

```
{

  "name": "server"

  version: "1.0.0"

  "description": "Node.js app that connect the react-pos app
to the Database

  "main" : "index.js",

  "scripts": {

    test: "echo \"Error: no test specified\" &&
exit 1"

  },

  "author": "Your Name",

  "license": "MIT"

}
```

Is this ok?(yes) yes

```
app.all("/*", function(req, res, next) {
  // CORS headers
  res.header("Access-Control-Allow-Origin", "*"); // restrict
it to the required domain
  res.header("Access-Control-Allow-Methods",
"GET,PUT,POST,DELETE,OPTIONS");
  // Set custom headers for CORS
  res.header(
    "Access-Control-Allow-Headers",
    "Content-type,Accept,X-Access-Token,X-Key"
  );
  if (req.method == "OPTIONS") {
    res.status(200).end();
  } else {
    next();
  }
});
```

```
var app = require("express")();
```

```
var server = require("http").Server(app);
```

```
var bodyParser = require("body-parser");
```

```
var Datastore = require("nedb");
```

```
var async = require("async");
```

```
app.use(bodyParser.json());
```

```
module.exports = app;

// Creates Database

var inventoryDB = new Datastore({

  filename: "./server/databases/inventory.db",

  autoload: true

});

// GET inventory

app.get("/", function(req, res) {

  res.send("Inventory API");

});
```

```
// GET a product from inventory by _id

app.get("/product/:productId", function(req, res) {

  if (!req.params.productId) {

    res.status(500).send("ID field is required.");

  } else {

    inventoryDB.findOne({ _id: req.params.productId },
function(err, product) {

      res.send(product);

    });

  }

});
```

```
// GET all inventory products

app.get("/products", function(req, res) {

  inventoryDB.find({}, function(err, docs) {

    console.log("sending inventory products");

    res.send(docs);

  });

});

// Create inventory product

app.post("/product", function(req, res) {

  var newProduct = req.body;
```

```
inventoryDB.insert(newProduct, function(err, product) {

    if (err) res.status(500).send(err);

    else res.send(product);

});

});

app.delete("/product/:productId", function(req, res) {

    inventoryDB.remove({ _id: req.params.productId },
function(err, numRemoved) {

    if (err) res.status(500).send(err);

    else res.sendStatus(200);

});
```

```
});
```

```
// Updates inventory product
```

```
app.put("/product", function(req, res) {
```

```
    var productId = req.body._id;
```

```
    inventoryDB.update({ _id: productId }, req.body, {},  
function(
```

```
    err,
```

```
    numReplaced,
```

```
    product
```

```
) {
```

```
    if (err) res.status(500).send(err);
```

```
    else res.sendStatus(200);

  });

});

app.decrementInventory = function(products) {

  async.eachSeries(products, function(transactionProduct,
callback) {

    inventoryDB.findOne({ _id: transactionProduct._id },
function(

    err,

    product

  ) {

    // catch manually added items (don't exist in inventory)
```



```
if (!product || !product.quantity_on_hand) {

    callback();

} else {

    var updatedQuantity =

        parseInt(product.quantity_on_hand) -

        parseInt(transactionProduct.quantity);

    inventoryDB.update(

        { _id: product._id },

        { $set: { quantity_on_hand: updatedQuantity } },

        {},
```

```
callback
```

```
);
```

```
}
```

```
});
```

```
});
```

```
};
```

```
var app = require('express')()
```

```
var server = require('http').Server(app)
```

```
var bodyParser = require('body-parser')
```

```
var Datastore = require('nedb')
