EXPLORER

App.css U ✕

BOOK-STORE-MASTER

frontend > src > # App.css > ⚡ .logo.react:hover

> .git
> backend
∨ frontend
  > node_modules
  > public
  ∨ src
    > assets
    > components
    ∨ pages
      ⚡ CreateBooks.jsx   U
      ⚡ DeleteBook.jsx   U
      ⚡ EditBook.jsx   U
      ⚡ Home.jsx   U
      ⚡ ShowBook.jsx   U
    # App.css   U
    ⚡ App.jsx   U
    # index.css   U
    ⚡ main.jsx   U
  ◉ .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  ① README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
  > node_modules
  ◈ .gitignore   U
  {} package-lock.json   U
  {} package.json   U
> OUTLINE
> TIMELINE

```css
16    }
17    .logo.react:hover {
18      filter: drop-shadow(0 0 2em #61dafbaa);
19    }
20
21    @keyframes logo-spin {
22      from {
23        transform: rotate(0deg);
24      }
25      to {
26        transform: rotate(360deg);
27      }
28    }
29
30    @media (prefers-reduced-motion: no-preference) {
31      a:nth-of-type(2) .logo {
32        animation: logo-spin infinite 20s linear;
33      }
34    }
35
36    .card {
37      padding: 2em;
38    }
39
40    .read-the-docs {
41      color: #888;
42    }
43
```
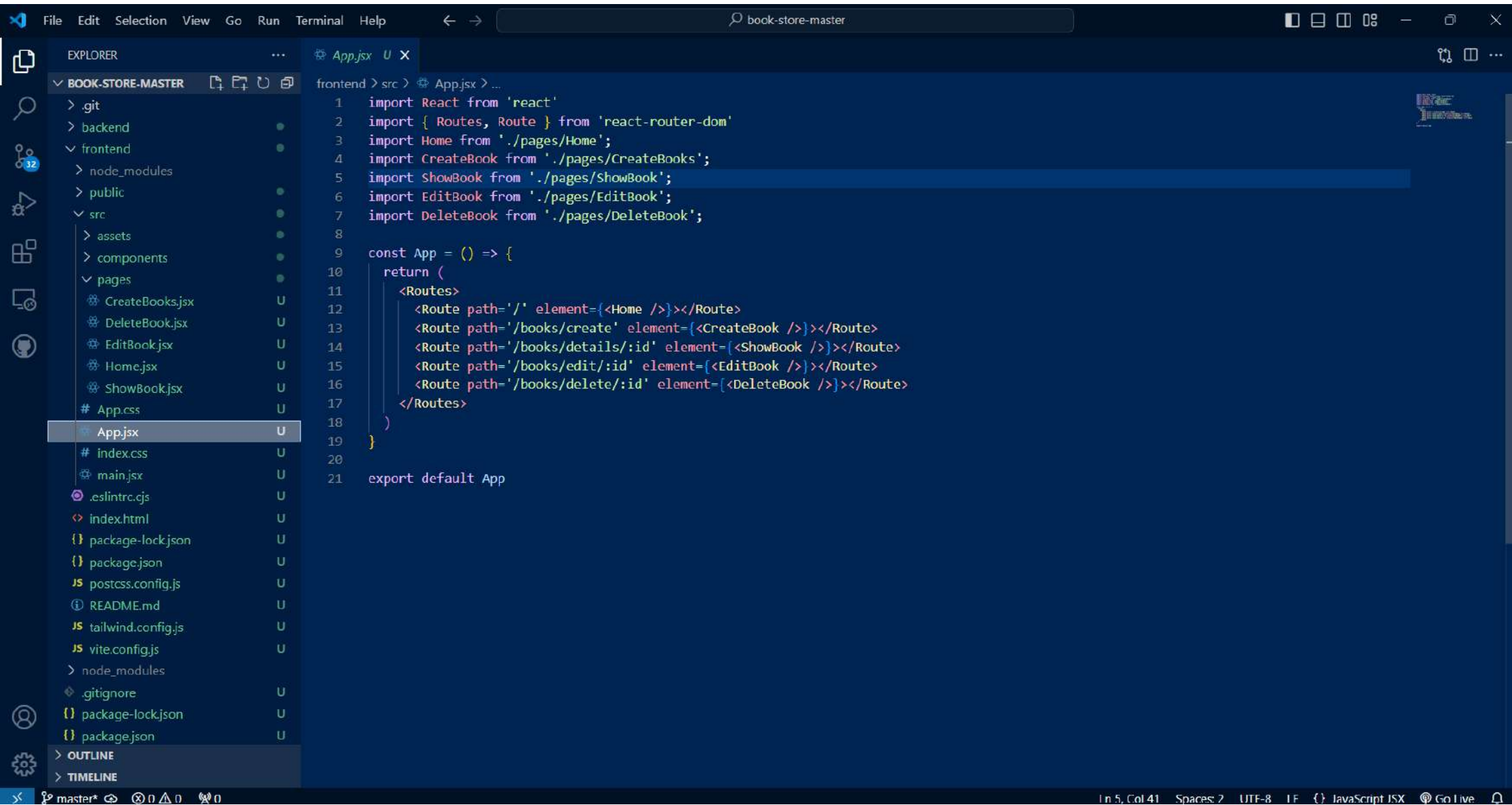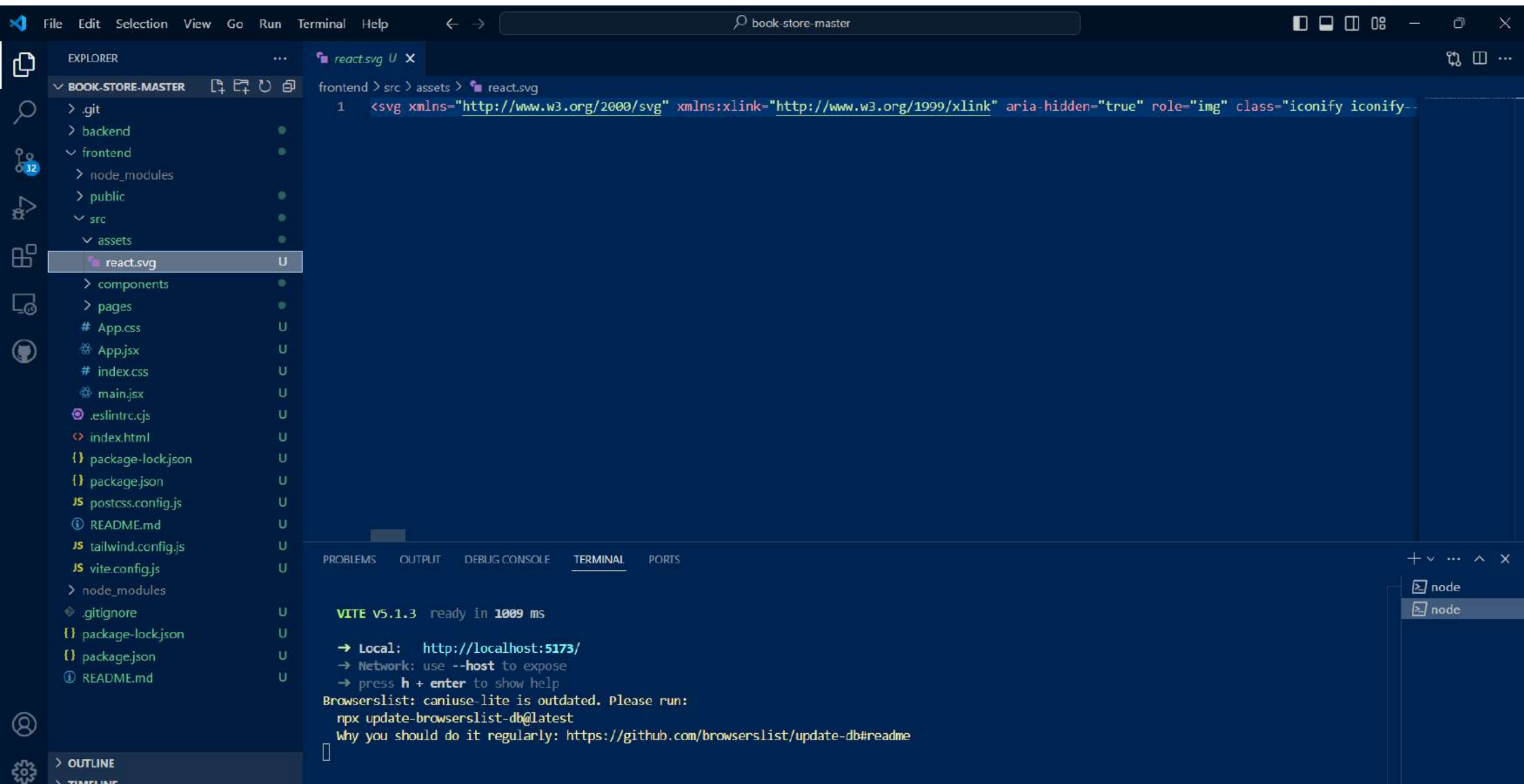
```css
#root {
  max-width: 1280px;
  margin: 0 auto;
  padding: 2rem;
  text-align: center;
}

.logo {
  height: 6em;
  padding: 1.5em;
  will-change: filter;
  transition: filter 300ms;
}
.logo:hover {
  filter: drop-shadow(0 0 2em #646cffaa);
}
.logo.react:hover {
  filter: drop-shadow(0 0 2em #61dafbaa);
}

@keyframes logo-spin {
  from {
    transform: rotate(0deg);
  }
  to {
    transform: rotate(360deg);
  }
}

@media (prefers-reduced-motion: no-preference) {
  a:nth-of-type(2) .logo {
    animation: logo-spin infinite 20s linear;
  }
}

.card {
  padding: 2em;
```

```jsx
import React from 'react'
import { Routes, Route } from 'react-router-dom'
import Home from './pages/Home';
import CreateBook from './pages/CreateBooks';
import ShowBook from './pages/ShowBook';
import EditBook from './pages/EditBook';
import DeleteBook from './pages/DeleteBook';

const App = () => {
  return (
    <Routes>
      <Route path='/' element={<Home />}></Route>
      <Route path='/books/create' element={<CreateBook />}></Route>
      <Route path='/books/details/:id' element={<ShowBook />}></Route>
      <Route path='/books/edit/:id' element={<EditBook />}></Route>
      <Route path='/books/delete/:id' element={<DeleteBook />}></Route>
    </Routes>
  )
}

export default App
```

EXPLORER

∨ BOOK-STORE-MASTER

> .git
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      react.svg   U
    > components
    > pages
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    # index.css   U
    ⚛ main.jsx   U
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    {} package-lock.json   U
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    JS tailwind.config.js   U
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  ⓘ README.md   U

> OUTLINE
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react.svg U ✕

frontend > src > assets > react.svg

```
1    <svg xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" aria-hidden="true" role="img" class="iconify iconify--
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

