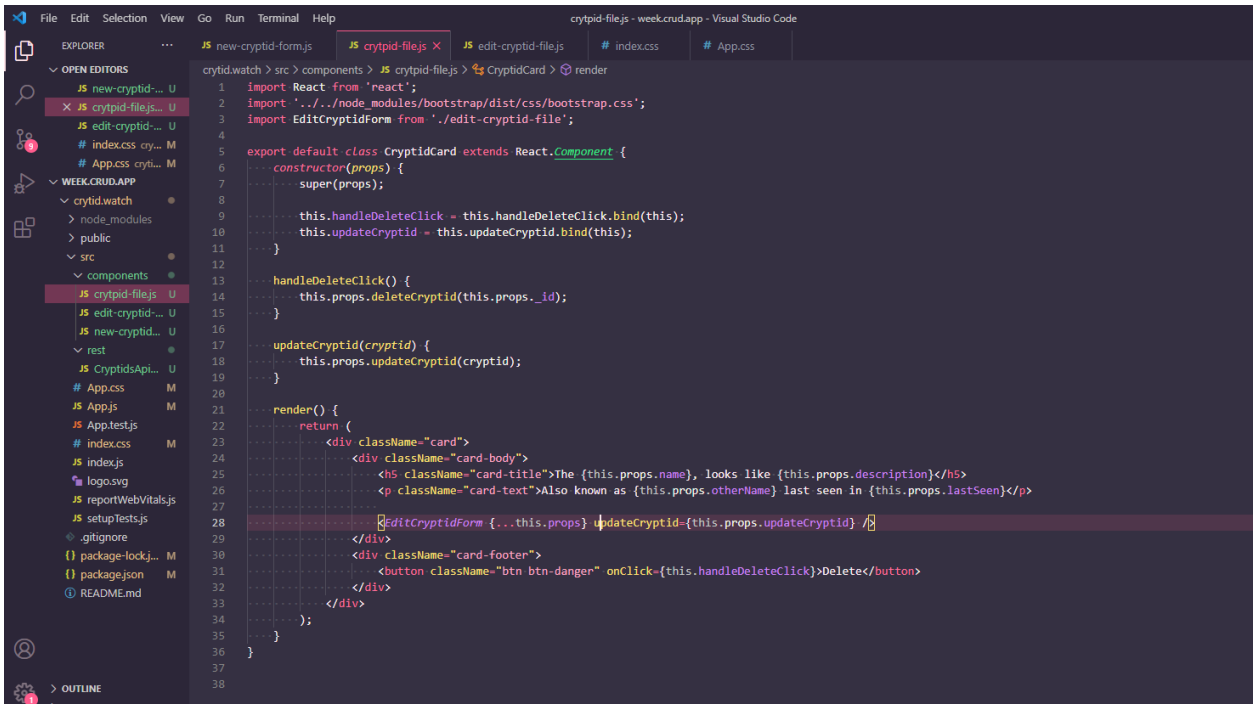


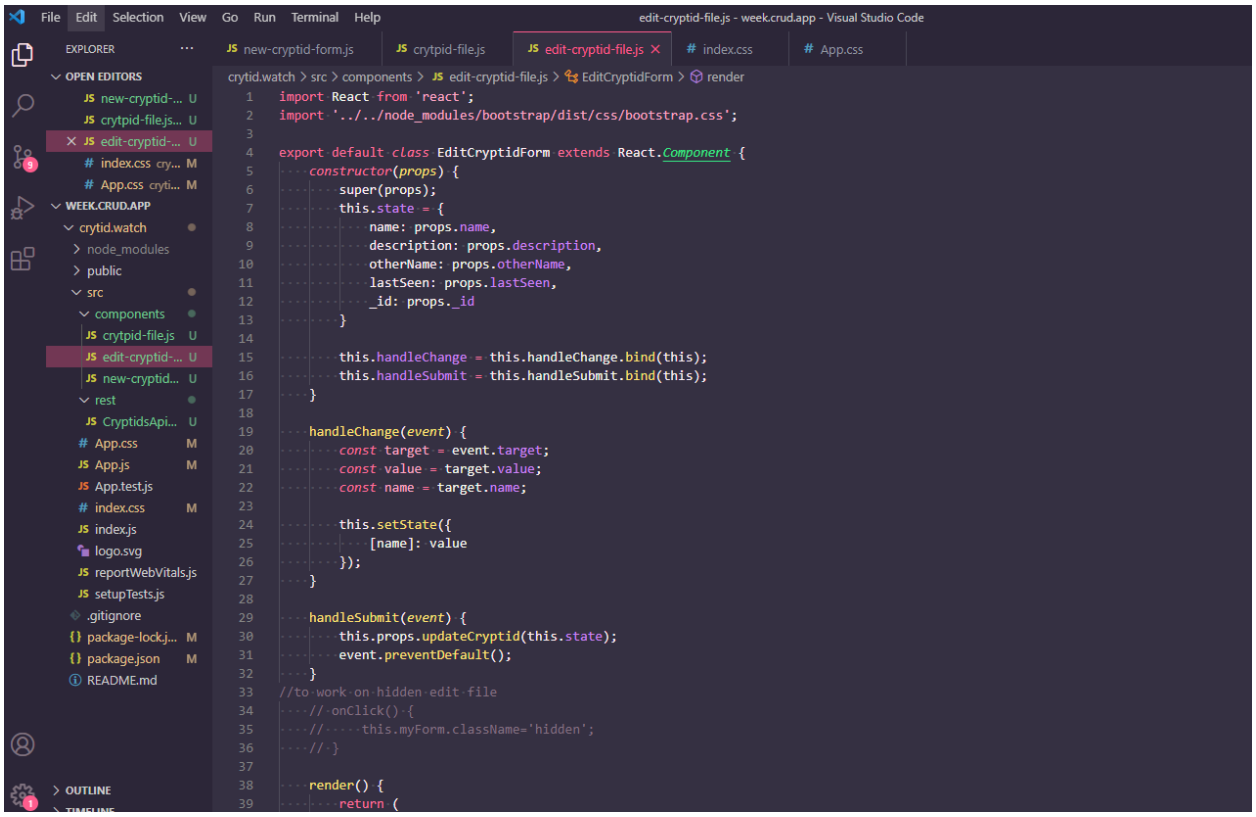
```
import React, { useState } from 'react';
import '../../node_modules/bootstrap/dist/css/bootstrap.css';


export const NewCryptidForm = (props) => {
    const [name, setName] = useState('');
    const [description, setDescription] = useState('');
    const [otherName, setOtherName] = useState('');
    const [lastSeen, setLastSeen] = useState('');

    const handleSubmit = (event) => {
        event.preventDefault();
        props.addNewCryptid({name, description, otherName, lastSeen});
    }

    return (
        <form onSubmit={handleSubmit}>
            <div className="form-group">
                <label htmlFor="nameInput">Cryptid's name</label>
                <input name="name" value={name} type="text" className="form-control" id="nameInput"
                    onChange={(e) => setName(e.target.value)} />
            </div>
            <div className="form-group">
                <div className="form-group">
                    <label htmlFor="descriptionInput">Description</label>
                    <input name="description" value={description} type="text" className="form-control" id="descriptionInput"
                    onChange={(e) => setDescription(e.target.value)} />
                </div>
            </div>
            <div className="form-group">
                <label htmlFor="otherNameInput">Other Known Names</label>
                <input name="otherName" type="text" value={otherName} className="form-control" id="otherNameInput"
                    onChange={(e) => setOtherName(e.target.value)} />
            </div>
            <div className="form-group">
                <label htmlFor="lastSeenInput">Last Seen</label>
                <input name="lastSeen" type="text" value={lastSeen} className="form-control" id="lastSeenInput"
```