```

```
var Inventory = require('./inventory')
```

```
app.use(bodyParser.json())
```

```
module.exports = app
```

```
// Create Database
```

```
var Transactions = new Datastore({
```

```
  filename: './server/databases/transactions.db',
```

```
  autoload: true
```

```
})
```

```
app.get('/', function (req, res) {
```

```
  res.send('Transactions API')
```

```
})
```

```
// GET all transactions

app.get('/all', function (req, res) {

    Transactions.find({}, function (err, docs) {

        res.send(docs)

    })

})

// GET all transactions

app.get('/limit', function (req, res) {

    var limit = parseInt(req.query.limit, 10)

    if (!limit) limit = 5
```

```
    Transactions.find({}).limit(limit).sort({ date: -1
}).exec(function (err, docs) {
```

```
    res.send(docs)
```

```
    })
```

```
})
```

```
// GET total sales for the current day
```

```
app.get('/day-total', function (req, res) {
```

```
    // if date is provided
```

```
    if (req.query.date) {
```

```
        startDate = new Date(req.query.date)
```

```
        startDate.setHours(0,0,0,0)
```

```
        endDate = new Date(req.query.date)

        endDate.setHours(23,59,59,999)

    }

    else {

        // beginning of current day

        var startDate = new Date()

        startDate.setHours(0,0,0,0)

        // end of current day

        var endDate = new Date()

        endDate.setHours(23,59,59,999)
```

```
}
```

```
Transactions.find({ date: { $gte: startDate.toJSON(),  
$lte: endDate.toJSON() } }, function (err, docs) {
```

```
var result = {
```

```
    date: startDate
```

```
}
```

```
if (docs) {
```

```
    var total = docs.reduce(function (p, c) {
```

```
        return p + c.total
```

```
    }, 0.00)
```

```
        result.total =  
parseFloat(parseFloat(total).toFixed(2))
```

```
        res.send(result)
```

```
    }
```

```
    else {
```

```
        result.total = 0
```

```
        res.send(result)
```

```
    }
```

```
  })
```

```
  })
```

```
// GET transactions for a particular date
```



```
app.get('/by-date', function (req, res) {

    var startDate = new Date(2018, 2, 21)

    startDate.setHours(0,0,0,0)

    var endDate = new Date(2015, 2, 21)

    endDate.setHours(23,59,59,999)

    Transactions.find({ date: { $gte: startDate.toJSON(),
    $lte: endDate.toJSON() } }, function (err, docs) {

        if (docs)

            res.send(docs)

    })

})
```

```
  })
```

```
  // Add new transaction
```

```
  app.post('/new', function (req, res) {
```

```
    var newTransaction = req.body
```

```
    Transactions.insert(newTransaction, function (err,  
transaction) {
```

```
      if (err)
```

```
        res.status(500).send(err)
```

```
      else {
```

```
        res.sendStatus(200)
```

```
Inventory.decrementInventory(transaction.products)

    }

    })

})

// GET a single transaction

app.get('/:transactionId', function (req, res) {

    Transactions.find({ _id: req.params.transactionId },
function (err, doc) {

    if (doc)

        res.send(doc[0])

    })

})
```

```
}}
```

```
import React from "react";
```

```
import { render } from "react-dom";
```

```
import { BrowserRouter } from "react-router-dom";
```

```
import registerServiceWorker from "./registerServiceWorker";
```

```
import "./index.css";
```

```
import "bootstrap/dist/css/bootstrap.css";
```

```
import { makeRoutes } from "./routes";
```

```
import App from "./App";
```

```
render(
```

```
<BrowserRouter>
```

```
<App />
```

```