```
  VITE v5.1.3  ready in 1009 ms

  →  Local:   http://localhost:5173/
  →  Network: use --host to expose
  →  press h + enter to show help
Browserslist: caniuse-lite is outdated. Please run:
  npx update-browserslist-db@latest
  Why you should do it regularly: https://github.com/browserslist/update-db#readme
```

⊐ node
⊐ node

EXPLORER

⚙ BooksTable.jsx U ✕

∨ BOOK-STORE-MASTER

> .git
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        ⚙ BookModal.jsx   U
        ⚙ BooksCard.jsx   U
        ⚙ BookSingleCard.jsx   U
        ⚙ BooksTable.jsx   U
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      ⚙ Spinner.jsx   U
    > pages
    # App.css   U
    ⚙ App.jsx   U
    # index.css   U
    ⚙ main.jsx   U
  ◉ .eslintrc.cjs   U
  <> index.html   U
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  {} package.json   U
  JS postcss.config.js   U
  ① README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
  > node_modules
  ◦ .gitignore   U

> OUTLINE
> TIMELINE

frontend > src > components > home > ⚙ BooksTable.jsx > [◎] BooksTable > 🏷 books.map() callback

```jsx
1   import React from 'react'
2   import { Link } from 'react-router-dom';
3   import {AiOutlineEdit} from 'react-icons/ai';
4   import { BsInfoCircle } from 'react-icons/bs';
5   import { MdOutlineAddBox, MdOutlineDelete } from 'react-icons/md';
6
7   const BooksTable = ({ books }) => {
8     return (
9       <table className='w-full border-separate border-spacing-2'>
10        <thead>
11          <tr>
12            <th className='border border-slate-600 rounded-md'>No</th>
13            <th className='border border-slate-600 rounded-md'>Title</th>
14            <th className='border border-slate-600 rounded-md max-md:hidden'>
15              Author
16            </th>
17            <th className='border border-slate-600 rounded-md max-md:hidden'>
18              Publish Year
19            </th>
20            <th className='border border-slate-600 rounded-md'>Operations</th>
21          </tr>
22        </thead>
23        <tbody>
24          {books.map((book, index)=>(
25            <tr key={book. id} className='h-8'>
26              <td className='border border-slate-700 rounded-md text-centre'>
27                {index + 1}
28              </td>
29              <td className='border border-slate-700 rounded-md text-centre'>
30                {book.title}
31              </td>
32              <td className='border border-slate-700 rounded-md text-centre max-md:hidden'>
33                {book.author}
34              </td>
35              <td className='border border-slate-700 rounded-md text-centre max-md:hidden'>
36                {book.publishYear}
37              </td>
```

EXPLORER

∨ BOOK-STORE-MASTER

> .git
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∨ frontend
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    ∨ components
      ∨ home
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          BooksCard.jsx   U
          BookSingleCard.jsx   U
          BooksTable.jsx   U
        BackButton.jsx   U
        Spinner.jsx   U
    > pages
    # App.css   U
    App.jsx   U
    # index.css   U
    main.jsx   U
  .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
> node_modules
  .gitignore   U

> OUTLINE
> TIMELINE

BooksTable.jsx U ✕

frontend > src > components > home > ⚙ BooksTable.jsx > [∅] BooksTable > ⊗ books.map() callback

```jsx
7    const BooksTable = ({ books }) => {
22          </thead>
23          <tbody>
24            {books.map((book, index)=>(
25              <tr key={book._id} className='h-8'>
26                <td className='border border-slate-700 rounded-md text-centre'>
27                  {index + 1}
28                </td>
29                <td className='border border-slate-700 rounded-md text-centre'>
30                  {book.title}
31                </td>
32                <td className='border border-slate-700 rounded-md text-centre max-md:hidden'>
33                  {book.author}
34                </td>
35                <td className='border border-slate-700 rounded-md text-centre max-md:hidden'>
36                  {book.publishYear}
37                </td>
38                <td className='border border-slate-700 rounded-md text-centre'>
39                  <div className='flex justify-centre gap-x-4'>
40                    <Link to={`/books/details/${book._id}`}>
41                      <BsInfoCircle className='text-2xl text-green-800' />
42                    </Link>
43                    <Link to={`/books/edit/${book._id}`}>
44                      <AiOutlineEdit className='text-2xl text-yellow-600' />
45                    </Link>
46                    <Link to={`/books/delete/${book._id}`}>
47                      <MdOutlineDelete className='text-2xl text-red-600' />
48                    </Link>
49                  </div>
50                </td>
51              </tr>
52            ))}
53          </tbody>
54        </table>
55      )
56    }
57
```

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER

∨ BOOK-STORE-MASTER
  > .git
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  ∨ frontend
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          BackButton.jsx   U
          Spinner.jsx   U
      > pages
      # App.css   U
      ⚛ App.jsx   U
      # index.css   U
      ⚛ main.jsx   U
    ⊙ .eslintrc.cjs   U
    <> index.html   U
    {} package-lock.json   U
    {} package.json   U
    JS postcss.config.js   U
    ⓘ README.md   U
    JS tailwind.config.js   U
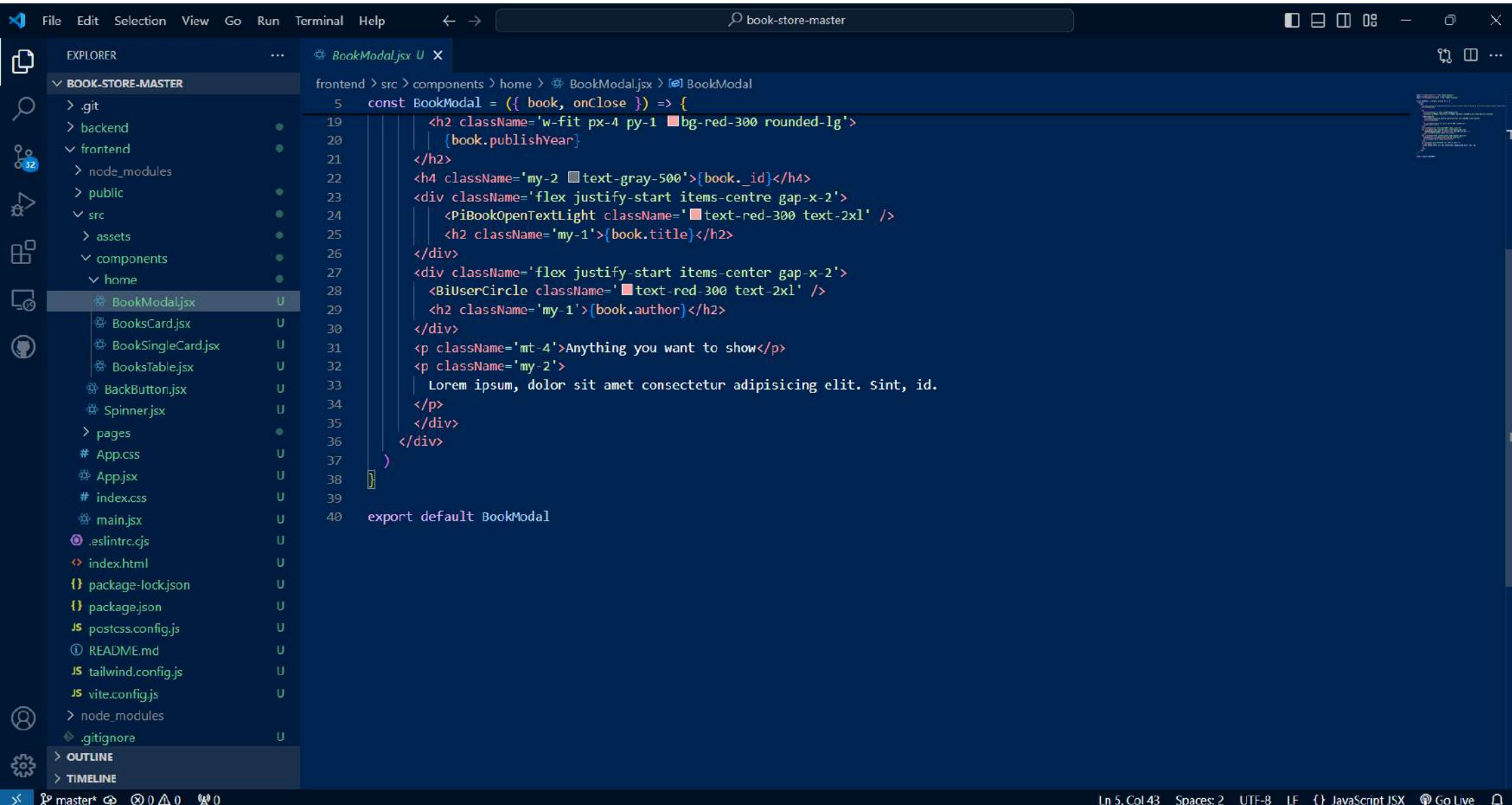   JS vite.config.js   U
  > node_modules
  ◆ .gitignore   U
  {} package-lock.json   U
  {} package.json   U
  ⓘ README.md   U

> OUTLINE
> TIMELINE

⚛ BackButton.jsx U ✕

frontend > src > components > ⚛ BackButton.jsx > ...

```
1    import React from 'react'
2    import { BsArrowLeft } from 'react-icons/bs'
3    import { Link } from 'react-router-dom'
4
5
6    const BackButton = ({ destination = '/' }) => {
7      return (
8        <div className='flex'>
9            <Link
10           to={destination}
11           className='bg-sky-800 text-white px-4 py-1 rounded-lg w-fit'
12           >
13           <BsArrowLeft className='text-2xl' />
14           </Link>
15       </div>
16     )
17   }
18
19   export default BackButton
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

  VITE v5.1.3 ready in 1009 ms

  ➜ Local: http://localhost:5173/
  ➜ Network: use --host to expose
  ➜ press h + enter to show help
Browserslist: caniuse-lite is outdated. Please run:
  npx update-browserslist-db@latest
  Why you should do it regularly: https://github.com/browserslist/update-db#readme

> node
> node

```jsx
import React from 'react'
import { Link } from 'react-router-dom'
import { PiBookOpenTextLight } from 'react-icons/pi'
import {BiUserCircle} from 'react-icons/bi'
import { AiOutlineEdit } from 'react-icons/ai'
import { BsInfoCircle } from 'react-icons/bs'
import { MdOutlineDelete } from 'react-icons/md'
import BookSingleCard from './BookSingleCard'


const BooksCard = ({books}) => {
  return (
    <div className='grid sm:grid-cols-2 lg:grid-cols-3 xl:grid-cols-4'>
        {books.map((item) => (
          <BookSingleCard key={item._id} book={item} />
        ))}
    </div>
  );
};

export default BooksCard;
```

