

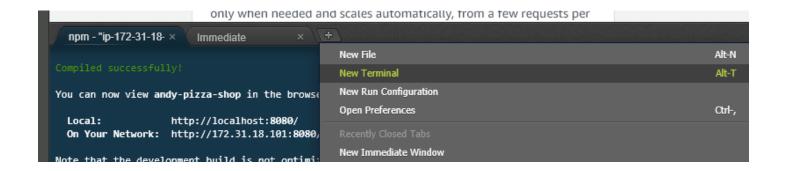
CREATE THE APPLICATION STUB

Create the application stub

In this step, we will create the stub of the application. This will include the previously mentioned components, but without any live data at this point.

We are going to create some new folders and files in the **andy-pizza-shop** directory. You can use the left column's directory tree to edit these files.

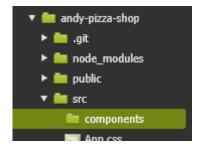
1. First, open a new terminal in Cloud9 by selecting the + sign and selecting New Terminal



2. In the new terminal, run the following commands:

```
# Change to app directory
cd ~/environment/andy-pizza-shop
# Create components folder
mkdir src/components
# Create new component files
touch src/components/menu.jsx
touch src/components/header.jsx
touch src/components/orders.jsx
touch src/components/sideCard.jsx
```

Verify that the new **components** folder is under the **src** folder:



You should now have a directory structure that looks like this:



3. Edit the **src\index.js** file and replace the contents with the following code. Then **save index.js**:

```
import React from "react";
import ReactDOM from "react-dom";
import "./index.css";
import App from "./App";
import * as serviceWorker from "./serviceWorker";
import "bootstrap/dist/css/bootstrap.min.css";

ReactDOM.render(<App />, document.getElementById("root"));

// If you want your app to work offline and load faster, you can change
// unregister() to register() below. Note this comes with some pitfalls.
// Learn more about service workers: https://bit.ly/CRA-PWA
serviceWorker.unregister();
```



The index.js file contains the reference to the root element and any shared components. In this file, we are simply adding a reference to the bootstrap css

Tip

Use the little Copy to Clipboard icon in the upper right corner of the code blocks to make copying the code easy!



4. Edit the **src\App.js** file and replace the contents with the following code. Then **save App.js**.

```
import React, { Fragment } from "react";
import "./App.css";
import { Container, Row, Col } from "reactstrap";
import Header from "./components/header";
import SideCard from "./components/sideCard";
function App() {
  return (
    <Fragment>
      <Header />
      <div className="my-5 py-5">
        <Container className="px-0">
          <Row
            noGutters
            className="pt-2 pt-md-5 w-100 px-4 px-xl-0 position-relative"
            <Col
              xs=\{\{ order: 2 \} \}
              md={{ size: 4, order: 1 }}
              tag="aside"
              className="pb-5 mb-5 pb-md-0 mb-md-0 mx-auto mx-md-0"
              <SideCard />
            </Col>
            <Col
              xs=\{\{ order: 1 \} \}
              md={{ size: 7, offset: 1 }}
              tag="section"
```

Note

The App.js file contains the top-level code for our application. In this file, we are adding the layout of the single page application.