</BrowserRouter>,
```

```
document.getElementById("root")
```

```
);
```

```
registerServiceWorker();
```

```
import React from "react";
```

```
import { Switch, Route } from "react-router-dom";
```

```
import Inventory from "../Inventory";
```

```
import Pos from "../Pos";
```

```
import Transactions from "../Transactions";
```

```
import LiveCart from "../LiveCart";
```

```
const Main = () => {
```

```
<main>
```

```
<Switch>
```

```
<Route exact path="/" component={Pos} />
```

```
<Route path="/inventory" component={Inventory} />
```

```
<Route path="/transactions" component={Transactions} />
```

```
<Route path="/livecart" component={LiveCart} />
```

```
</Switch>
```

```
</main>
```

```
);
```

```
export default Main;
```

```
import React from "react";
```

```
import { Link } from "react-router-dom";

// The Header creates links that can be used to navigate

// between routes.

const Header = () => (

  <div className="text-center">

    <h1>

      <a href="/#/">Real Time Point POS</a>

    </h1>

    <ul className="nav-menu">

      <li className="lead">
```

```
<Link to="/inventory">Inventory</Link>
```

```
</li>
```

```
<li className="lead">
```

```
<Link to="/">POS</Link>
```

```
</li>
```

```
<li className="lead">
```

```
<Link to="/transactions">Transactions</Link>
```

```
</li>
```

```
<li className="lead">
```

```
<Link to="/livecart">LiveCart</Link>
```



```
</li>
```

```
</ul>
```

```
</div>
```

```
);
```

```
import React, { Component } from "react";
```

```
import "./App.css";
```

```
import Header from "./Header";
```

```
import Product from "./Product";
```

```
import axios from "axios";
```

```
const HOST = "http://localhost:80";
```

```
class Inventory extends Component {
```

```
constructor(props) {  
  
  super(props);  
  
  this.state = { products: [] };  
  
}  
  
componentWillMount() {  
  
  var url = HOST + `/api/inventory/products`;   
  
  axios.get(url).then(response => {  
  
    this.setState({ products: response.data });  
  
  });  
  
}
```

```
render() {  
  
    var { products } = this.state;  
  
    var renderProducts = () => {  
  
        if (products.length === 0) {  
  
            return <p>{products}</p>;  
  
        }  
  
        return products.map(product => <Product {...product} />);  
  
    };  
  
    return (  
  
        <div>
```

```
<Header />
```

```
<div class="container">
```

```
<a
```

```
href="#/inventory/create-product"
```

```
class="btn btn-success pull-right"
```

```
>
```

```
<i class="glyphicon glyphicon-plus" /> Add New Item
```

```
</a>
```

```
<br />
```

```
<br />
```

```
<table class="table">
```

```
<thead>
```

```
<tr>
```

```
<th scope="col">Name</th>
```

```
<th scope="col">Price</th>
```

```
<th scope="col">Quantity on Hand</th>
```

```
<th />
```

```
</tr>
```

```
</thead>
```

```
<tbody>{renderProducts()}</tbody>
```

```
</table>
```

```
</div>
```

```
</div>
```

```
);
```

```
}
```

```
}
```

```
export default Inventory;
```

```
import React from "react";
```

```
import { Link } from "react-router-dom";
```

```
// The Header creates links that can be used to navigate
```

```
// between routes.
```

```
const Header = () => (
```

```
<div className="text-center">
```

```
<h1>
```

```
<a href="/#/">Real Time Point POS</a>
```

```
</h1>
```

```
<ul className="nav-menu">
```

```
<li className="lead">
```

```
<Link to="/inventory">Inventory</Link>
```

```
</li>
```

```
<li className="lead">
```