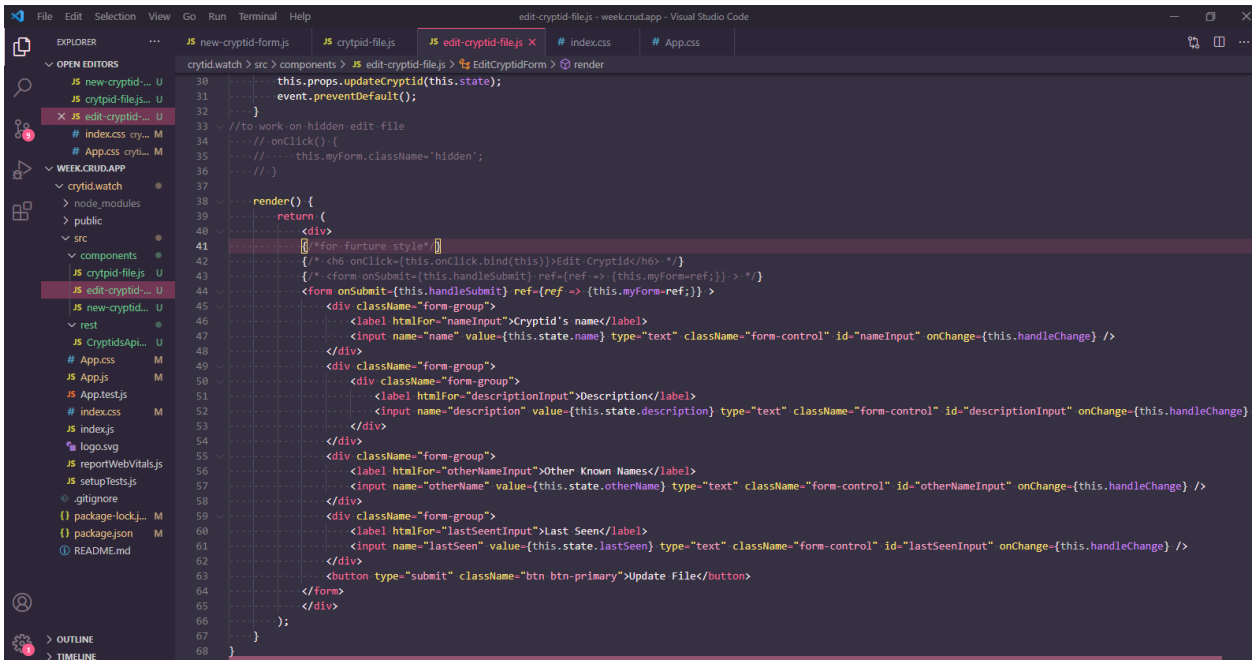


```
    const [otherName, setOtherName] = useState('');
    const [lastSeen, setLastSeen] = useState('');

    const handleSubmit = (event) => {
        event.preventDefault();
        props.addNewCryptid({name, description, otherName, lastSeen});
    }

    return (
        <form onSubmit={handleSubmit}>
            <div className="form-group">
                <label htmlFor="nameInput">Cryptid's name</label>
                <input name="name" value={name} type="text" className="form-control" id="nameInput"
                    onChange={(e) => setName(e.target.value)} />
            </div>
            <div className="form-group">
                <div className="form-group">
                    <label htmlFor="descriptionInput">Description</label>
                    <input name="description" value={description} type="text" className="form-control" id="descriptionInput"
                    onChange={(e) => setDescription(e.target.value)} />
                </div>
            </div>
            <div className="form-group">
                <label htmlFor="otherNameInput">Other Known Names</label>
                <input name="otherName" type="text" value={otherName} className="form-control" id="otherNameInput"
                    onChange={(e) => setOtherName(e.target.value)} />
            </div>
            <div className="form-group">
                <label htmlFor="lastSeenInput">Last Seen</label>
                <input name="lastSeen" type="text" value={lastSeen} className="form-control" id="lastSeenInput"
                    onChange={(e) => setLastSeen(e.target.value)} />
            </div>
            <button type="submit" className="btn btn-primary">Add Cryptid</button>
        </form>
    );
}
```

PROMINEO TECH






File Edit Selection View Go Run Terminal Help
edit-cryptid-file.js - week.crud.app - Visual Studio Code
EXPLORER
OPEN EDITORS
new-cryptid-... U
crytpid-file.js... U
edit-cryptid-... U
index.css cry... M
App.css cryti... M
WEEK.CRUD.APP
crytid.watch
node_modules
public
src
components
crytpid-file.js U
edit-cryptid-... U
new-cryptid... U
rest
CryptidsApi... U
App.css M
App.js M
App.test.js
index.css M
index.js
logo.svg
reportWebVitals.js
setupTests.js
.gitignore
package-lock.j... M
package.json M
README.md
OUTLINE
TIMELINE
new-cryptid-form.js
crytpid-file.js
edit-cryptid-file.js
index.css
App.css
crytid.watch > src > components > edit-cryptid-file.js > EditCryptidForm > render
this.props.updateCryptid(this.state);
event.preventDefault();
}
//to work on hidden edit file
// onClick() {
// this.myForm.className='hidden';
// }
render() {
return (

{/*for furture style*/}
{/* <h6 onClick={this.onClick.bind(this)}>Edit Cryptid</h6> */}
{/* <form onSubmit={this.handleSubmit} ref={ref => {this.myForm=ref;}} > */}
<form onSubmit={this.handleSubmit} ref={ref => {this.myForm=ref;}} >

<label htmlFor="nameInput">Cryptid's name</label>
<input name="name" value={this.state.name} type="text" className="form-control" id="nameInput" onChange={this.handleChange} />

