Sure! Here's a sample `README.md` file that provides an introduction to your Inventory System project. This file includes an overview, installation instructions, usage, and other relevant details. You can customize it as needed.

```markdown

# InventorySystem

## Introduction

The Inventory System is a simple Java application designed to manage an inventory of products. It allows users to add, remove, and list products in an inventory. The inventory data is saved to and loaded from a CSV file, making it easy to persist and retrieve product information.

## Features

- Add a new product to the inventory

- Remove an existing product from the inventory

- List all products in the inventory in a table format

- Save inventory data to a CSV file

- Load inventory data from a CSV file

## Project Structure

```

InventorySystem

├── src

│ └── main

│ ├── java

│ │ └── com

│ │ └── inventorysystem

│ │ ├── Main.java

│ │ ├── Inventory.java

│ │ └── Product.java

│ └── resources

└── pom.xml

```

## Installation

1. \*\*Clone the repository:\*\*

```bash

git clone https://github.com/YOUR\_GITHUB\_USERNAME/InventorySystem.git

cd InventorySystem

```

2. \*\*Build the project using Maven:\*\*

```bash

mvn clean package

```

## Usage

### Running the Application

1. \*\*Navigate to the project directory:\*\*

```bash

cd path/to/your/InventorySystem

```

2. \*\*Run the application:\*\*

```bash

java -jar target/InventorySystem-1.0-SNAPSHOT.jar

```

### Batch File (Windows)

You can create a batch file to run the application from the command prompt:

1. \*\*Create a `run.bat` file in the project directory with the following content:\*\*

```batch

@echo off

java -jar target/InventorySystem-1.0-SNAPSHOT.jar

pause

```

2. \*\*Double-click `run.bat` to run the application.\*\*

### Shell Script (Unix-like systems)

You can create a shell script to run the application from the terminal:

1. \*\*Create a `run.sh` file in the project directory with the following content:\*\*

```bash

#!/bin/bash

java -jar target/InventorySystem-1.0-SNAPSHOT.jar

read -p "Press Enter to continue..."

```

2. \*\*Make the script executable:\*\*

```bash

chmod +x run.sh

```

3. \*\*Run the script:\*\*

```bash

./run.sh

```

## Contributing

If you would like to contribute to this project, please fork the repository and submit a pull request. We welcome all contributions!

## License

This project is licensed under the MIT License. See the [LICENSE](LICENSE) file for more details.

## Contact

If you have any questions or suggestions, feel free to open an issue or contact me directly.

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Thank you for using the Inventory System! We hope it helps you manage your products efficiently.

```

Replace `YOUR\_GITHUB\_USERNAME` with your actual GitHub username in the clone URL. You can place this `README.md` file in the root directory of your project. When you push your project to GitHub, this file will be displayed on the main page of your repository, providing a clear introduction and usage instructions for anyone who visits the page.