[POS](#)

[Transactions](/transactions)

[LiveCart](/livecart)



```
);
```

```
import React, { Component } from "react";
```

```
import "./App.css";
```

```
import Header from "./Header";
```

```
import Product from "./Product";
```

```
import axios from "axios";
```

```
const HOST = "http://localhost:80";
```

```
class Inventory extends Component {
```

```
  constructor(props) {
```

```
    super(props);
```

```
    this.state = { products: [] };
```

```
}
```

```
componentWillMount() {
```

```
    var url = HOST + `/api/inventory/products`;
```

```
    axios.get(url).then(response => {
```

```
        this.setState({ products: response.data });
```

```
    });
```

```
}
```

```
render() {
```

```
    var { products } = this.state;
```

```
    var renderProducts = () => {
```

```
    if (products.length === 0) {

        return <p>{products}</p>;

    }

    return products.map(product => <Product {...product} />);

};

return (

    <div>

        <Header />

        <div class="container">

            <a
```

```
href="#/inventory/create-product"
```

```
class="btn btn-success pull-right"
```

```
>
```

```
<i class="glyphicon glyphicon-plus" /> Add New Item
```

```
</a>
```

```
<br />
```

```
<br />
```

```
<table class="table">
```

```
<thead>
```

```
<tr>
```

```
<th scope="col">Name</th>
```

```
<th scope="col">Price</th>
```

```
<th scope="col">Quantity on Hand</th>
```

```
<th />
```

```
</tr>
```

```
</thead>
```

```
<tbody>{renderProducts()}</tbody>
```

```
</table>
```

```
</div>
```

```
</div>
```

```
);
```

```
}
```

```
}
```

```
export default Inventory;
```

```
import React, { Component } from "react";
```

```
import "./App.css";
```

```
import Header from "./Header";
```

```
import io from "socket.io-client";
```

```
import axios from "axios";
```

```
import moment from "moment";
```

```
import { Modal, Button } from "react-bootstrap";
```

```
import LivePos from "./LivePos";

const HOST = "http://localhost:80";

let socket = io.connect(HOST);

class Pos extends Component {

  constructor(props) {

    super(props);

    this.state = {

      items: [],

      quantity: 1,

      id: 0,
```

open: true,

close: false,

addItemModal: false,

checkoutModal: false,

amountDueModal: false,

totalPayment: 0,

total: 0,

changeDue: 0,

name: "",

price: 0



```
};
```

```
this.handleSubmit = this.handleSubmit.bind(this);
```

```
this.handleName = this.handleName.bind(this);
```

```
this.handlePrice = this.handlePrice.bind(this);
```

```
this.handlePayment = this.handlePayment.bind(this);
```

```
    this.handleQuantityChange =  
this.handleQuantityChange.bind(this);
```

```
this.handleCheckOut = this.handleCheckOut.bind(this);
```

```
}
```

```
componentDidUpdate() {
```

```
    if (this.state.items.length !== 0) {
```

```
        socket.emit("update-live-cart", this.state.items);

    }

}

handleSubmit = e => {

    e.preventDefault();

    this.setState({ addItemModal: false });

    const currentItem = {

        id: this.state.id++,

        name: this.state.name,

        price: this.state.price,
```

```
    quantity: this.state.quantity
```

```
};
```

```
var items = this.state.items;
```

```
items.push(currentItem);
```

```
this.setState({ items: items });
```

```
};
```

```
handleName = e => {
```

```
    this.setState({ name: e.target.value });
```

```
};
```

```
handlePrice = e => {
```

```
    this.setState({ price: e.target.value });

};

handlePayment = () => {

    this.setState({ checkoutModal: false });

    var amountDiff =

        parseInt(this.state.total, 10) -
        parseInt(this.state.totalPayment, 10);

    if (this.state.total <= this.state.totalPayment) {

        this.setState({ changeDue: amountDiff });

        this.setState({ receiptModal: true });

        this.handleSaveToDB();
    }
}
```

```
    this.setState({ items: [] });

    this.setState({ total: 0 });

  } else {

    this.setState({ changeDue: amountDiff });

    this.setState({ amountDueModal: true });

  }

};

handleQuantityChange = (id, quantity) => {

  var items = this.state.items;

  for (var i = 0; i < items.length; i++) {
```

```
    if (items[i].id === id) {

        items[i].quantity = quantity;

        this.setState({ items: items });

    }

}

};

handleCheckOut = () => {

    this.setState({ checkOutModal: true });

    var items = this.state.items;

    var totalCost = 0;
```

```
for (var i = 0; i < items.length; i++) {

    var price = items[i].price * items[i].quantity;

    totalCost = parseInt(totalCost, 10) +
    parseInt(price, 10);

}

this.setState({ total: totalCost });

};

handleSaveToDB = () => {

    const transaction = {

        date: moment().format("DD-MMM-YYYY HH:mm:ss"),

        total: this.state.total,
```

```
        items: this.state.items

    };

    axios.post(HOST + "/api/new", transaction).catch(err
=> {

        console.log(err);

    });

};

render() {

    var { quantity, modal, items } = this.state;

    var renderAmountDue = () => {

        return (
```



```
<Modal show={this.state.amountDueModal}>
```

```
<Modal.Header closeButton>
```

```
<Modal.Title>Amount</Modal.Title>
```

```
</Modal.Header>
```

```
<Modal.Body>
```

```
<h3>
```

```
Amount Due:
```

```
<span  
class="text-danger">{this.state.changeDue}</span>
```

```
</h3>
```

```
<p>Customer payment incomplete; Correct and  
Try again</p>
```

```
</Modal.Body>
```

```
<Modal.Footer>
```

```
      <Button onClick={() => this.setState({  
amountDueModal: false })}>
```

```
        close
```

```
</Button>
```

```
</Modal.Footer>
```

```
</Modal>
```

```
);
```

```
};
```

```
var renderReceipt = () => {
```

```
return (
```

```
<Modal show={this.state.receiptModal}>
```

```
<Modal.Header closeButton>
```

```
<Modal.Title>Receipt</Modal.Title>
```

```
</Modal.Header>
```

```
<Modal.Body>
```

```
<h3>
```

```
  Total:
```

```
    <span  
class="text-danger">{this.state.totalPayment}</span>
```

```
</h3>
```