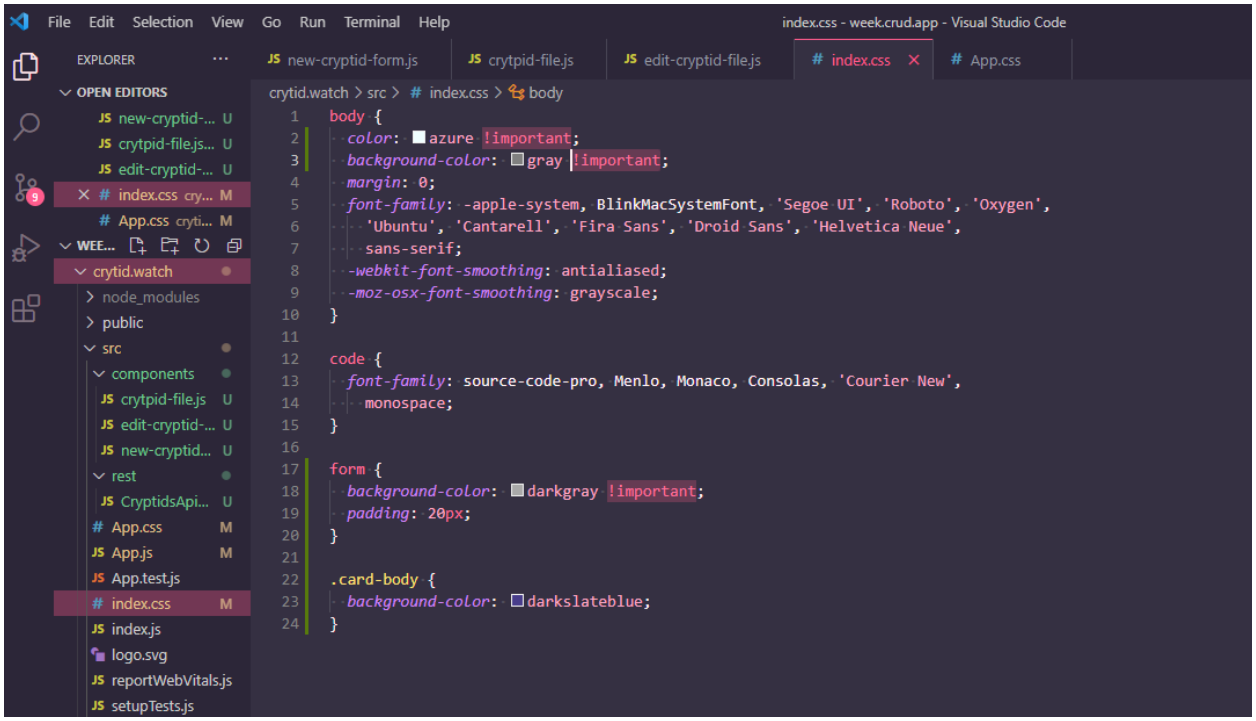
<label htmlFor="descriptionInput">Description</label>
<input name="description" value={this.state.description} type="text" className="form-control" id="descriptionInput" onChange={this.handleChange}

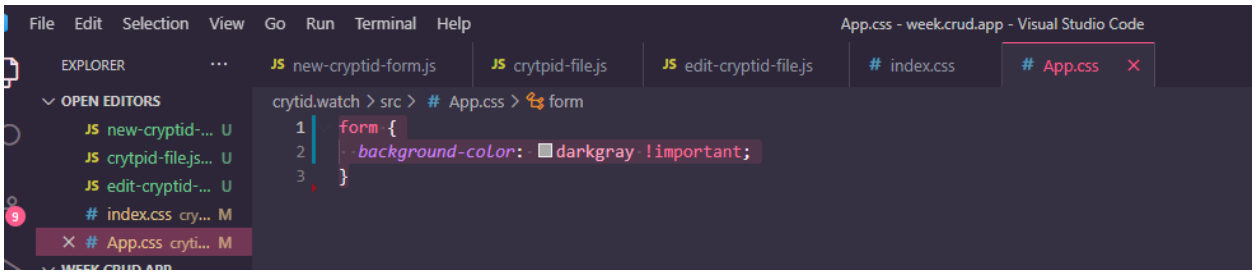
<label htmlFor="otherNameInput">Other Known Names</label>
<input name="otherName" value={this.state.otherName} type="text" className="form-control" id="otherNameInput" onChange={this.handleChange} />

<label htmlFor="lastSeentInput">Last Seen</label>
<input name="lastSeen" value={this.state.lastSeen} type="text" className="form-control" id="lastSeenInput" onChange={this.handleChange} />

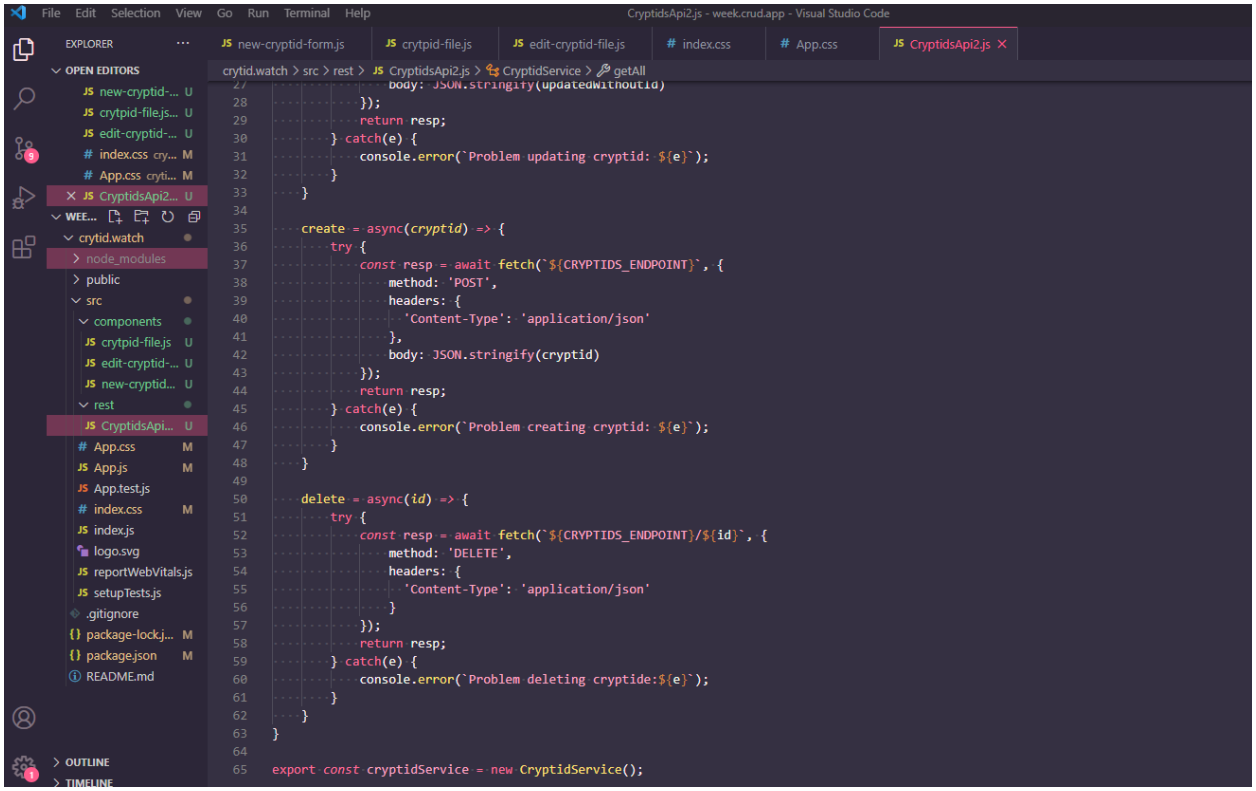
<button type="submit" className="btn btn-primary">Update File</button>
</form>

