# BOOKIFY

## Phase-1 Deliverable

TODO:

- Mention features or functionalities successfully implemented in the frontend and backend
  - Include any design components or wireframes that were created during this phase
- Provide relevant screenshots of front-end design, backend code snippets, or data schema to visually demonstrate your phase-1 deliverable

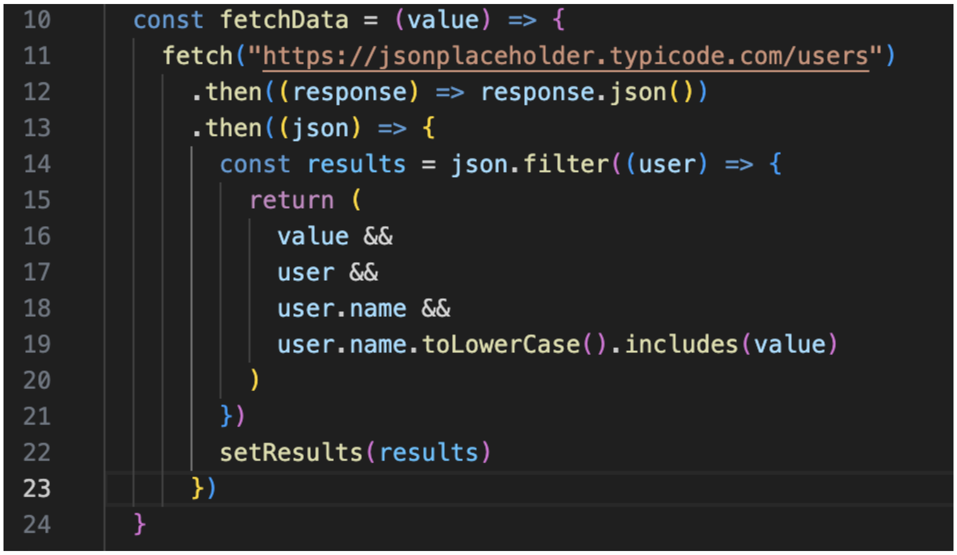
Features/Functionalities successfully implemented:

1. Kristiana:
   a. For my implementation, I was in charge of the search bar for our project. To start out, I was able to import react icons to be able to use the search icon in the search bar. I made a components part, where I was able to upload components to my search bar. I was able to style it how I wanted to and made sure the input was good.
2. Andrew:
   a. For my implementation, I used mongoDB to write out the beginner data for the book database.  To start out, I used the Harry Potter books as a basis for what we wanted to display. This included the title, the author, and the price of the book.
3. Corey:
   a. For my implementations, I will create the beginner logic to allow users to create and sign into their account. There will also be user authentication logic to ensure that the users sign into the correct account. I will also use mongoDB to write out the user database.

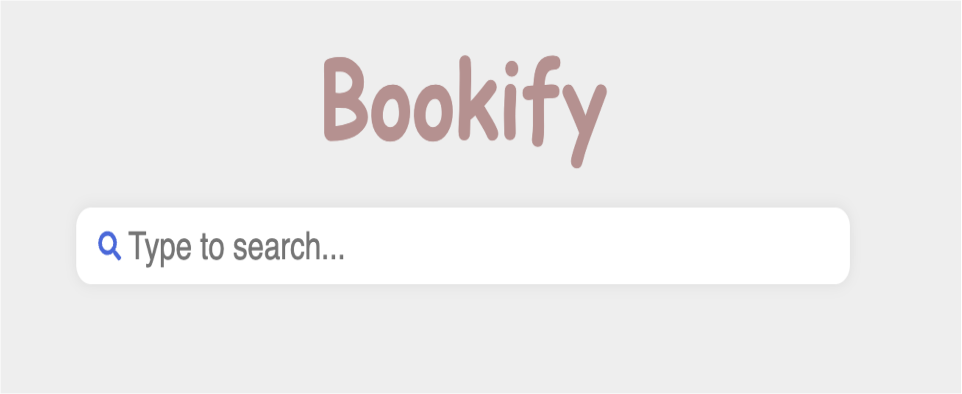
Changes/Adjustments:

1. Kristiana:
   a. New insight/discovery here:
      i. First, I did the search bar to look up API's off of a website. I had to change it once Andrew uploaded the mongoDB for

our books.