EXPLORER

BookModal.jsx U

frontend > src > components > home > BookModal.jsx > BookModal

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    ∨ components
      ∨ home
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        ⚙ BooksCard.jsx   U
        ⚙ BookSingleCard.jsx   U
        ⚙ BooksTable.jsx   U
      ⚙ BackButton.jsx   U
      ⚙ Spinner.jsx   U
    > pages
    # App.css   U
    ⚙ App.jsx   U
    # index.css   U
    ⚙ main.jsx   U
  ◎ .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  ① README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
  > node_modules
  ◇ .gitignore   U
> OUTLINE
> TIMELINE

```jsx
 1  import { AiOutlineClose } from "react-icons/ai"
 2  import { BiUserCircle } from "react-icons/bi"
 3  import { PiBookOpenTextLight } from "react-icons/pi"
 4
 5  const BookModal = ({ book, onClose }) => {
 6    return (
 7      <div
 8        className="fixed ▢bg-black bg-opacity-60 top-0 left-0 right-0 bottom-0 z-50 flex justify-center items-centre"
 9        onClick={onClose}
10      >
11        <div
12          onClick={(event) => event.stopPropagation()}
13          className='w-[600px] max-w-full h-[400px] ▢bg-white rounded-xl p-4 flex flex-col relative'
14        >
15          <AiOutlineClose
16            className='absolute right-6 top-6 text-3xl ▮text-red-600 cursor-pointer'
17            onClick={onClose}
18          />
19          <h2 className='w--fit px-4 py-1 ▮bg-red-300 rounded-lg'>
20            {book.publishYear}
21          </h2>
22          <h4 className='my-2 ▢text-gray-500'>{book._id}</h4>
23          <div className='flex justify-start items-centre gap-x-2'>
24            <PiBookOpenTextLight className='▮text-red-300 text-2xl' />
25            <h2 className='my-1'>{book.title}</h2>
26          </div>
27          <div className='flex justify-start items-center gap-x-2'>
28            <BiUserCircle className='▮text-red-300 text-2xl' />
29            <h2 className='my-1'>{book.author}</h2>
30          </div>
31          <p className='mt-4'>Anything you want to show</p>
32          <p className='my-2'>
33            Lorem ipsum, dolor sit amet consectetur adipisicing elit. Sint, id.
34          </p>
35        </div>
36      </div>
37    )
```

```jsx
const BookModal = ({ book, onClose }) => {
      <h2 className='w-fit px-4 py-1 bg-red-300 rounded-lg'>
        {book.publishYear}
      </h2>
      <h4 className='my-2 text-gray-500'>{book._id}</h4>
      <div className='flex justify-start items-centre gap-x-2'>
        <PiBookOpenTextLight className='text-red-300 text-2xl' />
        <h2 className='my-1'>{book.title}</h2>
      </div>
      <div className='flex justify-start items-center gap-x-2'>
        <BiUserCircle className='text-red-300 text-2xl' />
        <h2 className='my-1'>{book.author}</h2>
      </div>
      <p className='mt-4'>Anything you want to show</p>
      <p className='my-2'>
        Lorem ipsum, dolor sit amet consectetur adipisicing elit. Sint, id.
      </p>
    </div>
  </div>
  )
}

export default BookModal
```

```jsx
import React, { useState } from 'react'
import { Link } from 'react-router-dom'
import { PiBookOpenTextLight } from 'react-icons/pi'
import { BiUserCircle, BiShow } from 'react-icons/bi'
import { AiOutlineEdit } from 'react-icons/ai'
import { BsInfoCircle } from 'react-icons/bs'
import { MdOutlineDelete } from 'react-icons/md'
import BookModal from './BookModal'


const BookSingleCard = ({ book }) => {
    const [showModal, setShowModal] = useState(false);
  return (
    <div
    key={book._id}
    className='border-2 border-gray-500 rounded-lg px-4 py-2 m-4 relative hover:shadow-xl'
    >
        <h2 className='absolute top-1 right-2 px-4 py-1 bg-red-300 rounded-lg'>
            {book.publishYear}
        </h2>
        <h4 className='my-2 text-gray-500'>{book._id}</h4>
        <div className='flex justify-start items-centre gap-x-2'>
            <PiBookOpenTextLight className='text-red-300 text-2xl' />
            <h2 className='my-1'>{book.title}</h2>
        </div>
        <div className='flex justify-start items-center gap-x-2'>
            <BiUserCircle className='text-red-300 text-2xl' />
            <h2 className='my-1'>{book.author}</h2>
        </div>
        <div className='flex justify-between items-center gap-x-2 mt-4 p-4'>
            <BiShow
            className='text-3xl text-blue-800 hover:text-black cursor-pointer'
            onClick={() => setShowModal(true)}
            />
            <Link to={`/books/details/${book._id}`}>
                <BsInfoCircle className='text-2xl text-green-800 hover:text-black'/>
```

EXPLORER

∨ BOOK-STORE-MASTER

> .git
> backend
∨ frontend
  > node_modules
  > public
  ∨ src
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    ∨ components
      ∨ home
          ⚙ BookModal.jsx   U
          ⚙ BooksCard.jsx   U
          ⚙ BookSingleCard.jsx   U
          ⚙ BooksTable.jsx   U
        ⚙ BackButton.jsx   U
        ⚙ Spinner.jsx   U
    > pages
    # App.css   U
    ⚙ App.jsx   U
    # index.css   U
    ⚙ main.jsx   U
  ◉ .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  ① README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
> node_modules
  ◆ .gitignore   U