);
}
}

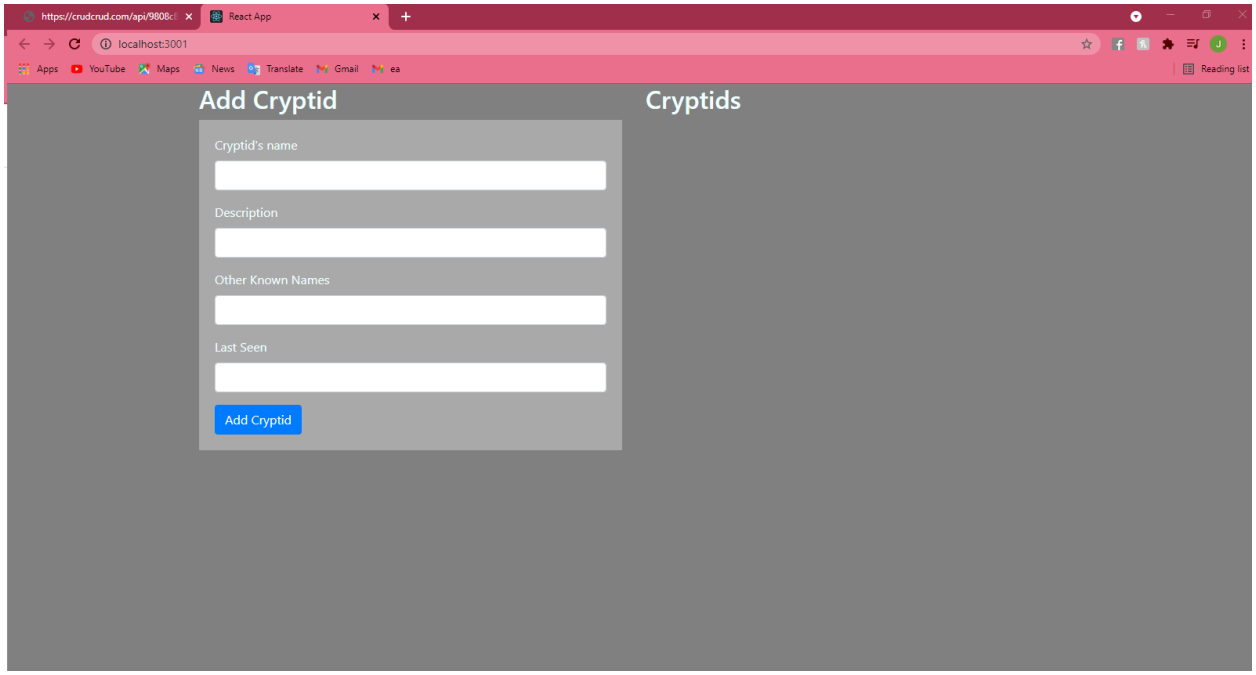

File Edit Selection View Go Run Terminal Help
index.css - week.crud.app - Visual Studio Code
EXPLORER
OPEN EDITORS
new-cryptid-... U
crytpid-file.js... U
edit-cryptid-... U
index.css cry... M
App.css cryti... M
WEE...
crytid.watch
node_modules
public
src
components
crytpid-file.js U
edit-cryptid-... U
new-cryptid... U
rest
CryptidsApi... U
App.css M
App.js M
App.test.js
index.css M
index.js
logo.svg
reportWebVitals.js
setupTests.js
new-cryptid-form.js
crytpid-file.js
edit-cryptid-file.js
index.css
App.css
crytid.watch > src > index.css > body
body {
color: azure !important;
background-color: gray !important;
margin: 0;
font-family: -apple-system, BlinkMacSystemFont, 'Segoe UI', 'Roboto', 'Oxygen',
'Ubuntu', 'Cantarell', 'Fira Sans', 'Droid Sans', 'Helvetica Neue',
sans-serif;
-webkit-font-smoothing: antialiased;
-moz-osx-font-smoothing: grayscale;
}
code {
font-family: source-code-pro, Menlo, Monaco, Consolas, 'Courier New',
monospace;
}
form {
background-color: darkgray !important;
padding: 20px;
}
.card-body {
background-color: darkslateblue;
}