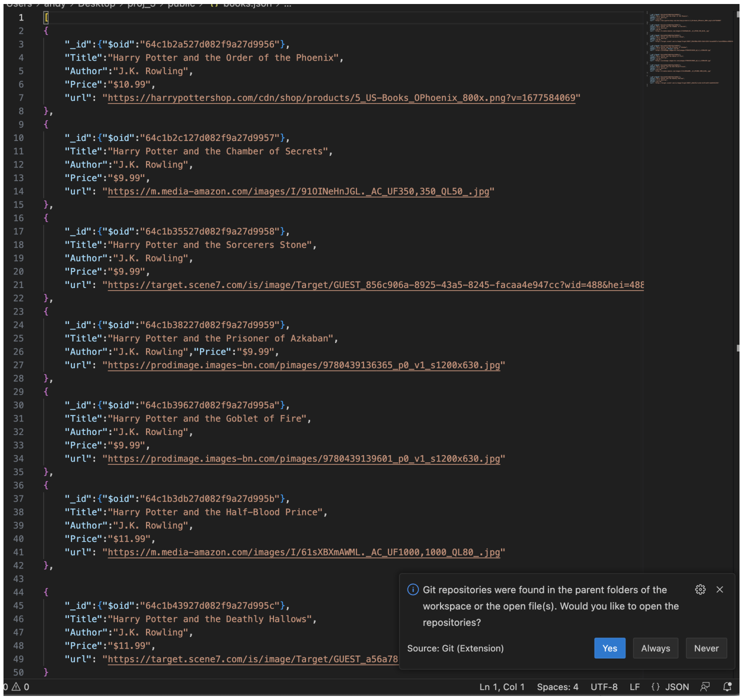


```
const fetchData = (value) => {
  fetch("https://jsonplaceholder.typicode.com/users")
    .then((response) => response.json())
    .then((json) => {
      const results = json.filter((user) => {
        return (
          value &&
          user &&
          user.name &&
          user.name.toLowerCase().includes(value)
        )
      })
      setResults(results)
    })
}
```



b. Changes/adjustments here:
    i. Unfortunately, we were unable to get our database working. We will be getting this to work in phase-2. The navbar is still able to be used to search up things from an API server that I found online until we get our database working.

2. Andrew:
    a. New insight:
        i. My first insight into mongoDb was how typing the data into the database functioned. There were different codewords from the terminal and there were specific instructions to carry out different actions.