> OUTLINE
> TIMELINE

frontend > src > components > home > ⚙ BookSingleCard.jsx > [∅] BookSingleCard

```jsx
12  const BookSingleCard = ({ book }) => {
25            <h2 className='my-1'>{book.title}</h2>
26        </div>
27        <div className='flex justify-start items-center gap-x-2'>
28            <BiUserCircle className='■text-red-300 text-2xl' />
29            <h2 className='my-1'>{book.author}</h2>
30        </div>
31        <div className='flex justify-between items-center gap-x-2 mt-4 p-4'>
32            <BiShow
33                className='text-3xl ■text-blue-800 ■hover:text-black cursor-pointer'
34                onClick={() => setShowModal(true)}
35            />
36            <Link to={`/books/details/${book._id}`}>
37                <BsInfoCircle className='text-2xl ■text-green-800 ■hover:text-black'/>
38            </Link>
39            <Link to={`/books/edit/${book._id}`}>
40                <AiOutlineEdit className='text-2xl ■text-yellow-600 ■hover:text-black'/>
41            </Link>
42            <Link to={`/books/delete/${book._id}`}>
43                <MdOutlineDelete className='text-2xl ■text-red-600 ■hover:text-black'/>
44            </Link>
45        </div>
46        {
47            showModal && (
48                <BookModal book={book} onClose={() => setShowModal(false)} />
49            )
50        }
51    </div>
52    )
53  }
54
55  export default BookSingleCard
```
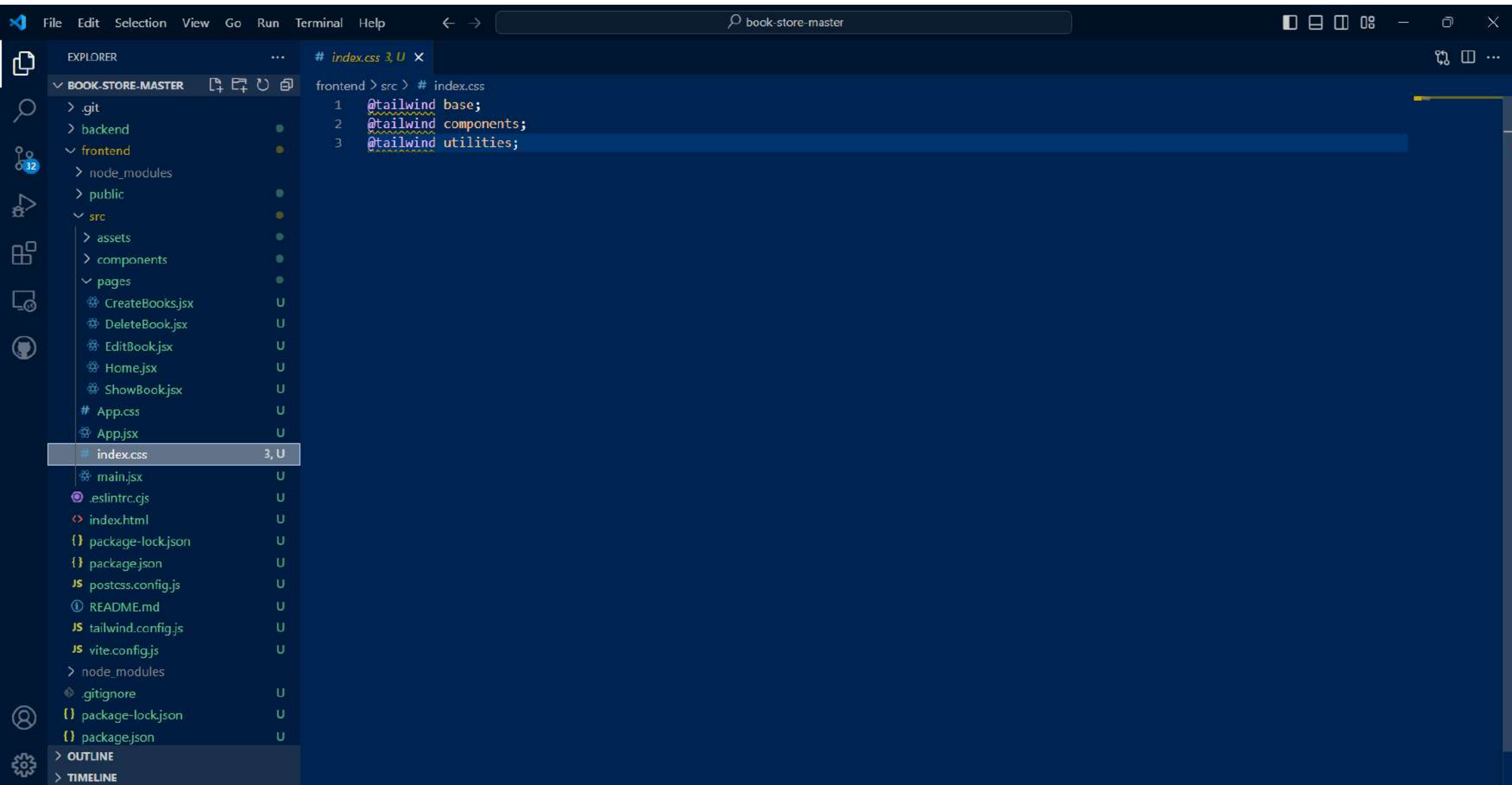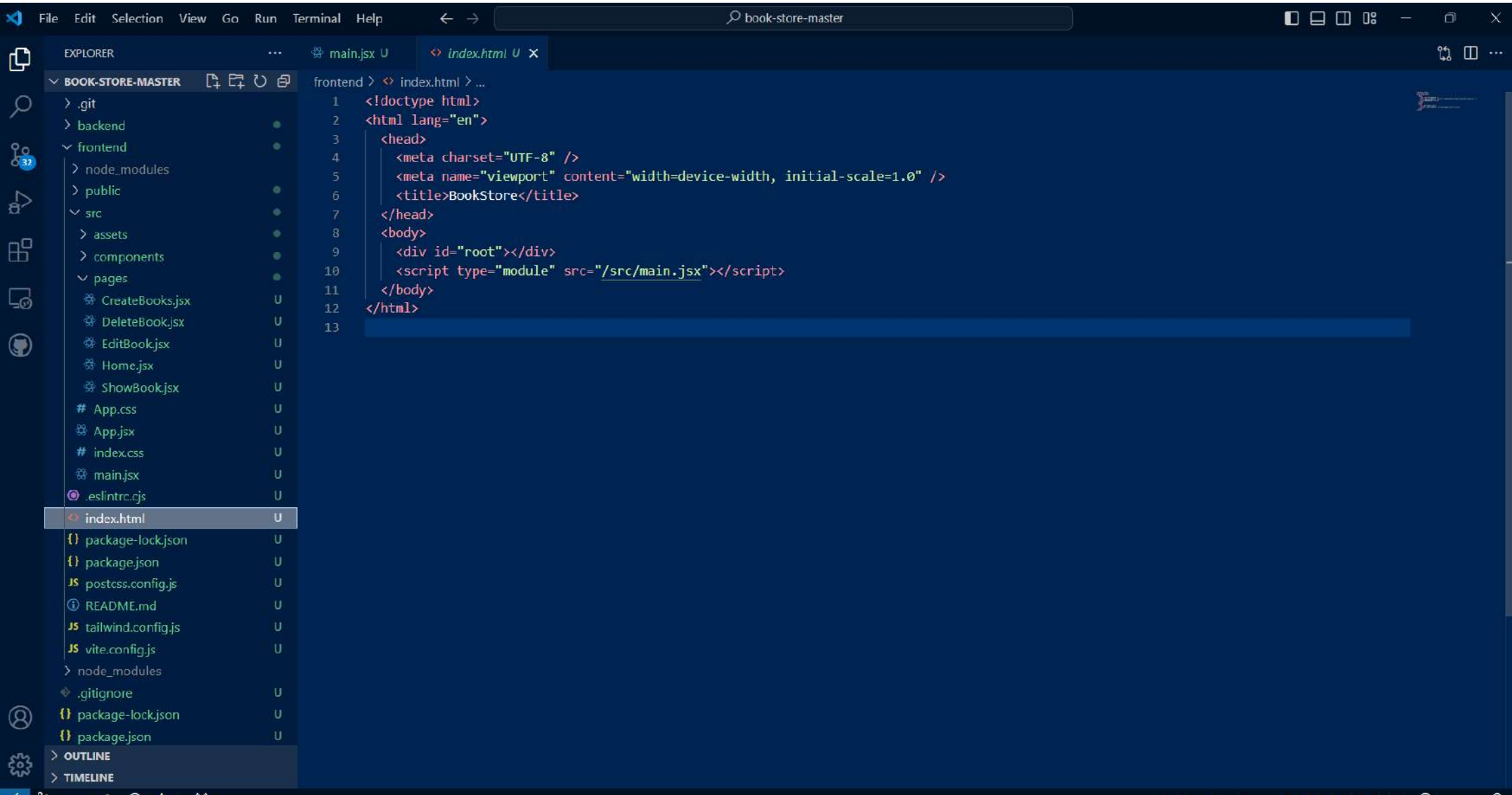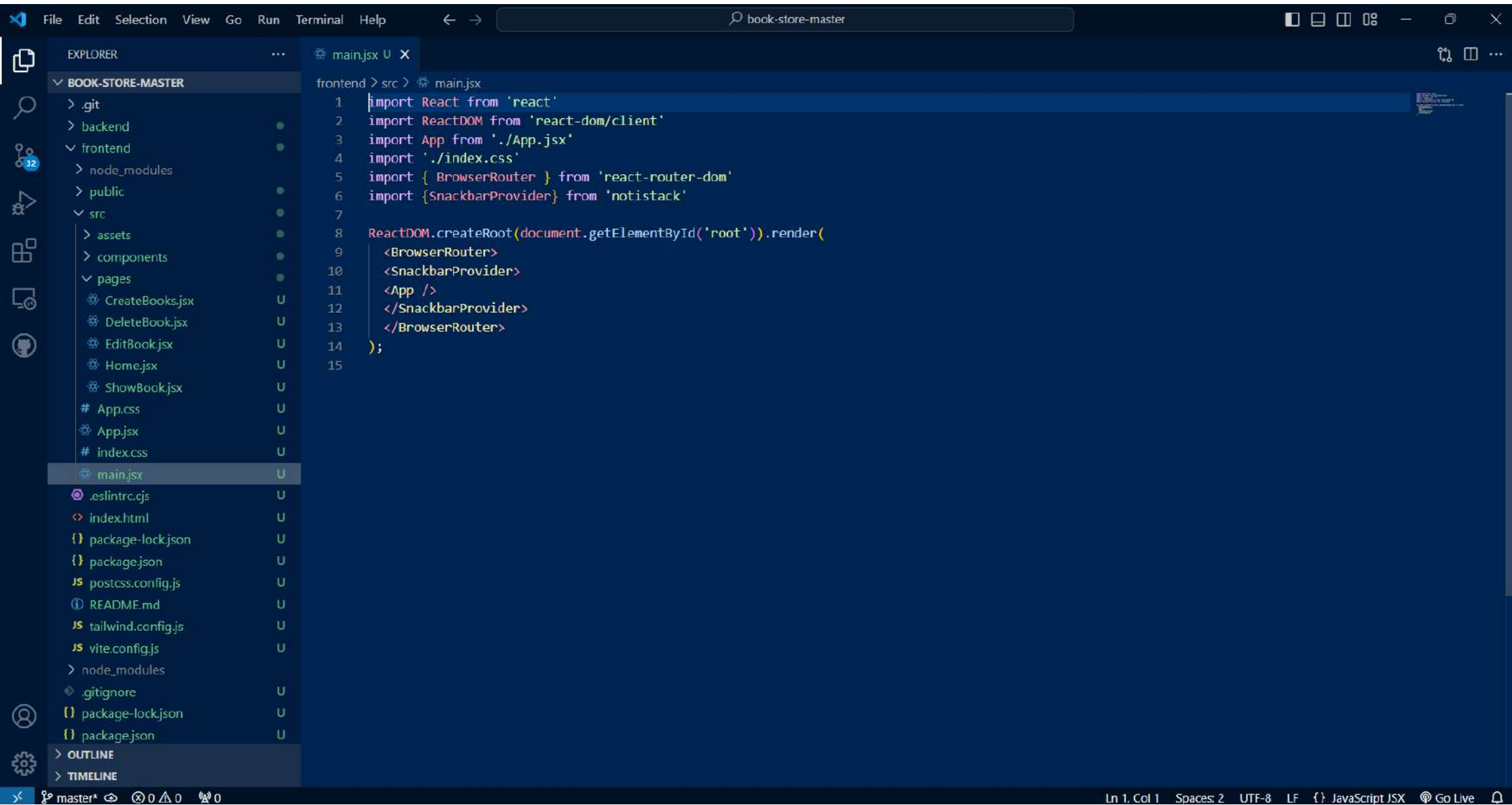
```
frontend > src > # index.css
  1    @tailwind base;
  2    @tailwind components;
  3    @tailwind utilities;
```

```html
<!doctype html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>BookStore</title>
  </head>
  <body>
    <div id="root"></div>
    <script type="module" src="/src/main.jsx"></script>
  </body>
</html>
```

EXPLORER

main.jsx U X

frontend > src > main.jsx

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      - Home.jsx   U
      - ShowBook.jsx   U
    - App.css   U
    - App.jsx   U
    - index.css   U
    - main.jsx   U
  - .eslintrc.cjs   U
  - index.html   U
  - package-lock.json   U
  - package.json   U
  - postcss.config.js   U
  - README.md   U
  - tailwind.config.js   U
  - vite.config.js   U
  - node_modules
- .gitignore   U
- package-lock.json   U
- package.json   U

> OUTLINE
> TIMELINE

```jsx
1   import React from 'react'
2   import ReactDOM from 'react-dom/client'
3   import App from './App.jsx'
4   import './index.css'
5   import { BrowserRouter } from 'react-router-dom'
6   import {SnackbarProvider} from 'notistack'
7
8   ReactDOM.createRoot(document.getElementById('root')).render(
9     <BrowserRouter>
10    <SnackbarProvider>
11    <App />
12    </SnackbarProvider>
13    </BrowserRouter>
14  );
15
```

frontend > src > pages > CreateBooks.jsx > CreateBooks

```jsx
1   import axios from 'axios';
2   import { useSnackbar } from 'notistack';
3   import React, { useState } from 'react';
4   import { useNavigate } from 'react-router-dom';
5   import BackButton from '../components/BackButton';
6   import Spinner from '../components/Spinner';
7
8   const CreateBooks = () => {
9     const [title, setTitle] = useState('');
10    const [author, setAuthor] = useState('');
11    const [publishYear, setPublishYear] = useState('');
12    const [loading, setLoading] = useState(false);
13    const navigate = useNavigate();
14    const { enqueueSnackbar } = useSnackbar();
15
16    const handleSaveBook = async () => {
17      const data = {
18        title,
19        author,
20        publishYear,
21      };
22      setLoading(true);
23      try {
24        await axios.post('https://book-store-b8k4.onrender.com/books', data);
25        setLoading(false);
26        enqueueSnackbar('Book Created successfully', { variant: 'success' });
27        navigate('/');
28      } catch (error) {
29        setLoading(false);
30        // alert('An error happened. Pls check console');
31        enqueueSnackbar('Error', { variant: 'error' });
32        console.log(error);
33      }
34    };
35
36    return (
37      <div className='p-4'>
```

EXPLORER

✕ **CreateBooks.jsx** U ✕

> BOOK-STORE-MASTER

frontend > src > pages > ⚙ CreateBooks.jsx > [∅] CreateBooks

> .git
> backend
∨ frontend
  > node_modules
  > public
  ∨ src
    > assets
    > components
    ∨ pages
        ⚙ CreateBooks.jsx   U
        ⚙ DeleteBook.jsx   U
        ⚙ EditBook.jsx   U
        ⚙ Home.jsx   U
        ⚙ ShowBook.jsx   U
      # App.css   U
      ⚙ App.jsx   U
      # index.css   U
      ⚙ main.jsx   U
    ◉ .eslintrc.cjs   U
    <> index.html   U
    {} package-lock.json   U
    {} package.json   U
    JS postcss.config.js   U
    ① README.md   U
    JS tailwind.config.js   U
    JS vite.config.js   U
  > node_modules
  ◆ .gitignore   U
  {} package-lock.json   U
  {} package.json   U

> OUTLINE
> TIMELINE

```jsx
 8    const CreateBooks = () => {
43            <label className='text-xl mr-4 ▪text-gray-500'>Title</label>
44            <input
45              type='text'
46              value={title}
47              onChange={(e) => setTitle(e.target.value)}
48              className='border-2 ▪border-gray-500 px-4 py-2 w-full'
49            />
50          </div>
51          <div className="my-4">
52            <label className='text-xl mr-4 ▪text-gray-500'>Author</label>
53            <input
54              type='text'
55              value={author}
56              onChange={(e) => setAuthor(e.target.value)}
57              className='border-2 ▪border-gray-500 px-4 py-2 w-full'
58            />
59          </div>
60          <div className="my-4">
61            <label className='text-xl mr-4 ▪text-gray-500'>Publish Year</label>
62            <input
63              type='text'
64              value={publishYear}
65              onChange={(e) => setPublishYear(e.target.value)}
66              className='border-2 ▪border-gray-500 px-4 py-2 w-full'
67            />
68          </div>
69          <button className='p-2 ▪bg-sky-300 m-8' onClick={handleSaveBook}>
70            Save
71          </button>
72        </div>
73      </div>
74    );
75  };
76
77  export default CreateBooks;
78
```

EXPLORER

DeleteBook.jsx U ✕

∨ BOOK-STORE-MASTER

frontend › src › pages › DeleteBook.jsx › ...

