

# 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 |
|-----------------------------------|---------|
| <a href="#">react</a>             | ^17.0.2 |
| <a href="#">react-dom</a>         | ^17.0.2 |
| <a href="#">next</a>              | ^10.2.0 |
| <a href="#">redux</a>             | ^4.1.0  |
| <a href="#">react-redux</a>       | ^7.2.4  |
| <a href="#">styled-components</a> | ^5.2.3  |
| <a href="#">moment</a>            | ^2.29.1 |
| <a href="#">react-spinners</a>    | ^0.10.6 |

### Dev Dependencies:

| Package                                  | Version |
|--|---------|
| <a href="#">redux-devtools-extension</a> | ^2.13.9 |

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 run 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.