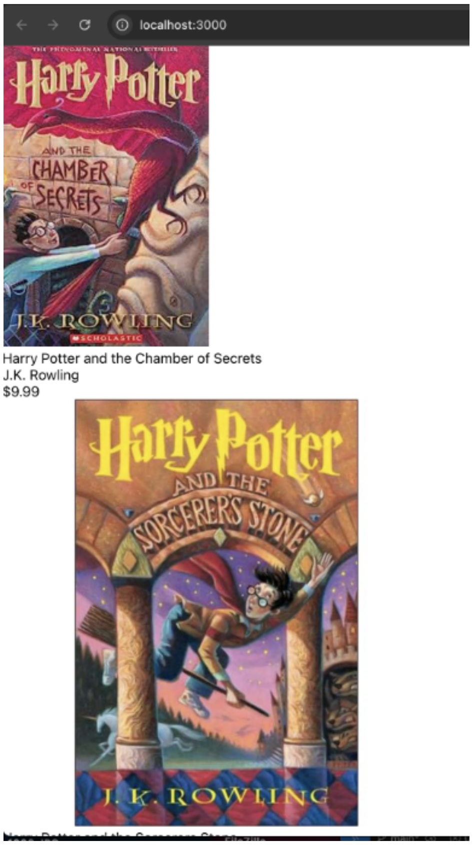


```
[
{
    "_id":{"$oid":"64c1b2a527d082f9a27d9956"},
    "Title":"Harry Potter and the Order of the Phoenix",
    "Author":"J.K. Rowling",
    "Price":"$10.99",
    "url": "https://harrypottershop.com/cdn/shop/products/5_US-Books_OPhoenix_800x.png?v=1677584069"
},
{
    "_id":{"$oid":"64c1b2c127d082f9a27d9957"},
    "Title":"Harry Potter and the Chamber of Secrets",
    "Author":"J.K. Rowling",
    "Price":"$9.99",
    "url": "https://m.media-amazon.com/images/I/91OINeHnJGL._AC_UF350,350_QL50_.jpg"
},
{
    "_id":{"$oid":"64c1b35527d082f9a27d9958"},
    "Title":"Harry Potter and the Sorcerers Stone",
    "Author":"J.K. Rowling",
    "Price":"$9.99",
    "url": "https://target.scene7.com/is/image/Target/GUEST_856c906a-8925-43a5-8245-facaa4e947cc?wid=488&hei=488
},
{
    "_id":{"$oid":"64c1b38227d082f9a27d9959"},
    "Title":"Harry Potter and the Prisoner of Azkaban",
    "Author":"J.K. Rowling","Price":"$9.99",
    "url": "https://prodimage.images-bn.com/pimages/9780439136365_p0_v1_s1200x630.jpg"
},
{
    "_id":{"$oid":"64c1b39627d082f9a27d995a"},
    "Title":"Harry Potter and the Goblet of Fire",
    "Author":"J.K. Rowling",
    "Price":"$9.99",
    "url": "https://prodimage.images-bn.com/pimages/9780439139601_p0_v1_s1200x630.jpg"
},
{
    "_id":{"$oid":"64c1b3db27d082f9a27d995b"},
    "Title":"Harry Potter and the Half-Blood Prince",
    "Author":"J.K. Rowling",
    "Price":"$11.99",
    "url": "https://m.media-amazon.com/images/I/61sXBXmAWML._AC_UF1000,1000_QL80_.jpg"
},

{
    "_id":{"$oid":"64c1b43927d082f9a27d995c"},
    "Title":"Harry Potter and the Deathly Hallows",
    "Author":"J.K. Rowling",
    "Price":"$11.99",
    "url": "https://target.scene7.com/is/image/Target/GUEST_a56a78
}
```

Git repositories were found in the parent folders of the workspace or the open file(s). Would you like to open the repositories?

Source: Git (Extension)



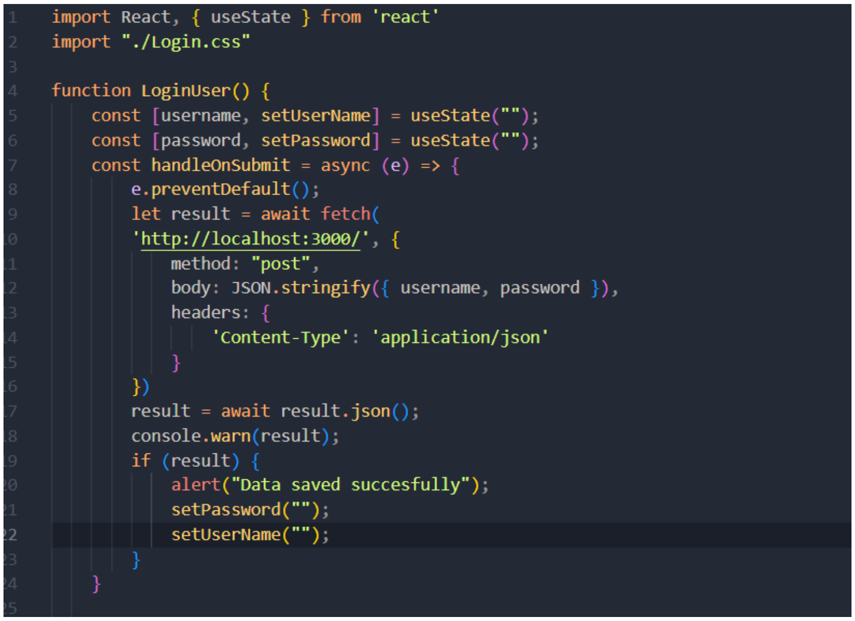
Harry Potter and the Chamber of Secrets
J.K. Rowling
$9.99