> .git
> backend
∨ frontend
  > node_modules
  > public
  ∨ src
    > assets
    > components
    ∨ pages
        CreateBooks.jsx   U
        DeleteBook.jsx   U
        EditBook.jsx   U
        Home.jsx   U
        ShowBook.jsx   U
      # App.css   U
        App.jsx   U
      # index.css   U
        main.jsx   U
      ● .eslintrc.cjs   U
      <> index.html   U
      {} package-lock.json   U
      {} package.json   U
      JS postcss.config.js   U
      ⓘ README.md   U
      JS tailwind.config.js   U
      JS vite.config.js   U
    > node_modules
      ◆ .gitignore   U
    {} package-lock.json   U
    {} package.json   U

> OUTLINE
> TIMELINE

```jsx
1    import axios from 'axios'
2    import { useSnackbar } from 'notistack'
3    import React, { useState } from 'react'
4    import { useNavigate, useParams } from 'react-router-dom'
5    import BackButton from '../components/BackButton'
6    import Spinner from '../components/Spinner'
7
8
9    const DeleteBook = () => {
10     const [loading, setLoading] = useState(false);
11     const navigate = useNavigate();
12     const { id } = useParams();
13     const { enqueueSnackbar } = useSnackbar();
14
15     const handleDeleteBook = async () => {
16       setLoading(true);
17       try {
18         await axios.delete(`https://book-store-b8k4.onrender.com/books/${id}`);
19         setLoading(false);
20         enqueueSnackbar('Book Deleted Successfully', { variant: 'success'});
21         navigate("/");
22       } catch (error) {
23         setLoading(false);
24         enqueueSnackbar('Error', {variant: 'error'});
25         console.log(error);
26       }
27     };
28
29     return (
30       <div className='p-4'>
31         <BackButton/>
32         <h1 className='text-3xl my-4'>Delete Book</h1>
33         {loading ? <Spinner /> : ''}
34         <div className='flex flex-col items-centre border-2 ▇border-sky-400 rounded-x1 w-[600px] p-8 mx-auto'>
35           <h3 className='text-2xl'>Are you Sure You want to delete this book?</h3>
36
37           <button
```
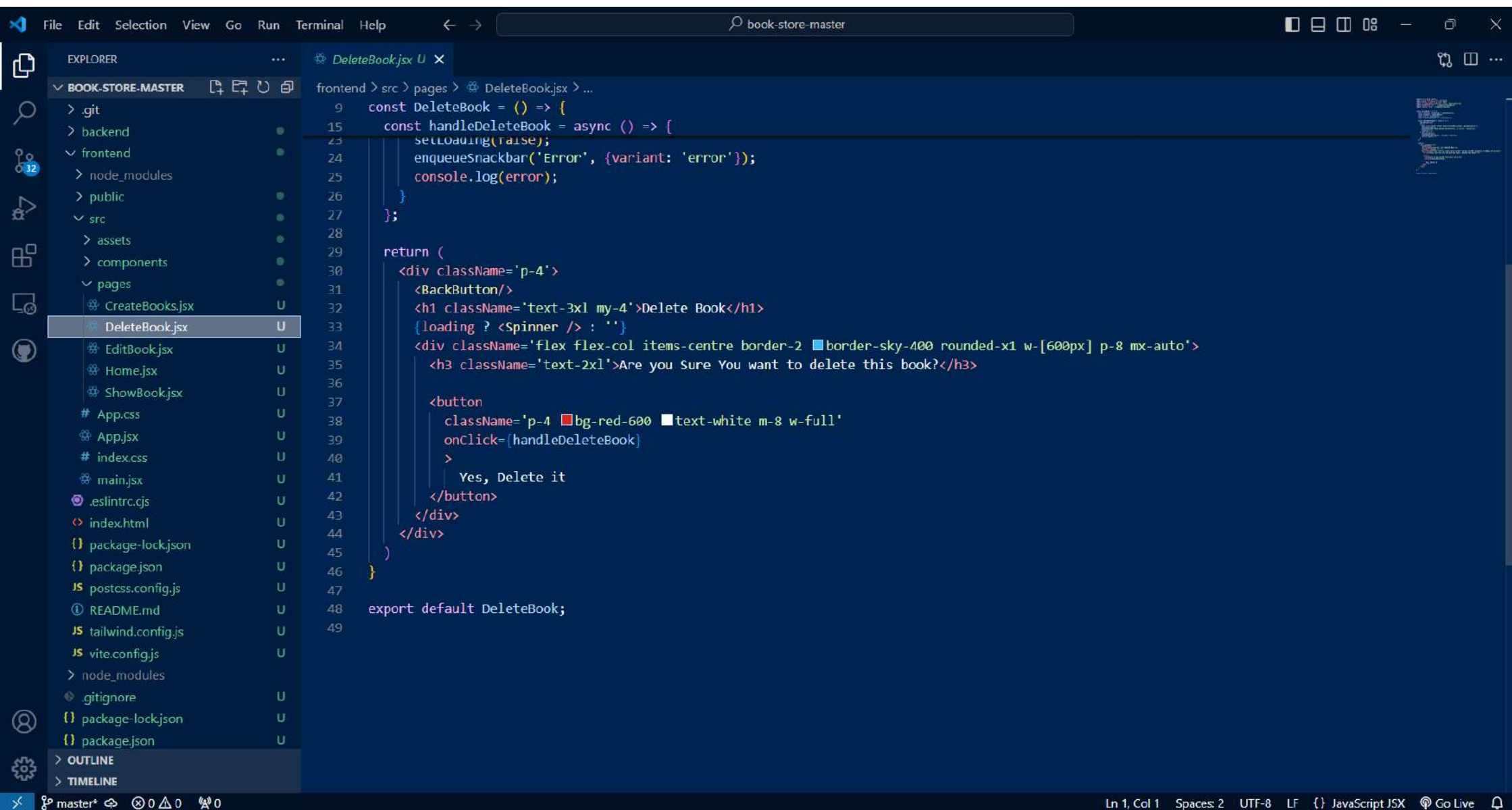
```jsx
const DeleteBook = () => {
    const handleDeleteBook = async () => {
        setLoading(false);
        enqueueSnackbar('Error', {variant: 'error'});
        console.log(error);
      }
    };


    return (
      <div className='p-4'>
        <BackButton/>
        <h1 className='text-3xl my-4'>Delete Book</h1>
        {loading ? <Spinner /> : ''}
        <div className='flex flex-col items-centre border-2 border-sky-400 rounded-xl w-[600px] p-8 mx-auto'>
          <h3 className='text-2xl'>Are you Sure You want to delete this book?</h3>

          <button
            className='p-4 bg-red-600 text-white m-8 w-full'
            onClick={handleDeleteBook}
          >
            Yes, Delete it
          </button>
        </div>
      </div>
    )
}

export default DeleteBook;
```

EXPLORER

∨ BOOK-STORE-MASTER

> .git
> backend
∨ frontend
  > node_modules
  > public
  ∨ src
    > assets
    > components
    ∨ pages
        CreateBooks.jsx   U
        DeleteBook.jsx   U
        EditBook.jsx   U
        Home.jsx   U
        ShowBook.jsx   U
    # App.css   U
      App.jsx   U
    # index.css   U
      main.jsx   U
    .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  ① README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
  > node_modules
  .gitignore   U
  {} package-lock.json   U
  {} package.json   U

> OUTLINE
> TIMELINE

⊕ EditBook.jsx U ✕

frontend > src > pages > ⊕ EditBook.jsx > ...

```jsx
 1   import axios from 'axios';
 2   import { useSnackbar } from 'notistack';
 3   import React, { useState, useEffect } from 'react';
 4   import { useNavigate, useParams } from 'react-router-dom';
 5   import BackButton from '../components/BackButton';
 6   import Spinner from '../components/Spinner';
 7
 8   const EditBook = () => {
 9     const [title, setTitle] = useState('');
10     const [author, setAuthor] = useState('');
11     const [publishYear, setPublishYear] = useState('');
12     const [loading, setLoading] = useState(false);
13     const navigate = useNavigate();
14     const { id } = useParams();
15     const { enqueueSnackbar } = useSnackbar();
16
17     useEffect(() => {
18       const fetchData = async () => {
19         setLoading(true);
20         try {
21           const response = await axios.get(`https://book-store-b8k4.onrender.com/books/${id}`);
22           const d = await response.data;
23           setAuthor(d.data.author);
24           setPublishYear(d.data.publishYear);
25           setTitle(d.data.title);
26           setLoading(false);
27         } catch (error) {
28           setLoading(false);
29           alert('An error happened. Pls check console');
30           console.log(error);
31         }
32       };
33
34       fetchData();
35     }, [id]);
36
37     const handleEditBook = async () => {
```

EXPLORER

BOOK-STORE-MASTER

> .git
> backend
∨ frontend
  > node_modules
  > public
  ∨ src
    > assets
    > components
    ∨ pages
      CreateBooks.jsx   U
      DeleteBook.jsx   U
      EditBook.jsx   U
      Home.jsx   U
      ShowBook.jsx   U
    # App.css   U
    App.jsx   U
    # index.css   U
    main.jsx   U
  .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  README.md   U
  JS tailwind.config.js U
  JS vite.config.js   U
  > node_modules
  .gitignore   U
  {} package-lock.json   U
  {} package.json   U

