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Team Budget Planner source code

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App.css

```css
.App {
  text-align: center;
}

.App-logo {
  height: 40vmin;
  pointer-events: none;
}

@media (prefers-reduced-motion: no-preference) {
  .App-logo {
    animation: App-logo-spin infinite 20s linear;
  }
}

.App-header {
  background-color: #282c34;
  min-height: 100vh;
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: center;
  font-size: calc(10px + 2vmin);
  color: white;
}

.App-link {
  color: #61dafb;
}
```

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

App.js

```javascript
import './App.css';
import vendors from "./vendors.json";

var allvendors = '';
if(JSON.parse(localStorage.getItem("vendorsUpdate")).length > vendors.length)
  allvendors =
JSON.parse(localStorage.getItem("vendorsUpdate"));
else
  allvendors = vendors;


var vendorsTemp = []
for(let i = 0; i < allvendors.length; i++)
{
  if(allvendors[i] !== null)
    vendorsTemp.push(allvendors[i])
}
allvendors = vendorsTemp
```

```
function App() {
  return (
    <div className="App">
      <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/
dAiS6JXm" crossorigin="anonymous"></link>
      <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/
bootstrap.min.js"></script>

      <div class="d-flex justify-content-center">
        <div class="w-75 p-3">
          <div class="jumbotron jumbotron-fluid">
            <div>
              <div class="alert alert-light"
role="alert">
                <h1 className="display-2">Product
Manager Page</h1>
              </div>
              <hr/>
              <h1 className="display-4">View</h1>
              <p className="lead">View all vendor
information here</p>
              <h4>Vendors:</h4>
              <ul>
                {allvendors.map(s => (
                  <div><p className="lead"> {s.id}:
{s.vendor_name} </p></div>
```

```
                    ))}
                </ul>
                <hr/>
                <h1 className="display-4">Add</h1>
                <p className="lead">Add a new vendor
here</p>
                <form class="w-50 mx-auto">
                    <div class="input-group">
                        <div class="input-group-prepend">
                            <div class="input-group-
text">@</div>
                        </div>
                        <input type="text" class="form-
control" placeholder="Vendor Name"
id="vendorName"></input>
                    </div>
                    <div class="input-group">
                        <div class="input-group-prepend">
                            <div class="input-group-
text">@</div>
                        </div>
                        <input type="text" class="form-
control" placeholder="Project Name"
id="projectName"></input>
                    </div>
                    <br></br>
                    <button type="submit" class="btn btn-
secondary" onClick={add}>Submit</button>
                </form>
                <hr/>
                <h1 className="display-4">Edit</h1>
```

```html
                    <p className="lead">Edit an existing
vendor here</p>
                    <form class="w-50 mx-auto">
                        <div class="input-group">
                            <div class="input-group-prepend">
                                <div class="input-group-
text">#</div>
                            </div>
                            <input type="number" class="form-
control" placeholder="Vendor ID" id="idEdit"></input>
                        </div>
                        <div class="input-group">
                            <div class="input-group-prepend">
                                <div class="input-group-
text">@</div>
                            </div>
                            <input type="text" class="form-
control" placeholder="Vendor Name"
id="vendorEdit"></input>
                        </div>
                        <div class="input-group">
                            <div class="input-group-prepend">
                                <div class="input-group-
text">@</div>
                            </div>
                            <input type="text" class="form-
control" placeholder="Project Name"
id="projectEdit"></input>
                        </div>
                        <br></br>
```

```
                <button type="submit" class="btn btn-
secondary" onClick={edit}>Submit</button>

            </form>
            <hr/>
            <h1 className="display-4">Delete</h1>
            <p className="lead">Delete an existing
vendor here</p>
            <form class="w-50 mx-auto">
                <div class="input-group">
                    <div class="input-group-prepend">
                        <div class="input-group-
text">#</div>
                    </div>
                    <input type="number" class="form-
control" placeholder="Vendor ID" id="idDelete"></input>
                </div>
                <br></br>
                <button type="submit" class="btn btn-
secondary" onClick={del}>Submit</button>

            </form>
        </div>
      </div>
    </div>

  </div>
 );
}
function add(){
```

```javascript
  const vendor =
document.getElementById('vendorName').value
  const project =
document.getElementById('projectName').value
  console.log(vendor);
  console.log(project);
  const newVendor = {
    "id" : allvendors.length,
    "vendor_name" : vendor,
    "project_name" : project,
    "project_cost" : null
  }

  //console.log(file.get());
  allvendors.push(newVendor);
  localStorage.setItem("vendorsUpdate",
JSON.stringify(allvendors))

}
function edit(){
  const id = document.getElementById('idEdit').value
  const vendor =
document.getElementById('vendorEdit').value
  const project =
document.getElementById('projectEdit').value
  if(allvendors.length >= id)
  {
    allvendors[id].vendor_name = vendor;
    allvendors[id].project_name = project;
  }
```

```
  localStorage.setItem("vendorsUpdate",
JSON.stringify(allvendors))
  console.log(allvendors)
}
function del(){
  var id = document.getElementById('idDelete').value
  if(allvendors.length >= id)
  {
    delete allvendors[id]
  }
  console.log(allvendors)
  localStorage.setItem("vendorsUpdate",
JSON.stringify(allvendors))
}
export {allvendors};
export default App;
```