<h3>

Change Due:

<span  
class="text-success">{this.state.changeDue}</span>

</h3>

</Modal.Body>

<Modal.Footer>

<Button onClick={() => this.setState({  
receiptModal: false })}>

close

</Button>

</Modal.Footer>

```
</Modal>
```

```
);
```

```
};
```

```
var renderLivePos = () => {
```

```
  if (items.length === 0) {
```

```
    return <p> No products added</p>;
```

```
  } else {
```

```
    return items.map(
```

```
      item => (
```

```
        <LivePos {...item}  
onQuantityChange={this.handleQuantityChange} />
```

),

this

);

}

};

return (

<div>

<Header />

<div class="container">

<div class="text-center">

```
<span class="lead">Total</span>
```

```
<br />
```

```
<span class="text-success  
checkout-total-price">
```

```
  ${this.state.total}
```

```
<span />
```

```
</span>
```

```
<div>
```

```
<button
```

```
  class="btn btn-success lead"
```

```
  id="checkoutButton"
```

```
onClick={this.handleCheckOut}
```

```
>
```

```
      <i class="glyphicon  
      glyphicon-shopping-cart" />
```

```
<br />
```

```
<br />
```

```
C<br />
```

```
h<br />
```

```
e<br />
```

```
c<br />
```

```
k<br />
```



