

mPharma Product Management App

Displays a list of pharmaceutical products and their historical prices. Users can:

- Add new products;
- Delete product; or
- Edit product details, including prices.

Packages / Libraries Used

The project was built with `ReactJS` using the `NextJS` framework, `Redux` for state management, and `styled-components` for styling. Below is a detailed breakdown of packages/libraries used:

Dependencies:

Package	Version
react	<code>^17.0.2</code>
react-dom	<code>^17.0.2</code>
next	<code>^10.2.0</code>
redux	<code>^4.1.0</code>
react-redux	<code>^7.2.4</code>
styled-components	<code>^5.2.3</code>
moment	<code>^2.29.1</code>
react-spinners	<code>^0.10.6</code>

Dev Dependencies:

Package	Version
redux-devtools-extension	<code>^2.13.9</code>

Refer to `package.json` file for specific versions of above packages

Setup / Installation

Start Development Server

1. Clone the repo by running this command:
`git clone https://github.com/PieroCobs/mpharma-product-manager.git`
2. Run `npm install` in your terminal to install dependencies
(You'd have to have NodeJS installed on your machine to use npm. Head to <https://nodejs.org/en/> if not already installed)
3. Run `npm run dev` to start development server
4. Open browser and navigate to `localhost:3000`

The code for the development server is located at `/server.js` . The server runs on a port number defined as `CUSTOM_PORT` inside `/.env` — in this case, **3000**. This can change when being run in production.

Create a static build

To create a static build to be uploaded to a shared hosting server:

1. Run `npm export` , which runs `next build` and `next export` .
2. Find the output of the previous command in `/out/` . This static build can be uploaded to the server.