App.test.js

```
import { render, screen } from '@testing-library/react';
import App from './App';

test('renders learn react link', () => {
  render(<App />);
  const linkElement = screen.getByText(/learn react/i);
  expect(linkElement).toBeInTheDocument();
});
```
----

finance.js

```javascript
import './App.css';
import {allvendors} from './App';

function finance() {
    return (
      <div className="App">
        <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous"></link>
        <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js"></script>

        <div class="d-flex justify-content-center">
            <div class="w-75 p-3">
                <div class="jumbotron jumbotron-fluid">
                    <div class="alert alert-light"
role="alert">
                        <h1 className="display-2">Finance Page</h1>
                    </div>
                    <hr/>
                    <h1 className="display-4">View</h1>
                    <p className="lead">View all project
information here</p>
                    <h4>Projects:</h4>
                    <p>ID: Project Name - Company -
Cost</p>
```

```
<ul>
    {allvendors.map(s => (
    <div><p className="lead">
{s.id}: {s.project_name} - {s.vendor_name} -
${s.project_cost}</p></div>
    ))}
</ul>
<hr/>

<h1 className="display-4">Add</h1>
<p className="lead">Add a new
project here</p>

<form class="w-50 mx-auto">
    <div class="input-group">
        <div class="input-group-
prepend">

            <div class="input-group-
text">@</div>

        </div>
        <input type="text"
class="form-control" placeholder="Vendor Name"
id="vendorName"></input>
    </div>
    <div class="input-group">
        <div class="input-group-
prepend">

            <div class="input-group-
text">@</div>

        </div>
```

```
                        <input type="text"
class="form-control" placeholder="Project Name"
id="projectName"></input>
                    </div>
                    <div class="input-group">
                        <div class="input-group-
prepend">
                            <div class="input-group-
text">$</div>
                        </div>
                        <input type="text"
class="form-control" placeholder="Edit Cost"
id="cost"></input>
                    </div>
                    <br></br>
                    <button type="submit" class="btn
btn-secondary" onClick={add}>Submit</button>
                </form>

                <hr/>
                <h1 className="display-4">Edit</h1>
                <p className="lead">Edit an existing
project here</p>
                <form class="w-50 mx-auto">
                <div class="input-group">
                    <div class="input-group-
prepend">
                        <div class="input-group-
text">#</div>
                    </div>
```

```html
                        <input type="number"
class="form-control" placeholder="Vendor ID"
id="idEdit"></input>
                    </div>
                    <div class="input-group">
                        <div class="input-group-
prepend">
                            <div class="input-group-
text">@</div>
                        </div>
                        <input type="text" class="form-
control" placeholder="Project Name"
id="projectEdit"></input>
                    </div>
                    <div class="input-group">
                        <div class="input-group-
prepend">
                            <div class="input-group-
text">$</div>
                        </div>
                        <input type="text" class="form-
control" placeholder="Edit Cost" id="costEdit"></input>
                    </div>
                    <br></br>
                    <button type="submit" class="btn
btn-secondary" onClick={edit}>Submit</button>

                </form>
                <hr/>
```

```jsx
                    <h1 className="display-
4">Delete</h1>
                    <p className="lead">Delete an
existing project here</p>
                        <form class="w-50 mx-auto">
                            <div class="input-group">
                                <div class="input-group-
prepend">
                                    <div class="input-group-
text">#</div>
                                </div>
                                <input type="number"
class="form-control" placeholder="Project ID"
id="idDelete"></input>
                            </div>
                            <br></br>
                            <button type="submit"
class="btn btn-secondary" onClick={del}>Submit</button>

                        </form>
                </div>
            </div>
        </div>

    </div>
    );
  }
  function add()
  {
    const vendor =
document.getElementById('vendorName').value
```

```javascript
    const project =
document.getElementById('projectName').value
    const cost = document.getElementById('cost').value

    const newProject = {
        "id" : allvendors.length,
        "vendor_name" : vendor,
        "project_name" : project,
        "project_cost" : cost
    }

    //console.log(file.get());
    allvendors.push(newProject);
    localStorage.setItem("vendorsUpdate",
JSON.stringify(allvendors))

  }
  function edit()
  {
    const id = document.getElementById('idEdit').value
    const cost =
document.getElementById('costEdit').value
    const project =
document.getElementById('projectEdit').value
    if(allvendors.length >= id)
    {
        allvendors[id].project_cost = cost;
        allvendors[id].project_name = project;
    }
    localStorage.setItem("vendorsUpdate",
JSON.stringify(allvendors))
```

```
    }
  function del()
  {
    var id = document.getElementById('idDelete').value
    if(allvendors.length >= id)
    {
        delete allvendors[id]
    }
    localStorage.setItem("vendorsUpdate",
JSON.stringify(allvendors))
  }
  export default finance;
```