o<br />

u<br />

t

</button>

<div className="modal-body">

<Modal show={this.state.checkOutModal}>

<Modal.Header closeButton>

<Modal.Title>Checkout</Modal.Title>

</Modal.Header>

<Modal.Body>

```
class="lead">      <div ng-hide="transactionComplete"
```

```
<h3>
```

```
    Total:
```

```
      <span class="text-danger">
{this.state.total} </span>
```

```
</h3>
```

```
<form
```

```
  class="form-horizontal"
```

```
  name="checkoutForm"
```

```
  onSubmit={this.handlePayment}
```

```
>
```

```
<div class="form-group">
```

```
<div class="input-group">
```

```
<div  
class="input-group-addon">${</div>
```

```
<input
```

```
type="number"
```

```
id="checkoutPaymentAmount"
```

```
class="form-control  
input-lg"
```

```
name="payment"
```

```
onChange={event =>
```

```
this.setState({
```

```
event.target.value

totalPayment:

}))

}

min="0"

/>

</div>

</div>

<p class="text-danger">Enter
payment amount.</p>

<div class="lead" />

<Button
```

```
lead"

class="btn btn-primary btn-lg

onClick={this.handlePayment}

>

Print Receipt

</Button>

</form>

</div>

</Modal.Body>

<Modal.Footer>

<Button
```

```
onClick={() => this.setState({  
  checkoutModal: false })}
```

```
>
```

```
Close
```

```
</Button>
```

```
</Modal.Footer>
```

```
</Modal>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
{renderAmountDue() }
```

```
{renderReceipt() }
```

```
<table class="pos table table-responsive  
table-striped table-hover">
```

```
<thead>
```

```
<tr>
```

```
<td colspan="6" class="text-center">
```

```
<span class="pull-left">
```

```
<button
```

```
onClick={() => this.setState({  
addItemModal: true })}
```

```
class="btn btn-default btn-sm"
```

```
>
```

```
        <i class="glyphicon glyphicon-plus"
/> Add Item
```

```
</button>
```

```
</span>
```

```
        <Modal show={this.state.addItemModal}
onHide={this.close}>
```

```
        <Modal.Header closeButton>
```

```
            <Modal.Title>Add
item(Product)</Modal.Title>
```

```
</Modal.Header>
```

```
<Modal.Body>
```

```
<form
```

```
    ref="form"
```



```
onSubmit={this.handleSubmit}
```

```
class="form-horizontal"
```

```
>
```

```
<div class="form-group">
```

```
for="name">
    <label class="col-md-2 lead"
```

```
    Name
```

```
</label>
```

```
    <div class="col-md-8"
input-group">
```

```
        <input
```

```
            class="form-control"
```

```
name="name"
```

```
required
```

```
onChange={this.handleName}
```

```
/>
```

```
</div>
```

```
</div>
```

```
<div class="form-group">
```

```
for="price">
```

```
Price
```

```
</label>
```

```
input-group">
    <div class="col-md-8
```

```
    <div
class="input-group-addon">$</div>
```

```
<input
```

```
    type="number"
```

```
    step="any"
```

```
    min="0"
```

```
    onChange={this.handlePrice}
```

```
    class="form-control"
```

```
    name="price"
```

```
    required
```

```
</>
```

```
</div>
```

```
</div>
```

```
<p class="text-danger">Enter price  
for item.</p>
```

```
</form>
```

```
</Modal.Body>
```

```
<Modal.Footer>
```

```
<Button  
onClick={this.handleSubmit}>Add</Button>
```

```
<Button
```

```
onClick={() => this.setState({  
addItemModal: false })}
```