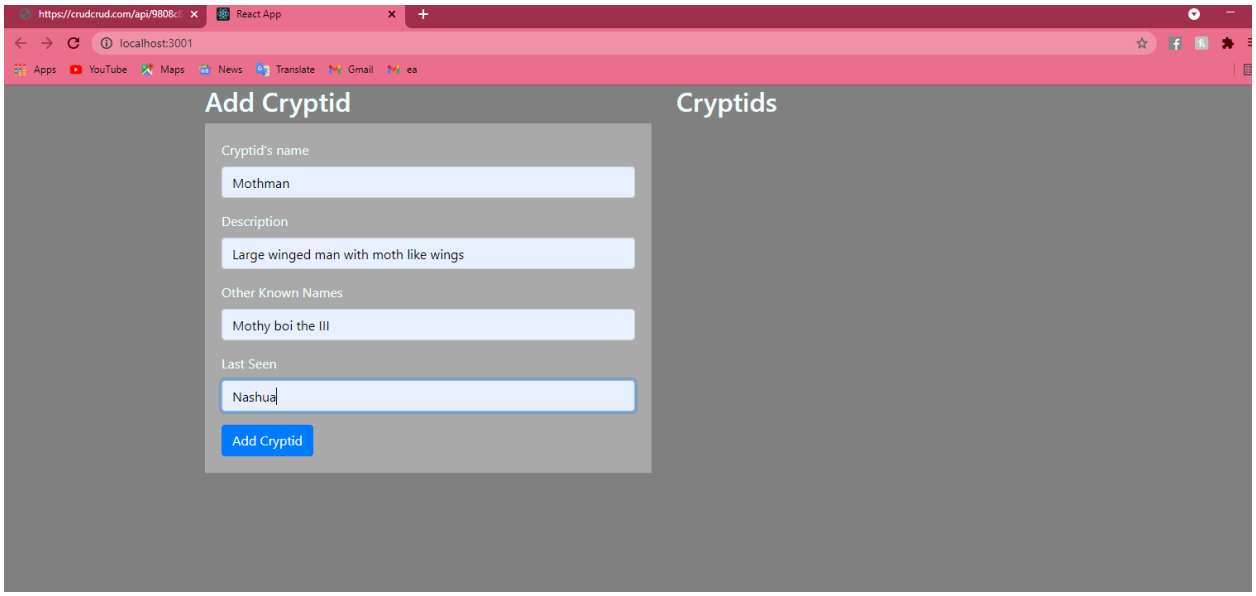

File Edit Selection View Go Run Terminal Help
App.css - week.crud.app - Visual Studio Code
EXPLORER
OPEN EDITORS
new-cryptid-... U
crytpid-file.js... U
edit-cryptid-... U
index.css cry... M
App.css cryti... M
new-cryptid-form.js
crytpid-file.js
edit-cryptid-file.js
index.css
App.css
crytid.watch > src > # App.css > form
1 form {
2 background-color: darkgray !important;
3 }

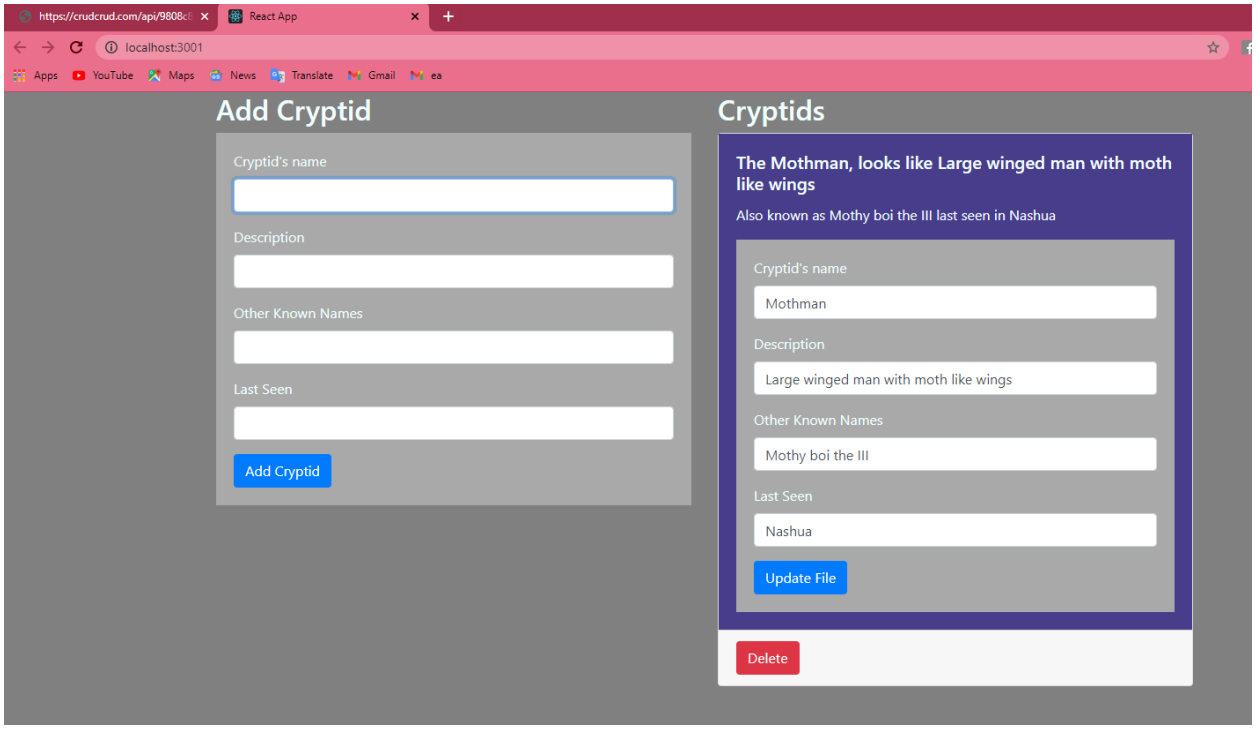
File Edit Selection View Go Run Terminal Help
CryptidsApi2.js - week.crud.app - Visual Studio Code
EXPLORER
new-cryptid-form.js
crytpid-file.js
edit-cryptid-file.js
index.css
App.css
CryptidsApi2.js
crytid.watch > src > rest > CryptidsApi2.js > CryptidService > getAll
OPEN EDITORS
WEEK.CRUD.APP
const CRYPTIDS_ENDPOINT = 'https://crudcrud.com/api/9808c8e15bf34de8bf4c2c652aa1133c/cryptids';
class CryptidService {
getAll = async() => {
try {
const resp = await fetch(CRYPTIDS_ENDPOINT);
const data = await resp.json();
return data;
} catch(e) {
console.error(`Problem fetching cryptids: ${e}`);
}
}
update = async(cryptid) => {
try {
let updatedWithoutId = {
name: cryptid.name,
description: cryptid.description,
otherName: cryptid.otherName,
lastSeen: cryptid.lastSeen
}
const resp = await fetch(`${CRYPTIDS_ENDPOINT}/${cryptid._id}`, {
method: 'PUT',
headers: {
'Content-Type': 'application/json'
},
body: JSON.stringify(updatedWithoutId)
});
return resp;
} catch(e) {
console.error(`Problem updating cryptid: ${e}`);
}
}
create = async(cryptid) => {
try {
const resp = await fetch(`${CRYPTIDS_ENDPOINT}`, {
method: 'POST',
headers: {
OUTLINE
TIMELINE