> OUTLINE
> TIMELINE

EditBook.jsx U

frontend > src > pages > EditBook.jsx > ...

```jsx
  8    const EditBook = () => {
 63            <label className="text-xl mr-4 text-gray-500">Title</label>
 64            <input
 65              type="text"
 66              value={title}
 67              onChange={(e) => setTitle(e.target.value)}
 68              className="border-2 border-gray-500 px-4 py-2 w-full"
 69            />
 70          </div>
 71          <div className="my-4">
 72            <label className="text-xl mr-4 text-gray-500">Author</label>
 73            <input
 74              type="text"
 75              value={author}
 76              onChange={(e) => setAuthor(e.target.value)}
 77              className="border-2 border-gray-500 px-4 py-2 w-full"
 78            />
 79          </div>
 80          <div className="my-4">
 81            <label className="text-xl mr-4 text-gray-500">Publish Year</label>
 82            <input
 83              type="text"
 84              value={publishYear}
 85              onChange={(e) => setPublishYear(e.target.value)}
 86              className="border-2 border-gray-500 px-4 py-2 w-full"
 87            />
 88          </div>
 89          <button className="p-2 bg-sky-300 m-8" onClick={handleEditBook}>
 90            Save
 91          </button>
 92        </div>
 93      </div>
 94    );
 95  };
 96
 97  export default EditBook;
 98
```

```jsx
import React, { useEffect, useState } from 'react';
import axios from 'axios';
import Spinner from '../components/Spinner';
import { Link } from 'react-router-dom';
import { AiOutlineEdit } from 'react-icons/ai';
import { BsInfoCircle } from 'react-icons/bs';
import { MdOutlineAddBox, MdOutlineDelete } from 'react-icons/md';
import BooksCard from '../components/home/BooksCard';
import BooksTable from '../components/home/BooksTable';

const Home = () => {
  const [books, setBooks] = useState([]);
  const [loading, setLoading] = useState(false);
  const [showType, setShowType] = useState('table');

  useEffect(() => {
    const fetchBooks = async () => {
      setLoading(true);
      try {
        const response = await axios.get('https://book-store-b8k4.onrender.com/books');
        const data = await response.data;
        setBooks(data.data);
        setLoading(false);
      } catch (error) {
        console.log(error);
        setLoading(false);
      }
    };

    fetchBooks();
  }, []);

  return (
    <div className='p-4'>
      <div className='flex justify-center items-center gap-x-4'>
        <button className='bg-sky-300 hover:bg-sky-600 px-4 py-1 rounded-lg' onClick={() => setShowType('table')}>
          Table
```

EXPLORER

BOOK-STORE-MASTER

> .git
> backend
v frontend
  > node_modules
  > public
  v src
    > assets
    > components
    v pages
        CreateBooks.jsx   U
        DeleteBook.jsx   U
        EditBook.jsx   U
        Home.jsx   U
        ShowBook.jsx   U
      # App.css   U
        App.jsx   U
      # index.css   U
        main.jsx   U
      .eslintrc.cjs   U
    <> index.html   U
    {} package-lock.json   U
    {} package.json   U
    JS postcss.config.js   U
    (i) README.md   U
    JS tailwind.config.js U
    JS vite.config.js   U
  > node_modules
  .gitignore   U
  {} package-lock.json   U
  {} package.json   U

> OUTLINE
> TIMELINE

Home.jsx U ✕

frontend > src > pages > Home.jsx > ...

```
11   const Home = () => {
16       useEffect(() => {
29
30           fetchBooks();
31       }, []);
32
33       return (
34           <div className='p-4'>
35               <div className='flex justify-center items-center gap-x-4'>
36                   <button className='bg-sky-300 hover:bg-sky-600 px-4 py-1 rounded-lg' onClick={() => setShowType('table')}>
37                       Table
38                   </button>
39                   <button className='bg-sky-300 hover:bg-sky-600 px-4 py-1 rounded-lg' onClick={() => setShowType('card')}>
40                       Card
41                   </button>
42               </div>
43               <div className='flex justify-between items-centre'>
44                   <h1 className='text-3xl my-8'>Books List</h1>
45                   <Link to='/books/create'>
46                       <MdOutlineAddBox className='text-sky-800 text-4xl' />
47                   </Link>
48               </div>
49               {loading ? <Spinner /> : showType === 'table' ? <BooksTable books={books} /> : <BooksCard books={books} />}
50           </div>
51       );
52   };
53
54   export default Home;
55
```

```jsx
import React, { useEffect, useState } from 'react'
import axios from 'axios'
import { useParams } from 'react-router-dom'
import BackButton from '../components/BackButton'
import Spinner from '../components/Spinner'


const ShowBook = () => {
  const [book, setBook] = useState({});
  const [loading, setLoading] = useState(false);
  const { id } = useParams();
  console.log(id);

  useEffect(() => {
    const fetchData = async () => {
      setLoading(true);
      try {
        const response = await axios.get(`https://book-store-b8k4.onrender.com/books/${id}`);
        const data = await response.data;
        setBook(data.data);
        setLoading(false);
      } catch (error) {
        console.log(error);
        setLoading(false);
      }
    };
    fetchData();
  }, [id]);

  return (
    <div className='p-4'>
      <BackButton />
      <h1 className='text-3xl my-4'>Show Book</h1>
      {loading ? (
        <Spinner />
      ) : (
        <div className='flex flex-col border-2 border-sky-400 rounded-xl w-fit p-4'>
```

```jsx
const ShowBook = () => {

    ) : (
        <div className='flex flex-col border-2 border-sky-400 rounded-xl w-fit p-4'>
            <div className='my-4'>
                <span className='text-xl mr-4 text-gray-500'>Id</span>
                <span>{book._id}</span>
            </div>
            <div className='my-4'>
                <span className='text-xl mr-4 text-gray-500'>Title</span>
                <span>{book.title}</span>
            </div>
            <div className='my-4'>
                <span className='text-xl mr-4 text-gray-500'>Author</span>
                <span>{book.author}</span>
            </div>
            <div className='my-4'>
                <span className='text-xl mr-4 text-gray-500'>Publish Year</span>
                <span>{book.publishYear}</span>
            </div>
            <div className='my-4'>
                <span className='text-xl mr-4 text-gray-500'>Create Time</span>
                <span>{new Date(book.createdAt).toString()}</span>
            </div>
            <div className='my-4'>
                <span className='text-xl mr-4 text-gray-500'>Last Update Time</span>
                <span>{new Date(book.updatedAt).toString()}</span>
            </div>
        </div>
    )}
    </div>
  )
}

export default ShowBook;
```

EXPLORER

main.jsx U   JS postcss.config.js U ✕

∨ BOOK-STORE-MASTER

frontend > JS postcss.config.js > ...

```
1   export default {
2     plugins: {
3       tailwindcss: {},
4       autoprefixer: {},
5     },
6   }
7
```

> .git
> backend   ●
∨ frontend   ●
  > node_modules
  > public   ●
  ∨ src   ●
    > assets   ●
    > components   ●
    ∨ pages   ●
      ⚛ CreateBooks.jsx   U
      ⚛ DeleteBook.jsx   U
      ⚛ EditBook.jsx   U
      ⚛ Home.jsx   U
      ⚛ ShowBook.jsx   U
    # App.css   U
    ⚛ App.jsx   U
    # index.css   U
    ⚛ main.jsx   U
  ◎ .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  ⓘ README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
  > node_modules

book-store-master

EXPLORER
···

∨ BOOK-STORE-MASTER

> .git
> backend
∨ frontend
  > node_modules
  ∨ public
      vite.svg   U
  > src
  ⊙ .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  ⓘ README.md   U
  JS tailwind.config.js   U
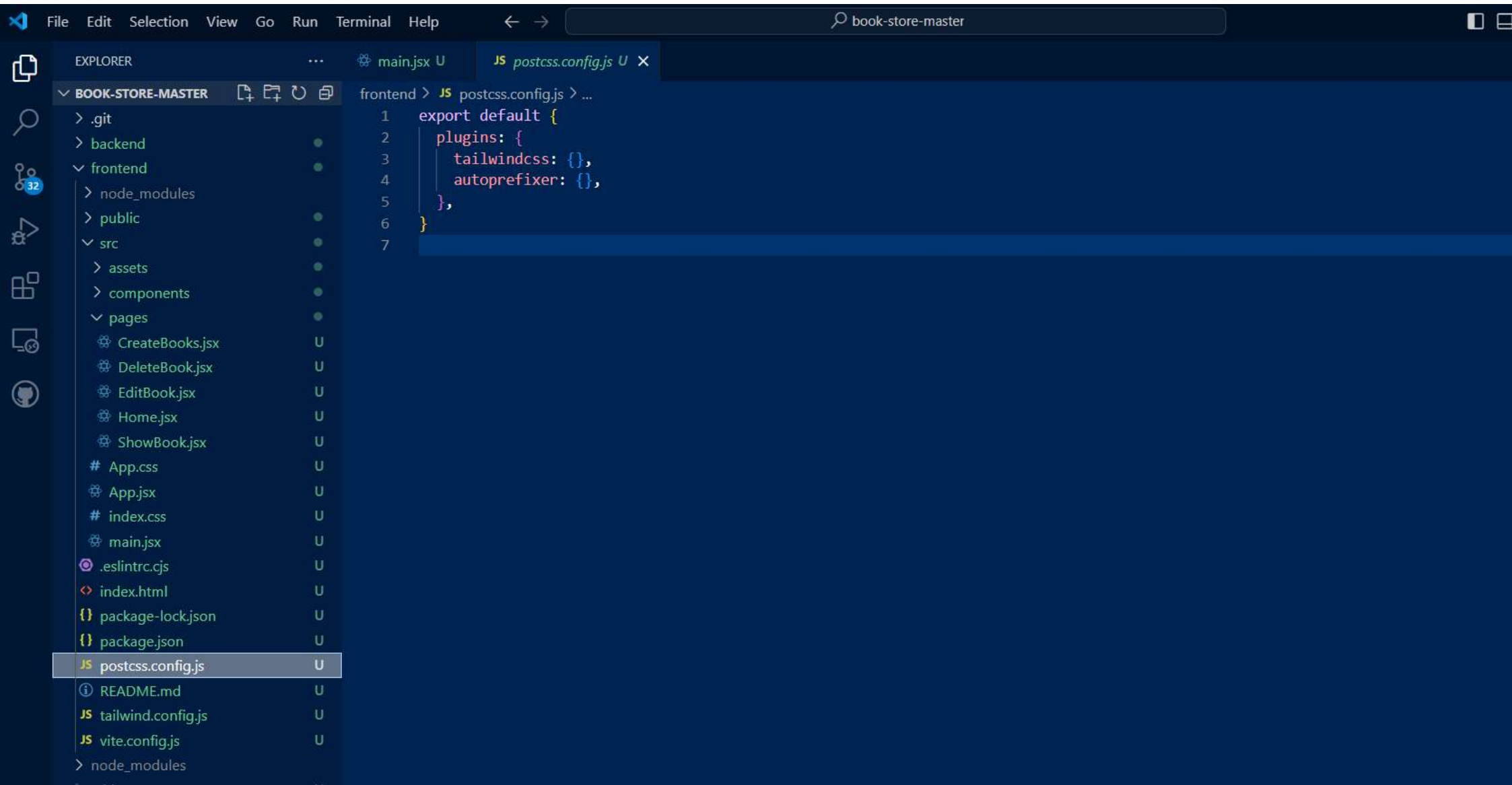 JS vite.config.js   U
  > node_modules
  ◈ .gitignore   U
  {} package-lock.json   U
  {} package.json   U
  ⓘ README.md   U

