**How to use Xun-Wu**

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# Introduction:

1. Back-end project of xunwu online shopping mall system, based on Springboot + JPA, including user information, commodity release, commodity display, shopping cart and other modules.

2. Front-end project of xunwu online shopping mall system, based on HTML + jQuery, including user information, commodity release, commodity display, shopping cart and other modules.

# **Development Environment**

|  |  |  |
| --- | --- | --- |
|  | Version | download |
| JDK | 11 | <https://www.oracle.com/java/technologies/downloads/#java11> |
| Mysq | 8.0 | <https://dev.mysql.com/downloads/installer/> |
| Nginx | 1.20.2 | <http://nginx.org/en/download.html> |

## Directory

>─ src

>>─ main

>>>─ java\com\cpt202\xunwu

>>>>─ bean &emsp;&emsp;//DTO <br>

>>>>─ controller &emsp;&emsp;//controller layer <br>

>>>>─ model &emsp;&emsp;//Entity <br>

>>>>─ property &emsp;&emsp;//properties configuration <br>

>>>>─ repository &emsp;&emsp;//data access interface <br>

>>>>─ service &emsp;&emsp;//service layer <br>

# **Deployment**

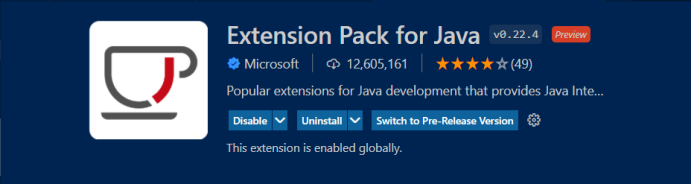
## Local Deployment(Back-end)

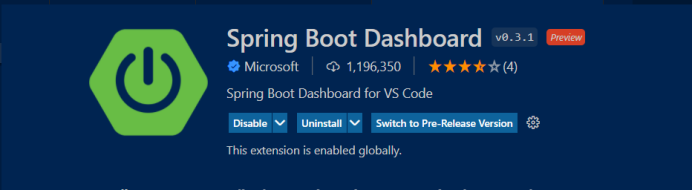
### Visual Studio Code

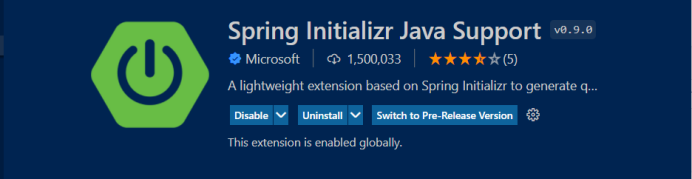
Install: https://code.visualstudio.com/Download

Add the following plug >

Extension Pack for Java

Spring Boot Dashboard

Spring Initializr Java Support



Clone the project and Open

### MySQL

Install MySQL8.0: https://dev.mysql.com/downloads/installer/

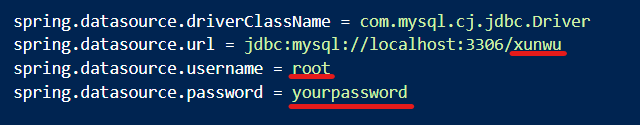
Set account and password

CREATE SCHEMA 'xunwu'

Open `xun-wu/src/main/resources/application.properties` <br>

Modify `url` to `jdbc:mysql://localhost:3306/xunwu` <br>

Modify `username` and `password` to the username and password of your local database account



spring.datasource.url = jdbc:mysql://localhost:3306/xunwu

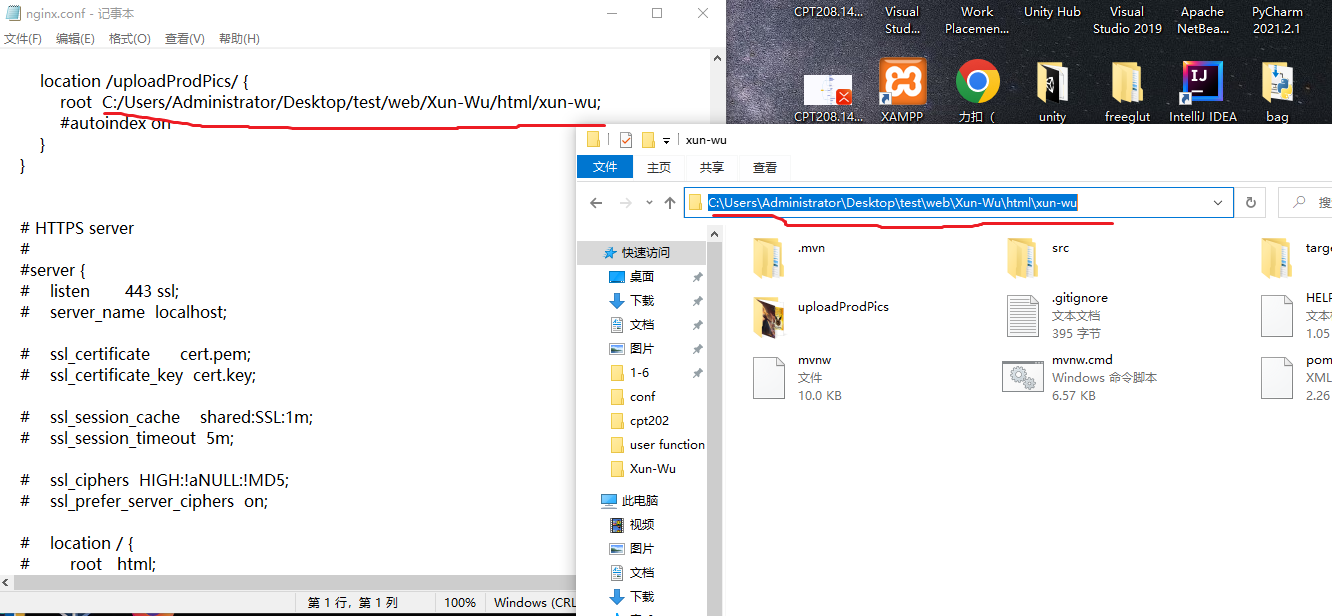
spring.datasource.username = root

spring.datasource.password = yourpassword

## Local Deployment(front-end)

### **Nginx**

1. Install Nginx1.20.2：<http://nginx.org/en/download.html>
2. Clone the project to the nginx-1.20.2/html folder
3. Find nginx.conf from nginx-1.20.2\conf, then replace it with the same file name on Github
4. Note: Please modify this line to the root path of your back-end project(The path should be the folder of “uploadProdPics”)



# **Initiate**

Run the `main` fuction in `com.cpt202.xunwu.XunWuApplication`

start nginx

Access: <http://localhost:7000/xun-wu-front/html/index2试验.html>