File Edit Selection View Go Run Terminal Help
CryptidsApi2.js - week.crud.app - Visual Studio Code
EXPLORER
crytid.watch > src > rest > CryptidsApi2.js > CryptidService > getAll
OPEN EDITORS
body: JSON.stringify(updatedWithoutId)
});
return resp;
} catch(e) {
console.error(`Problem updating cryptid: ${e}`);
}
}
create = async(cryptid) => {
try {
const resp = await fetch(`${CRYPTIDS_ENDPOINT}`, {
method: 'POST',
headers: {
'Content-Type': 'application/json'
},
body: JSON.stringify(cryptid)
});
return resp;
} catch(e) {
console.error(`Problem creating cryptid: ${e}`);
}
}
delete = async(id) => {
try {
const resp = await fetch(`${CRYPTIDS_ENDPOINT}/${id}`, {
method: 'DELETE',
headers: {
'Content-Type': 'application/json'
}
});
return resp;
} catch(e) {
console.error(`Problem deleting cryptide:${e}`);
}
}
}
export const cryptidService = new CryptidService();
OUTLINE
TIMELINE

Screenshots of Running Application:

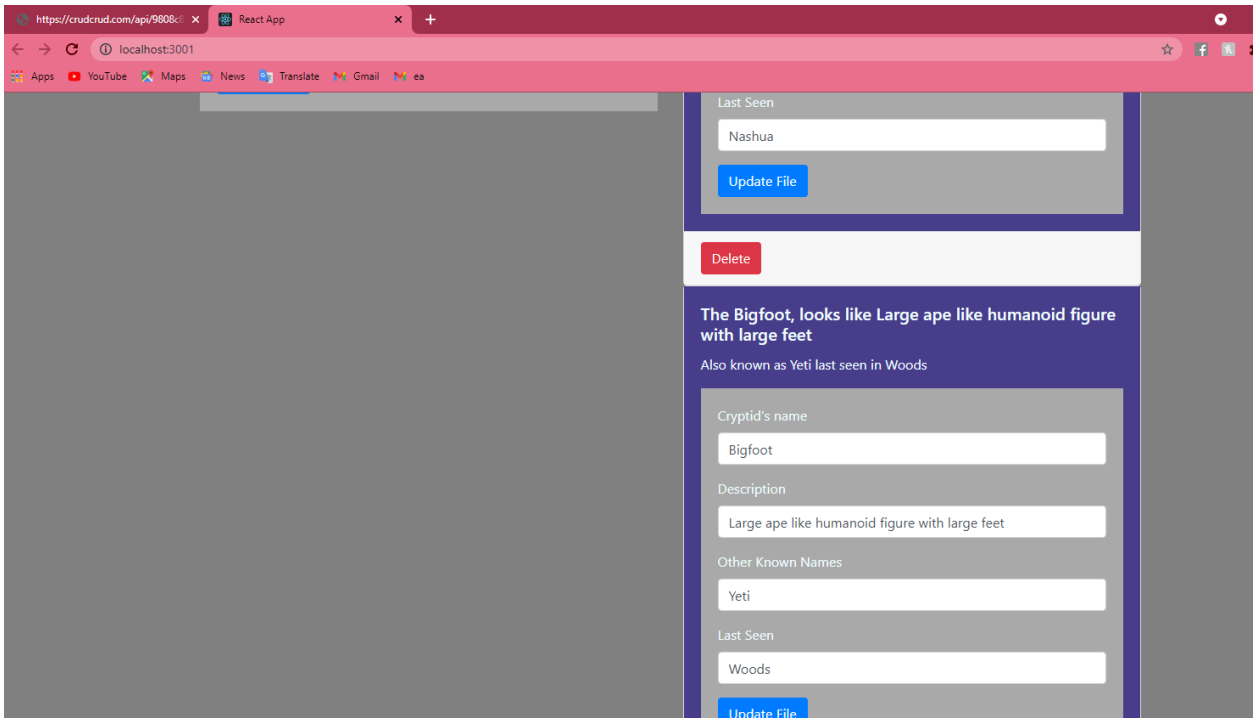


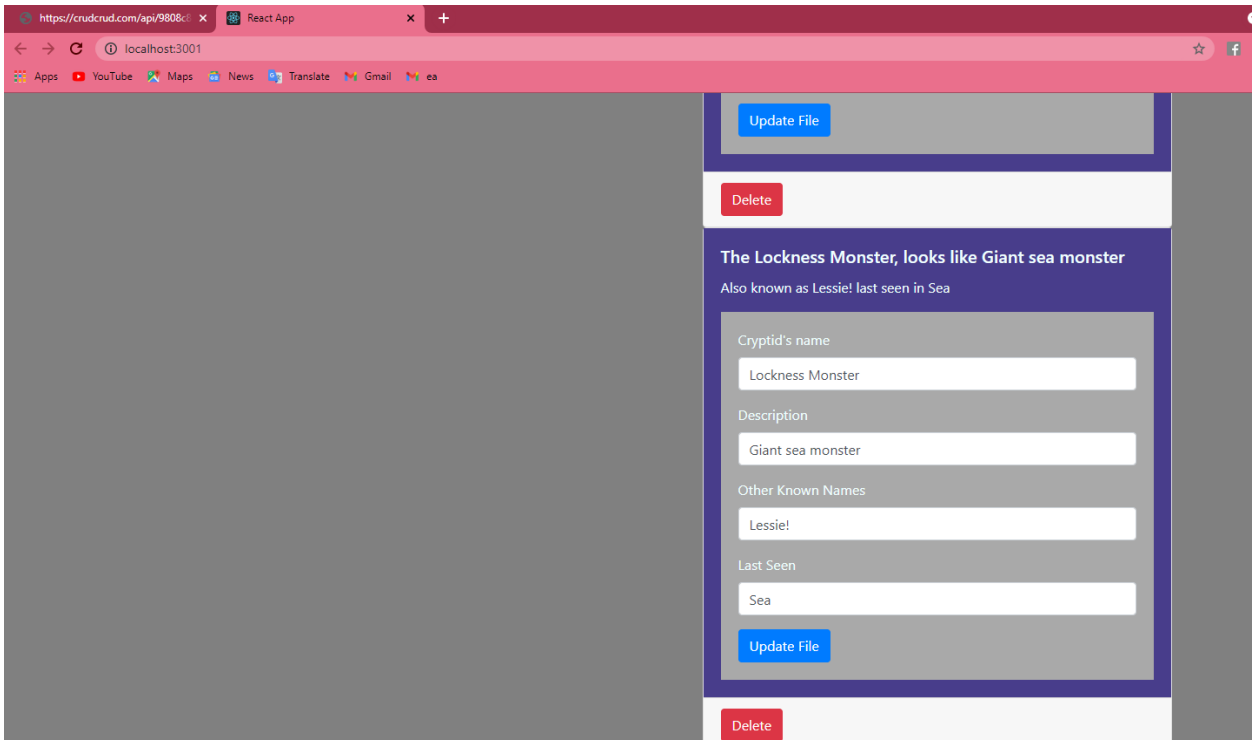




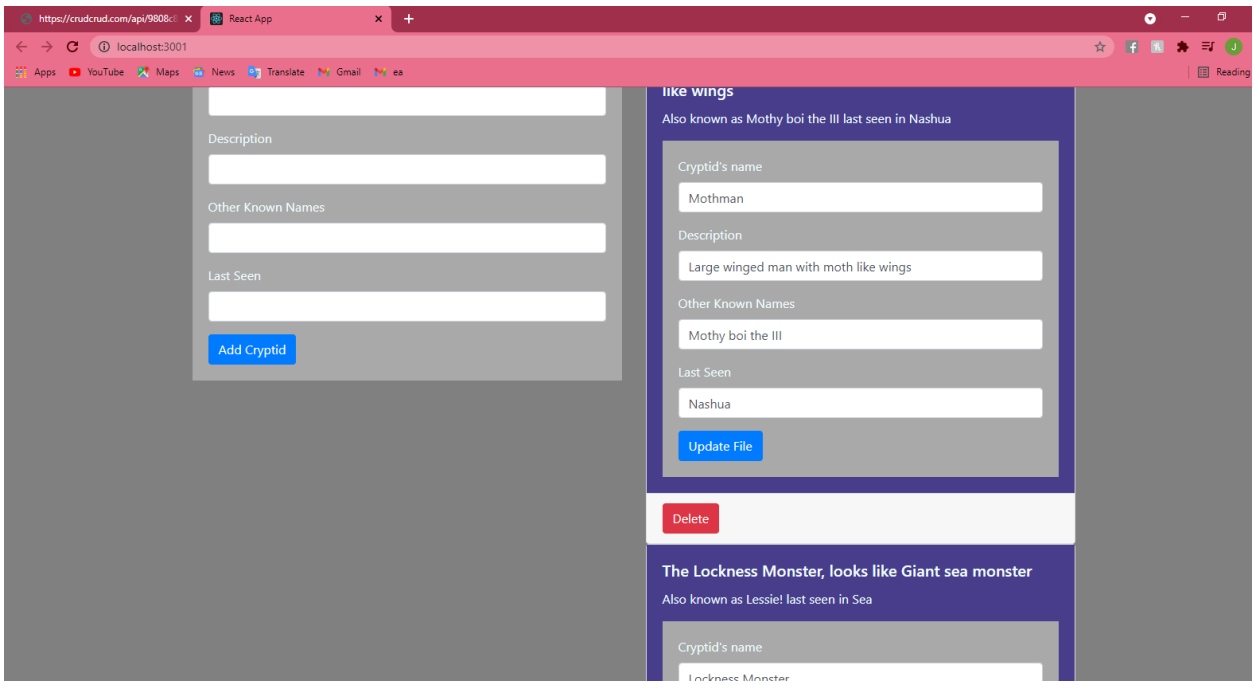
[{"_id":"605d3a5b13120c03e81c7e80","name":"Mothman","description":"Large winged man with moth like wings","otherName":"Mothy boi the III","lastSeen":"Nashua"}]