> OUTLINE
> TIMELINE

vite.svg U ✕

frontend > public > vite.svg

```
1   <svg xmlns="http://www.w3.org/2000/svg" xmlns:xlink="http://www.w3.org/1999/xlink" aria-hidden="true" role="img" class="iconify iconify--
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
  VITE v5.1.3  ready in 1009 ms

  →  Local:   http://localhost:5173/
  →  Network: use --host to expose
  →  press h + enter to show help
Browserslist: caniuse-lite is outdated. Please run:
  npx update-browserslist-db@latest
  Why you should do it regularly: https://github.com/browserslist/update-db#readme
```

node
node

File   Edit   Selection   View   Go   Run   Terminal   Help

EXPLORER

∨ BOOK-STORE-MASTER

> .git
> backend
∨ frontend
  > node_modules
  > public
  ∨ src
    > assets
    ∨ components
      > home
      ⚛ BackButton.jsx   U
      ⚛ Spinner.jsx   U
    > pages
    # App.css   U
    ⚛ App.jsx   U
    # index.css   U
    ⚛ main.jsx   U
  ◎ .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  ① README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
> node_modules
  ◆ .gitignore   U
  {} package-lock.json   U
  {} package.json   U
  ① README.md   U

> OUTLINE
> TIMELINE

frontend > src > components > ⚛ Spinner.jsx > ...

```
1   import React from 'react'
2
3   const Spinner = () => {
4     return (
5       <div className='animate-ping w-16 h-16 m-8 rounded-full bg-sky-600'>Spinner</div>
6     )
7   }
8
9   export default Spinner
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

  VITE v5.1.3 ready in 1009 ms

  ➜ Local: http://localhost:5173/
  ➜ Network: use --host to expose
  ➜ press h + enter to show help
Browserslist: caniuse-lite is outdated. Please run:
  npx update-browserslist-db@latest
  Why you should do it regularly: https://github.com/browserslist/update-db#readme

node
node

EXPLORER

∨ BOOK-STORE-MASTER

- `>` .git
- `>` backend
- `∨` frontend
  - `>` node_modules
  - `>` public
  - `∨` src
    - `>` assets
    - `>` components
    - `∨` pages
      - ⚛ CreateBooks.jsx   U
      - ⚛ DeleteBook.jsx   U
      - ⚛ EditBook.jsx   U
      - ⚛ Home.jsx   U
      - ⚛ ShowBook.jsx   U
    - `#` App.css   U
    - ⚛ App.jsx   U
    - `#` index.css   U
    - ⚛ main.jsx   U
  - ◉ .eslintrc.cjs   U
  - `<>` index.html   U
  - `{}` package-lock.json   U
  - `{}` package.json   U
  - JS postcss.config.js   U
  - ⓘ README.md   U
  - JS tailwind.config.js   U
  - JS vite.config.js   U
  - `>` node_modules

⚛ main.jsx U   JS tailwind.config.js U ✕

frontend > JS tailwind.config.js > ...

```js
1   /** @type {import('tailwindcss').Config} */
2   export default {
3     content: [
4       "./index.html",
5       "./src/**/*.{js,ts,jsx,tsx}",
6     ],
7     theme: {
8       extend: {},
9     },
10    plugins: [],
11  }
```

EXPLORER   · · ·   ⚛ main.jsx U   JS vite.config.js U ✕

∨ BOOK-STORE-MASTER   🗋 🗂 ↻ ⊟   frontend > JS vite.config.js > [∅] default

> .git   1   import { defineConfig } from 'vite'
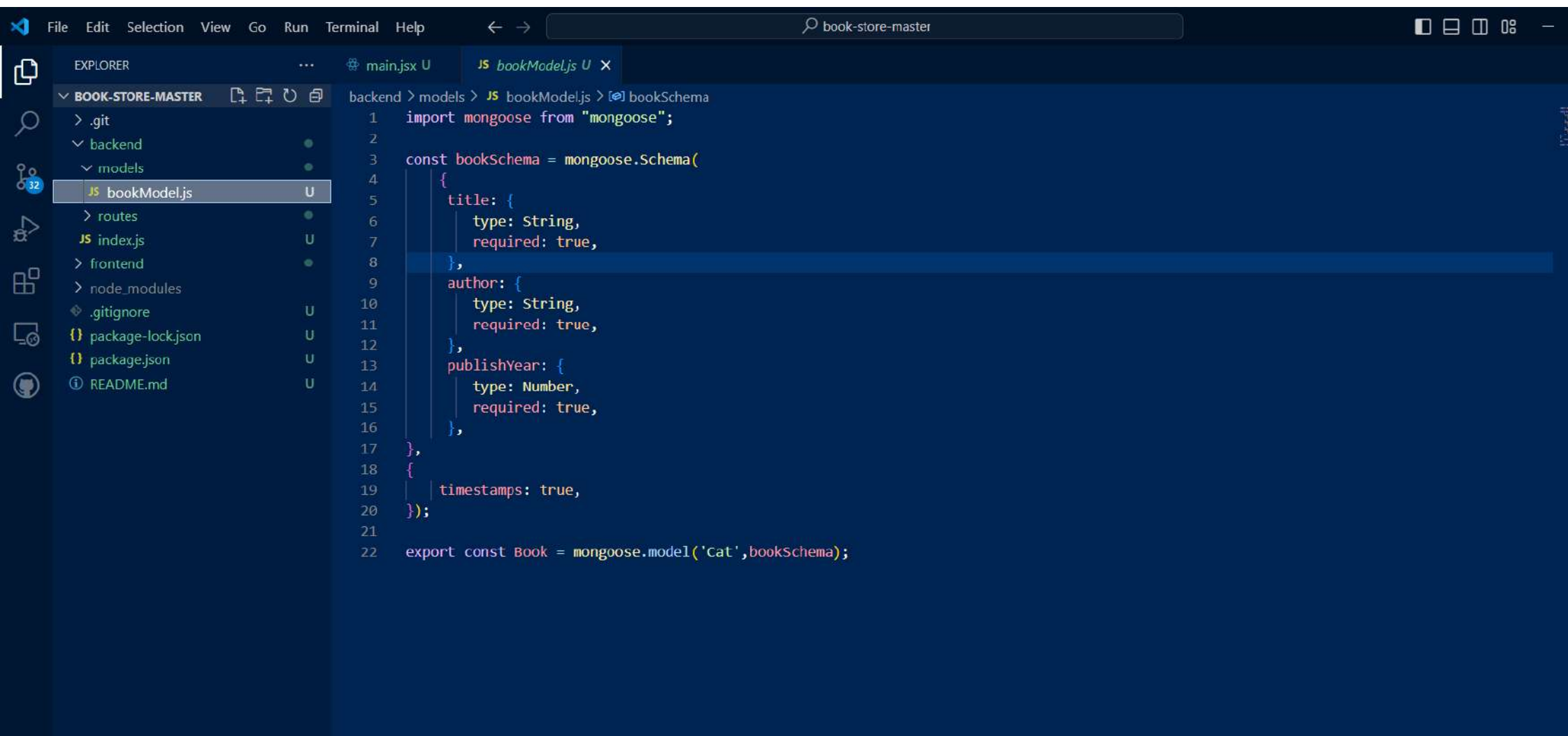> backend   ●   2   import react from '@vitejs/plugin-react'
∨ frontend   ●   3
  > node_modules   4   // https://vitejs.dev/config/
  > public   ●   5   export default defineConfig({
  ∨ src   ●   6   plugins: [react()],
    > assets   ●   7   })
    > components   ●   8
    ∨ pages   ●
      ⚛ CreateBooks.jsx   U
      ⚛ DeleteBook.jsx   U
      ⚛ EditBook.jsx   U
      ⚛ Home.jsx   U
      ⚛ ShowBook.jsx   U
    # App.css   U
    ⚛ App.jsx   U
    # index.css   U
    ⚛ main.jsx   U
  ◉ .eslintrc.cjs   U
  <> index.html   U
  {} package-lock.json   U
  {} package.json   U
  JS postcss.config.js   U
  ⓘ README.md   U
  JS tailwind.config.js   U
  JS vite.config.js   U
  > node modules

```javascript
import mongoose from "mongoose";

const bookSchema = mongoose.Schema(
    {
        title: {
            type: String,
            required: true,
        },
        author: {
            type: String,
            required: true,
        },
        publishYear: {
            type: Number,
            required: true,
        },
    },
    {
        timestamps: true,
    });

export const Book = mongoose.model('Cat',bookSchema);
```

EXPLORER

JS main.jsx U   JS booksRoute.js U ✕

∨ BOOK-STORE-MASTER

backend > routes > JS booksRoute.js > ...

> .git
∨ backend
  > models
  ∨ routes
    JS booksRoute.js   U
  JS index.js   U
> frontend
> node_modules
◈ .gitignore   U
{} package-lock.json   U
{} package.json   U
ⓘ README.md   U