b. Changes:

   i. I did edit the data. The screenshot taken was what was written with mongoDB. Once that was exported into a

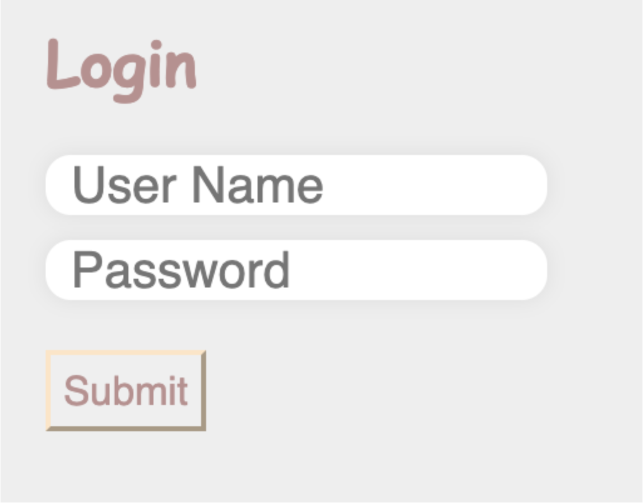
JSON, I included the images for each of the books so that they have the URL image addresses.

3. Corey:
    a. New insight:
        i. My first insight into creating the login functionality was figuring out how to connect to the database and how to get the user's username and password into the database.



```
import React, { useState } from 'react'
import "./Login.css"

function LoginUser() {
    const [username, setUserName] = useState("");
    const [password, setPassword] = useState("");
    const handleOnSubmit = async (e) => {
        e.preventDefault();
        let result = await fetch(
        'http://localhost:3000/', {
            method: "post",
            body: JSON.stringify({ username, password }),
            headers: {
                'Content-Type': 'application/json'
            }
        })
        result = await result.json();
        console.warn(result);
        if (result) {
            alert("Data saved succesfully");
            setPassword("");
            setUserName("");
        }
    }
```



    b. Changes:
        i. I did edit the data. The screenshot taken was what was written with mongoDB. Once that was exported into a JSON, I included the images for each of the books so that they have the URL image addresses.

Lessons Learned:

1. Kristiana:
    a. What I learned was how to work GitHub pages (where our website is being hosted), how to implement the search bar, and working as a team. I was confused on how to update it properly to GitHub, but I was able to figure out that we needed to commit our changes to our repository. From there, in the terminal
2. Andrew:
    a. I learned how to better use mongoDB and communicate better with my team on how we can achieve the same idea for this app. I learned how to export data from a database in mongoDB and convert it into a JSON file.  Once I got the correct codewords or indicators for the terminal, it was able to run and export the data properly.  I would ask for insight if they had any ideas on what they wanted to be included in the data and if I had any questions.
3. Corey:
    a. I learned how to better connect mongoDB and reactJS to communicate with each other. I learned how to check if the post request is successful or not and how to debug where the issue is. I may ask for insight if I am having trouble with any database or connection issues.

We all learned that communication is key to figuring out what needs to be done and not. We agreed that since we were unable to complete all our tasks, that we will implement them in phase-2. Overall, Bookify is coming along and we are getting closer to being done. One step at a time.