>

Cancel

</Button>

</Modal.Footer>

</Modal>

</td>

</tr>

<tr class="titles">

<th>Name</th>

<th>Price</th>

<th>Quantity</th>

<th>Tax</th>

<th>Total</th>

<th />

</tr>

</thead>

<tbody>{renderLivePos()}</tbody>

</table>

</div>

</div>

```
);
```

```
}
```

```
}
```

```
export default Pos;
```

```
import React, { Component } from "react";
```

```
import './App.css';
```

```
import io from "socket.io-client";
```

```
import Header from './Header';
```

```
import axios from "axios";
```

```
import RecentTransactions from './RecentTransactions';
```

```
import LiveTransactions from './LiveTransactions';
```

```
import moment from "moment";
```

```
const HOST = "http://localhost:80";
```

```
var url = HOST + `/api//day-total/`;
```

```
class LiveCart extends Component {
```

```
  constructor(props) {
```



```
super(props);

this.state = { transactions: [], liveTransactions: []
};

}

componentWillMount() {

    // console.dir(socket);

    axios.get(url).then(response => {

        this.setState({ transactions: response.data });

        console.log("response", response.data);

    });

    var socket = io.connect(HOST);
```

```
socket.on("update-live-cart-display", liveCart => {

    this.setState({ liveTransactions: liveCart });

});

}

componentWillUnmount() {

    // socket.disconnect();

    // alert("Disconnecting Socket as component will
    unmount");

}

render() {

    var { transactions, liveTransactions } = this.state;
```

```
var renderRecentTransactions = () => {

    if (transactions.length === 0) {

        return <p>No recent transactions available</p>;

    } else {

        return transactions.map(transaction => (

            <RecentTransactions {...transaction} />

        ));

    }

};

var renderDate = () => {
```

```
        return moment().format("DD-MMM-YYYY HH:mm:ss");

    };

    var renderLiveTransactions = () => {

        if (liveTransactions.length === 0) {

            return (

                <div>

                    <div class="col-md-5 pull-right">

                        <div>

                            <div class="alert alert-warning
text-center" role="alert">

                                <strong>Not Active:</strong> No items
added at the moment.
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
);
```

```
} else {
```

```
    return liveTransactions.map(liveTransaction => (
```

```
        <LiveTransactions {...liveTransaction} />
```

```
    ));
```

```
}
```

```
};
```

```
return (
```

```
<div>
```

```
<Header />
```

```
<div class="livecart">
```

```
<div class="col-md-5 pull-right">
```

```
<div class="panel panel-primary">
```

```
<div class="panel-heading text-center  
lead">{renderDate()}</div>
```

```
<table class="receipt table table-hover">
```

```
<thead>
```

```
<tr class="small">
```

```
<th> Quantity </th>
```

```
<th> Product </th>
```

```
<th> Price </th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>{renderLiveTransactions()}</tbody>
```

```
</table>
```

```
</div>
```

```
</div>
```

```
<div class="col-md-5 pull-left">
```

```
<div class="panel panel-default">
```

```
<div class="panel-heading lead text-center">
```

```
Recent Transactions
```

```
</div>
```

```
<div class="panel-body">
```

```
<div class="text-center">
```

```
<span>Today's Sales</span>
```

```
<br />
```

```
<span class="text-success  
checkout-total-price">
```



\$<span />

</span>

</div>

<table class="table table-hover  
table-striped">

<thead>

<tr>

<th>Time</th>

<th>Total</th>

</tr>

</thead>

```
<tbody>{renderRecentTransactions()}</tbody>
```

```
</table>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
);
```

```
}
```

```
}
```

```
import React, { Component } from "react";
```

```
import './App.css';
```

```
import Header from './Header';
```

```
import CompleteTransactions from  
"./CompleteTransactions";
```

```
import axios from "axios";
```

```
const HOST = "http://localhost:80";
```

```
const url = HOST + `/api/all`;
```

```
class Transactions extends Component {
```

```
  constructor(props) {
```

```
    super(props);
```

```
    this.state = { transactions: [] };

}

componentWillMount() {

    axios.get(url).then(response => {

        this.setState({ transactions: response.data });

        console.log("response:", response.data);

    });

}

render() {

    var { transactions } = this.state;
```

```
var rendertransactions = () => {

    if (transactions.length === 0) {

        return <p>No Transactions found</p>;

    }

    return transactions.map(transaction => (

        <CompleteTransactions {...transaction} />

    ));

};

return (

    <div>
```

```
<Header />
```

```
<div class="text-center">
```

```
<span class="">Today's Sales</span>
```

```
<br />
```

```
<span class="text-success checkout-total-price">
```

```
$ <span />
```

```
</span>
```

```
</div>
```

```
<br />
```

```
<br />
```

```
<table class="table table-hover table-striped">
```

```
<thead>
```

```
<tr>
```

```
<th>Time</th>
```

```
<th>Total</th>
```

```
<th>Products</th>
```

```
<th>Open</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>{rendertransactions () }</tbody>
```

```
</table>
```

```
</div>
```

```
);
```

```
}
```

```
}
```

```
export default Transactions;
```

On the `componentWillMount` all transactions are retrieved from the database.

The `rendertransactions` function displays all the transactions using the `CompleteTransactions` presentational component. See source code for more on 'CompleteTransactions'.