PROMINEO TECH



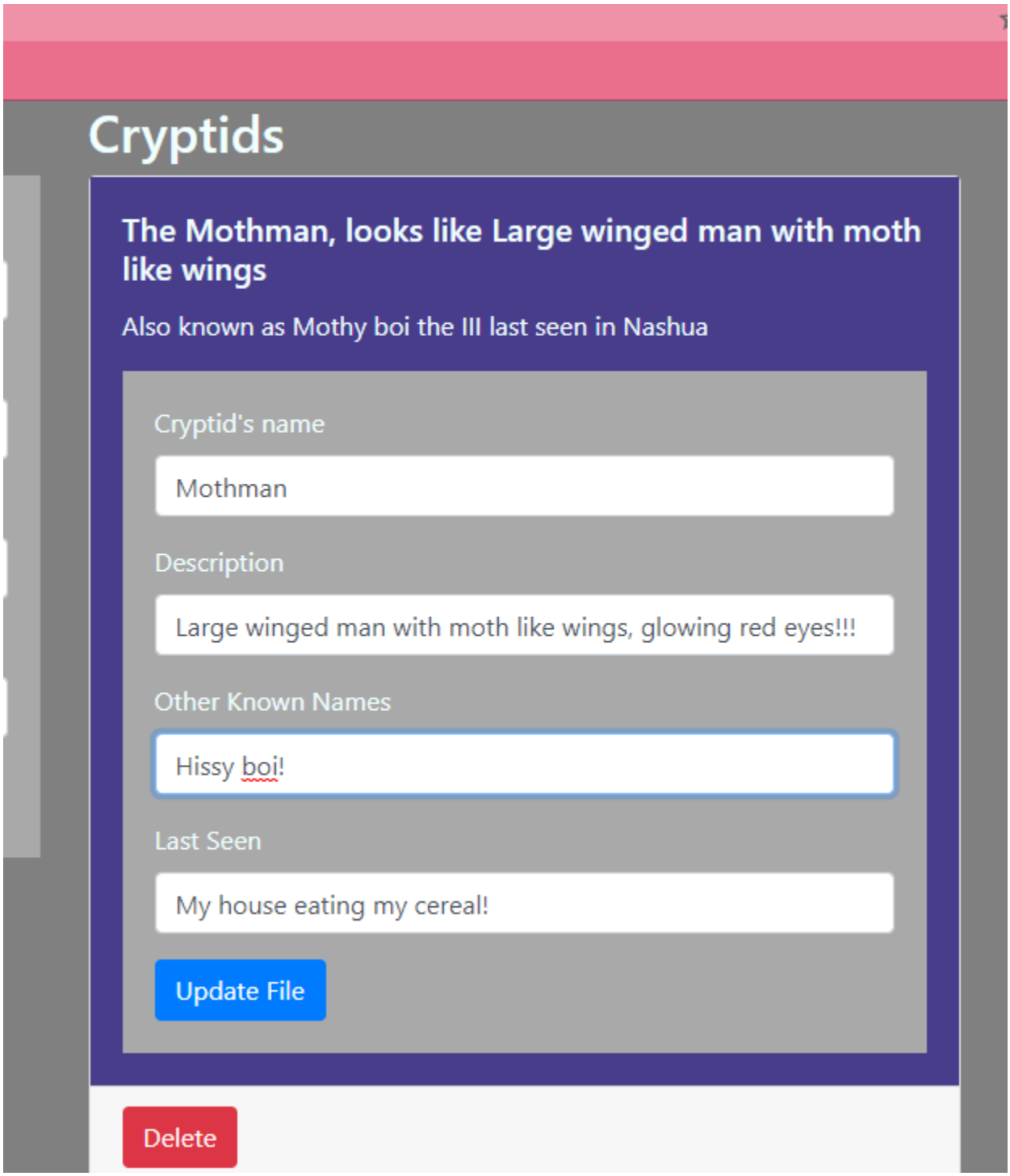


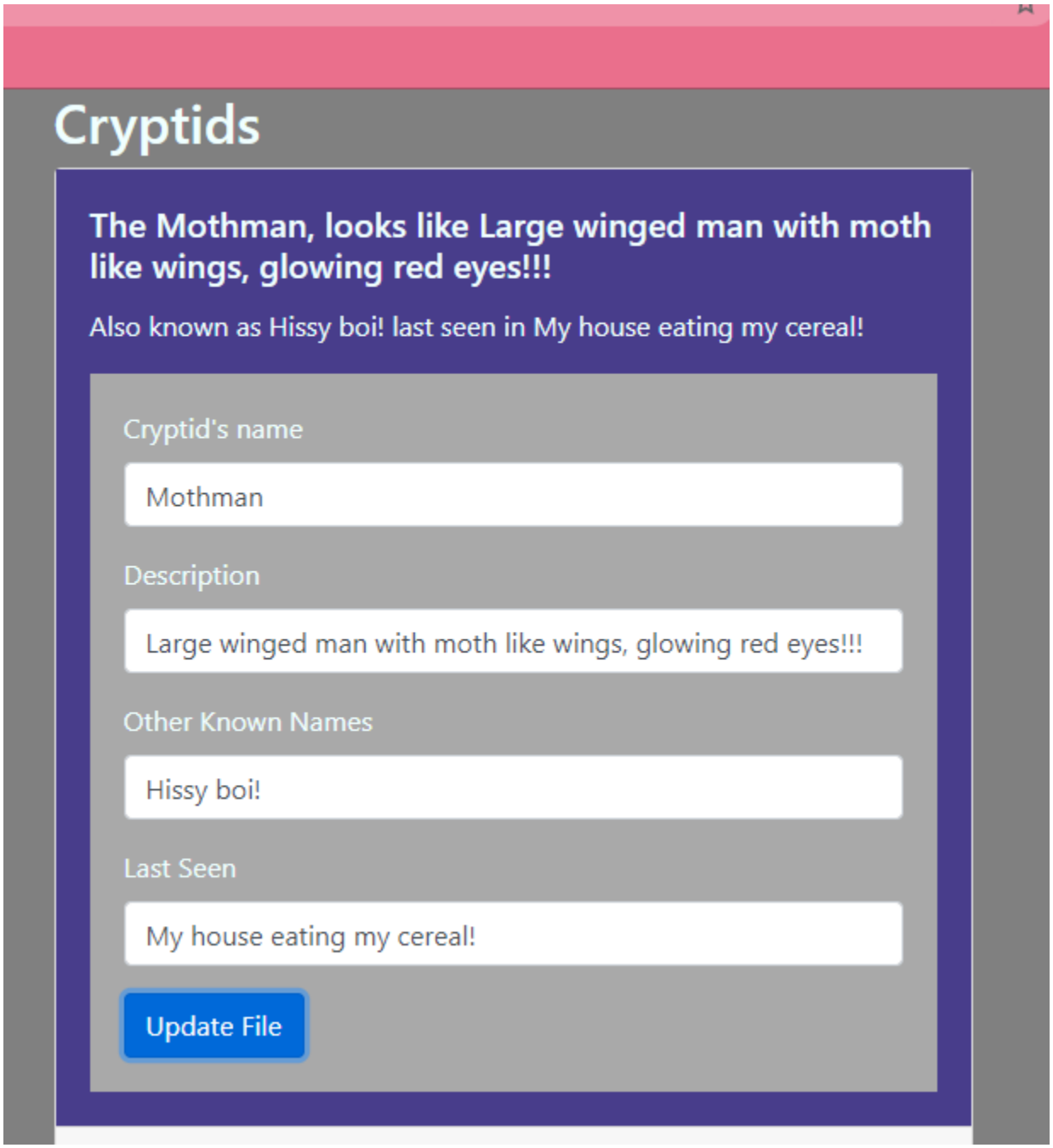
```
[{"_id":"605d3a5b13120c03e81c7e80","name":"Mothman","description":"Large winged man with moth like wings","otherName":"Mothy boi the III","lastSeen":"Nashua"},
{"_id":"605d3aaf13120c03e81c7e82","name":"Bigfoot","description":"Large ape like humanoid figure with large feet","otherName":"Yeti","lastSeen":"Woods"},{"_id":"605d3ad313120c03e81c7e83","name":"Lockness
Monster","description":"Giant sea monster ","otherName":"Lessie!","lastSeen":"Sea"}]
```

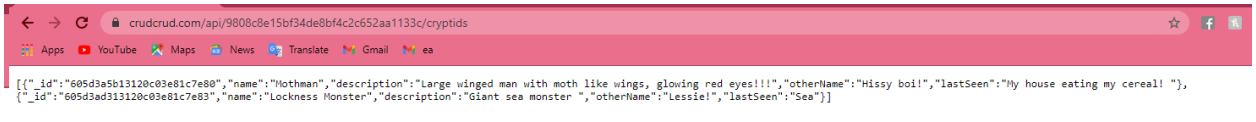



```
[{"_id":"605d3a5b13120c03e81c7e80","name":"Mothman","description":"Large winged man with moth like wings","otherName":"Mothy boi the III","lastSeen":"Nashua"},{"_id":"605d3ad313120c03e81c7e83","name":"Lockness
Monster","description":"Giant sea monster ","otherName":"Lessie!","lastSeen":"Sea"}]
```

PROMINEO TECH




Cryptids
The Mothman, looks like Large winged man with moth like wings, glowing red eyes!!!
Also known as Hissy boi! last seen in My house eating my cereal!
Cryptid's name
Mothman
Description
Large winged man with moth like wings, glowing red eyes!!!
Other Known Names
Hissy boi!
Last Seen
My house eating my cereal!
Update File


crudcrud.com/api/9808c8e15bf34de8bf4c2c652aa1133c/cryptids
Apps
YouTube
Maps
News
Translate
Gmail
ea
[{"_id":"605d3a5b13120c03e81c7e80","name":"Mothman","description":"Large winged man with moth like wings, glowing red eyes!!!","otherName":"Hissy boi!","lastSeen":"My house eating my cereal! "},
{"_id":"605d3ad313120c03e81c7e83","name":"Lockness Monster","description":"Giant sea monster ","otherName":"Lessie!","lastSeen":"Sea"}]

PROMINEO TECH

URL to GitHub Repository:

https://github.com/JoleneMel/Cryptid.crud.app/tree/master