5. Edit **src\components\header.jsx** and replace the contents with the following code. Then **save header.jsx**

```
import React from "react";
import {
 Container,
 Row,
  Col,
 Button,
 Navbar,
 Nav,
 NavbarBrand,
 NavLink,
 NavItem,
 UncontrolledDropdown,
 DropdownToggle,
 DropdownMenu,
 DropdownItem
} from "reactstrap";
const Header = props => {
  const currentUser = props.userName;
  return (
    <header>
      <Navbar
        fixed="top"
        color="light"
        light
        expand="xs"
        className="border-bottom border-gray bg-white"
```

```
style={{ height: 80 }}
        <Container>
          <Row noGutters className="position-relative w-100 align-items-</pre>
center">
            <Col className="d-none d-lg-flex justify-content-start">
              <Nav className="mrx-auto" navbar>
                {currentUser ? (
                   <NavItem className="d-flex align-items-center">
                     <NavLink className="font-weight-bold" href="/">
                       Welcome, {currentUser}!
                     </NavLink>
                  </NavItem>
                 ) : null}
                <NavItem className="d-flex align-items-center">
                   <NavLink className="font-weight-bold" href="/">
                    Home
                  </NavLink>
                </NavItem>
                <NavItem
                   className="d-flex align-items-center"
                   onClick={() => props.onHandleOrder()}
                   <NavLink className="font-weight-bold btn">Menu</NavLink>
                </NavItem>
                <UncontrolledDropdown</pre>
                   className="d-flex align-items-center"
                  nav
                   inNavbar
                  <DropdownToggle className="font-weight-bold" nav caret>
                     Account
                   </DropdownTogale>
                   <DropdownMenu right>
                     <DropdownItem</pre>
                       className="font-weight-bold text-secondary text-
uppercase"
                       header
                       disabled
                       My Account
                     </DropdownItem>
                     <DropdownItem divider />
                     {currentUser ? <DropdownItem>Profile</DropdownItem> :
null}
                     {currentUser ? (
                       <DropdownItem onClick={() =>
props.onHandleHistory()}>
                         Order History
                       </DropdownItem>
                     ) : null}
                     {currentUser ? (
                       <DropdownItem</pre>
                         onClick={() =>
```

```
props.onHandleLogout ? props.onHandleLogout() :
null
                        Logout
                      </DropdownItem>
                    ) : (
                      <DropdownItem onClick={() => props.onHandleLogin()}>
                        Login
                      </DropdownItem>
                    ) }
                  </DropdownMenu>
                </UncontrolledDropdown>
              </Nav>
            </Col>
            <Col className="d-flex justify-content-xs-start justify-
content-lg-center">
              < NavbarBrand
                className="d-inline-block p-0"
                href="/"
                style={{ width: 80 }}
                <imq
                  src="https://jah-lex-workshop-
2018.s3.amazonaws.com/mob302/images/0001.png"
                  alt="logo"
                  className="position-relative img-fluid"
              </NavbarBrand>
            </Col>
            <Col className="d-none d-lg-flex justify-content-end">
              <Button
                className="info"
                onClick={() =>
                  props.onHandleReview ? props.onHandleReview() : null
                Tell us how we're doing
              </Button>
            </Col>
          </Row>
        </Container>
      </Navbar>
    </header>
 );
};
export default Header;
```

Note

The header.jsx file contains the top navigation header links.

6. Edit the **src\components\sideCard.jsx** file and replace the contents with the following code. Then **save sideCard.js**:

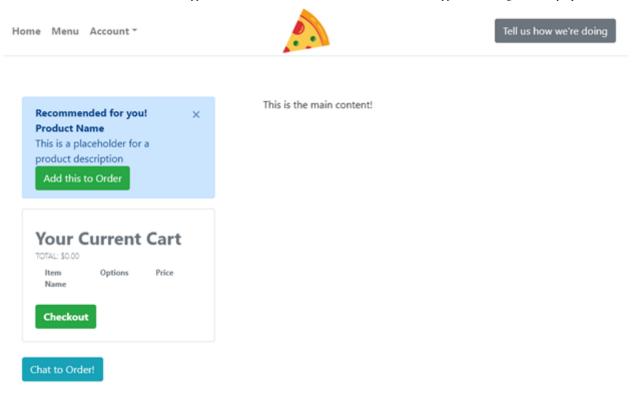
```
import React, { Component, Fragment } from "react";
import {
 Button,
 UncontrolledAlert,
 Card,
  CardBody,
 CardTitle,
 CardSubtitle,
  Container,
 Row,
 Col
} from "reactstrap";
class SideCard extends Component {
  state = {};
  render() {
    return (
      <Fragment>
        <UncontrolledAlert color="primary" className="d-none d-lg-block">
          <strong>Recommended for you!</strong>
          <br />
          <Fragment>
            <b>Product Name</b>
            <br>></br>
            This is a placeholder for a product description
            <br>></br>
            <Button color="success">Add this to Order</Button>
          </Fragment>
        </UncontrolledAlert>
        <Card>
          <CardBody>
            <CardTitle className="h3 mb-2 pt-2 font-weight-bold text-
secondary">
              Your Current Cart
            </CardTitle>
            <CardSubtitle
              className="text-secondary mb-2 font-weight-light text-
uppercase"
              style={{ fontSize: "0.8rem" }}
              Total: $0.00
            </CardSubtitle>
              className="text-secondary mb-4"
              style={{ fontSize: "0.75rem" }}
              <Container>
                <Row className="font-weight-bold">
                  <Col>Item Name</Col>
```

```
<Col>Options</Col>
                  <Col>Price</Col>
                </Row>
              </Container>
            </div>
            <Button color="success" className="font-weight-bold">
              Checkout
            </Button>
          </CardBody>
        </Card>
        <br />
        <Button color="info">Chat to Order!</Button>
      </Fragment>
    );
 }
}
export default SideCard;
```

Note

The sideCard.jsx file displays the shopping cart items.

7. Now, we are finished with adding code for the application stub. Return to the preview window for your application and you should see the skeleton of Andy's Pizza and Sub web app.



You can now continue adding functionality in the next step.