----

index.css

```
body {
  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;}}
```

----

index.js

```js
import React from 'react';
import ReactDOM from 'react-dom';
import './index.css';
import App from './App';
import finance from './finance';
import reportWebVitals from './reportWebVitals';
import { BrowserRouter as Router } from 'react-router-
dom';
import { Routes } from './routes';

ReactDOM.render(
  <Router>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/cs
s/bootstrap.min.css" integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/
dAiS6JXm" crossorigin="anonymous"></link>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/
bootstrap.min.js"></script>
    <nav className="navbar navbar-expand navbar-dark bg-
dark">
      <a className="navbar-brand" href="/">Team Budget
Planner</a>
      <div class="container-fluid">
        <div className="navbar-nav">
          <a className="nav-link active"
href="/">Product Manager View</a>
          <a className="nav-link"
href="/finance">Finance View</a>
```

```
        </div>
      </div>
    </nav>
    <Routes />
  </Router>,
  document.getElementById('root')
);


// If you want to start measuring performance in your
app, pass a function
// to log results (for example:
reportWebVitals(console.log))
// or send to an analytics endpoint. Learn more:
https://bit.ly/CRA-vitals
reportWebVitals();
```

----

reportWebVitals.js

```
const reportWebVitals = onPerfEntry => {
  if (onPerfEntry && onPerfEntry instanceof Function) {
    import('web-vitals').then(({ getCLS, getFID, getFCP,
getLCP, getTTFB }) => {
      getCLS(onPerfEntry);
      getFID(onPerfEntry);
      getFCP(onPerfEntry);
      getLCP(onPerfEntry);
      getTTFB(onPerfEntry);
    });}};
export default reportWebVitals;
```

----

routes.js

```javascript
import React from 'react';
// eslint-disable-next-line
import App from './App';
// eslint-disable-next-line
import finance from './finance';
import {Route, Switch, Redirect} from 'react-router-dom';
export const Routes = () => {
  return (
    <div>
      <Switch>
        <Route exact path="/App" component={App} />
        <Route exact path="/">
          <Redirect to="/App" />
        </Route>
        <Route exact path="/finance" component={finance} />
      </Switch>
    </div>
  );};
```

----

vendors.json

```json
[
    {"id" : 0, "vendor_name" : "Apple", "project_name" :
"aplProject", "project_cost" : 100000},
    {"id" : 1, "vendor_name" : "Best Buy",
"project_name" : "bbProject", "project_cost" :
```

```
50000},{"id" : 2, "vendor_name" : "Dell", "project_name"
: "dlProject", "project_cost" : 200000},
    {"id" : 3, "vendor_name" : "Facebook",
"project_name" : "fbProject", "project_cost" : 20000},
    {"id" : 4, "vendor_name" : "Google", "project_name"
: "gglProject", "project_cost" : 80000}
]
```

----

package.json

```json
{
  "name": "teambudgetplanner",
  "version": "0.1.0",
  "private": true,
  "dependencies": {
    "@testing-library/jest-dom": "^5.11.10",
    "@testing-library/react": "^11.2.6",
    "@testing-library/user-event": "^12.8.3",
    "react": "^17.0.2",
    "react-dom": "^17.0.2",
    "react-scripts": "4.0.3",
    "web-vitals": "^1.1.1"
  },
  "scripts": {
    "start": "react-scripts start",
    "build": "react-scripts build",
    "test": "react-scripts test",
    "eject": "react-scripts eject"
  },
  "eslintConfig": {
    "extends": [
```

```json
      "react-app",
      "react-app/jest"
    ]
  },
  "browserslist": {
    "production": [
      ">0.2%",
      "not dead",
      "not op_mini all"
    ],
    "development": [
      "last 1 chrome version",
      "last 1 firefox version",
      "last 1 safari version"
    ]
  }
}
```

```
X=========================X===============================X
```