Stock Exchange Simulator Documentation

# Spring Initializr

## Set up:

## <https://start.spring.io/>

A screenshot of a computer

Description automatically generated with medium confidence

# Spring Boot

## Application. Properties

spring.datasource.url=jdbc:postgresql://localhost:5432/users  
spring.datasource.username=postgres  
spring.datasource.password=Root38!  
spring.jpa.hibernate.ddl-auto=create-drop  
spring.jpa.show-sql=true  
spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.PostgreSQLDialect  
spring.jpa.properties.hibernate.format\_sql=true

# PostgreSQL

CREATE DATABASE users;

CREATE TABLE person (

userID BIGSERIAL NOT NULL PRIMARY KEY,

firstName VARCHAR(100) NOT NULL,

lastName VARCHAR(100) NOT NULL,

email VARCHAR(254) NOT NULL,

dateJoined date NOT NULL

);

# React

## Set up:

The entire React app is under the folder Stock/src/main/ui using command:

npx create-react-app ui

npm install axios

npm i @chakra-ui/react @emotion/react@^11 @emotion/styled@^11 framer-motion@^4

npm install react-router-dom

npm install @chakra-ui/react

npm install @chakra-ui/gatsby-plugin

npm install react-bootstrap@next bootstrap@5.0.2