```javascript
1   import express from 'express';
2   import { Book } from '../models/bookModel.js';
3
4   const router = express.Router();
5
6   router.post('/', async (req,res) => {
7       try{
8           if(!req.body.title || !req.body.author || !req.body.publishYear){
9               return res.status(400).json({
10                  msg: "Send all required fields"
11              });
12          }
13          const newBook = {
14              title: req.body.title,
15              author: req.body.author,
16              publishYear: req.body.publishYear
17          };
18
19          const book = await Book.create(newBook);
20
21          return res.status(201).send(book);
22      } catch(error){
23          console.log(error.message);
24          res.status(500).json({
25              msg: error.message
26          });
27      }
28
29  });
30
31  router.get('/', async (req,res) => {
32      try{
33          const books = await Book.find({});
34
35          return res.status(200).json({
36              count: books.length,
37              data: books
```
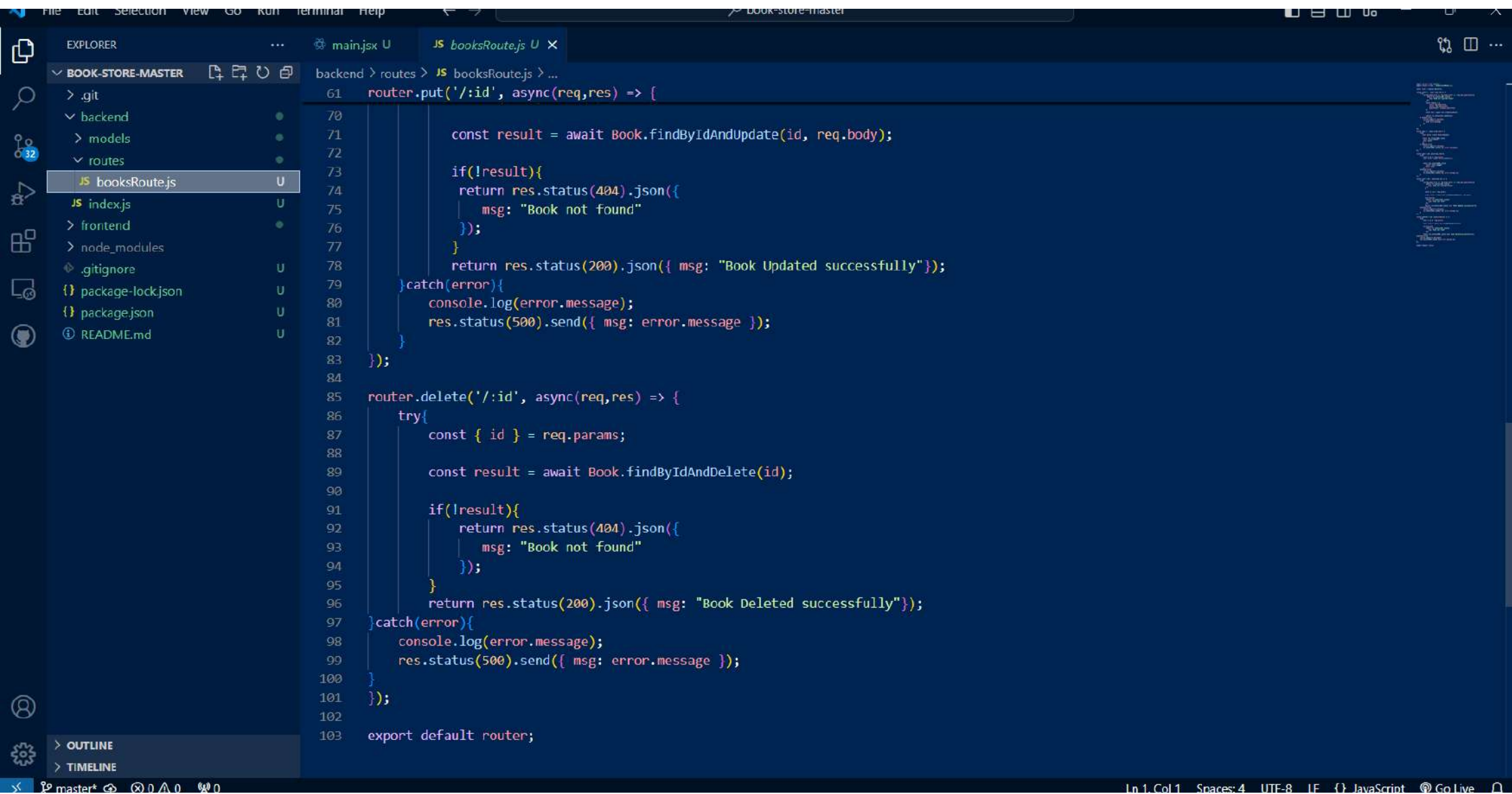
> OUTLINE
> TIMELINE

master* ⊗ 0 ⚠ 0   Ln 1, Col 1   Spaces: 4   UTF-8   LF   {} JavaScript   Go Live

```
61    router.put('/:id', async(req,res) => {
70
71            const result = await Book.findByIdAndUpdate(id, req.body);
72
73            if(!result){
74             return res.status(404).json({
75                 msg: "Book not found"
76             });
77            }
78            return res.status(200).json({ msg: "Book Updated successfully"});
79        }catch(error){
80            console.log(error.message);
81            res.status(500).send({ msg: error.message });
82        }
83    });
84
85    router.delete('/:id', async(req,res) => {
86        try{
87            const { id } = req.params;
88
89            const result = await Book.findByIdAndDelete(id);
90
91            if(!result){
92                return res.status(404).json({
93                    msg: "Book not found"
94                });
95            }
96            return res.status(200).json({ msg: "Book Deleted successfully"});
97    }catch(error){
98        console.log(error.message);
99        res.status(500).send({ msg: error.message });
100    }
101    });
102
103    export default router;
```

```javascript
import express from "express";
//import { PORT , mongoDBURL } from "./config.js"
import mongoose from "mongoose";
import booksRoute from './routes/booksRoute.js';
import dotenv from 'dotenv'
import path from 'path';
import cors from "cors";
dotenv.config();
const PORT = 3000;
const mongoDBURL = "mongodb://localhost:27017";

const __dirname = path.resolve();

const app = express();

// middlewares
app.use(cors());
app.use(express.json());



// routes


// Middleware for parsing request body
app.use('/books', booksRoute);
app.use(express.static(path.join(__dirname, "frontend/dist")));
app.get("*", (req, res) => {
    res.sendFile(path.join(__dirname, "frontend", "dist", "index.html"));
})


// Middleware for handling CORS Policy
// Option 1 : Allow All Origins with Default of cors(*)

// Option 2 : Allow Custom Origins
```
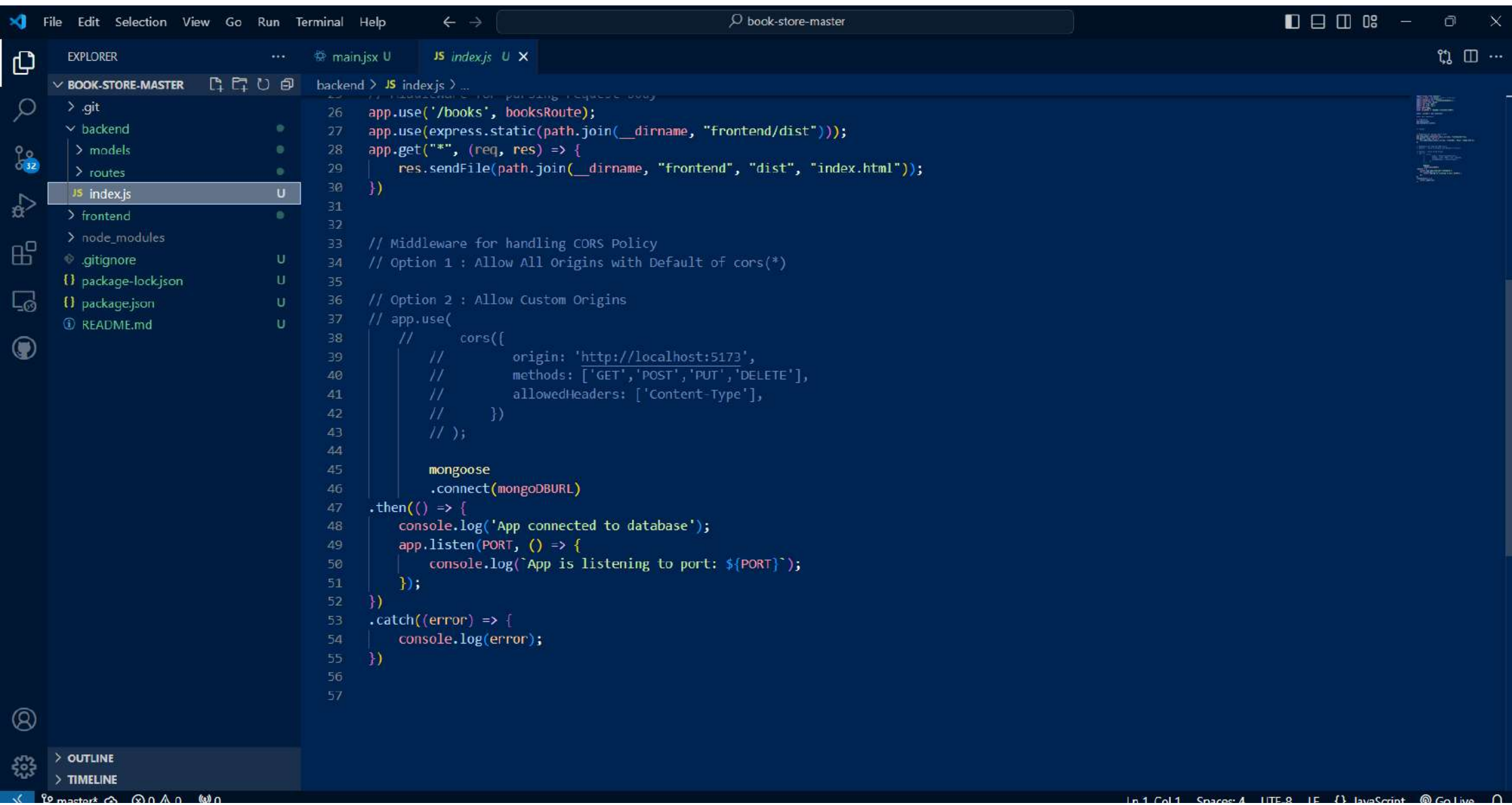
```js
app.use('/books', booksRoute);
app.use(express.static(path.join(__dirname, "frontend/dist")));
app.get("*", (req, res) => {
    res.sendFile(path.join(__dirname, "frontend", "dist", "index.html"));
})


// Middleware for handling CORS Policy
// Option 1 : Allow All Origins with Default of cors(*)

// Option 2 : Allow Custom Origins
// app.use(
//      cors({
//          origin: 'http://localhost:5173',
//          methods: ['GET','POST','PUT','DELETE'],
//          allowedHeaders: ['Content-Type'],
//      })
// );

    mongoose
    .connect(mongoDBURL)
.then(() => {
    console.log('App connected to database');
    app.listen(PORT, () => {
        console.log(`App is listening to port: ${PORT}`);
    });
})
.catch((error) => {
    console.log(error);
})
```

Table   Card

Books List

No	Title	Author	Publish Year	Operations

←

Create Book

Title

Author

Publish Year

Save

Create Book

Title

Atomic Habits

Author

James Clear

Publish Year

1999

Save

Table Card

Books List

No	Title	Author	Publish Year	Operations
1	Atomic Habits	James Clear	1999	ⓘ ✏ 🗑

Books List

673374990d31a162c100cb8c   1999

📖 Atomic Habits

👤 James Clear

```
PS C:\Users\dhiru\Downloads\book-store-master\book-store-master\backend> npm start

> backend@1.0.0 start
> node backend/index.js

App connected to database
App is listening to port: 3000
```

PROBLEMS　OUTPUT　DEBUG CONSOLE　**TERMINAL**　PORTS

```
  VITE v5.1.3  ready in 212 ms

  ➜  Local:   http://localhost:5173/
  ➜  Network: use --host to expose
  ➜  press h + enter to show help
Browserslist: caniuse-lite is outdated. Please run:
  npx update-browserslist-db@latest
  Why you should do it regularly: https://github.com/browserslist/update-db#readme
```

node

node