

OLAMIDE AKINOSO 619563

SWE FINAL EXAM

New Project

Java

Kotlin

Groovy

Empty Project

Generators

Maven Archetype

Jakarta EE

Spring Boot

JavaFX

Quarkus

Micronaut

Ktor

Compose Multiplatform

HTML

React

Express

Angular CLI

Vue.js

Vite

Nuxt

More via plugins...

Server URL: start.spring.io

Name:

Location:
Project will be created in: C:\Projects\MIU\SWE\Projects\srmwebapi\Reta

☐ Create Git repository

Language:

Java

Kotlin

Groovy

Type:

Gradle - Groovy

Gradle - Kotlin

Maven

Group:

Artifact:

Package name:

JDK:

ms-21 Microsoft OpenJDK 21.0.7

Java:

21

Packaging:

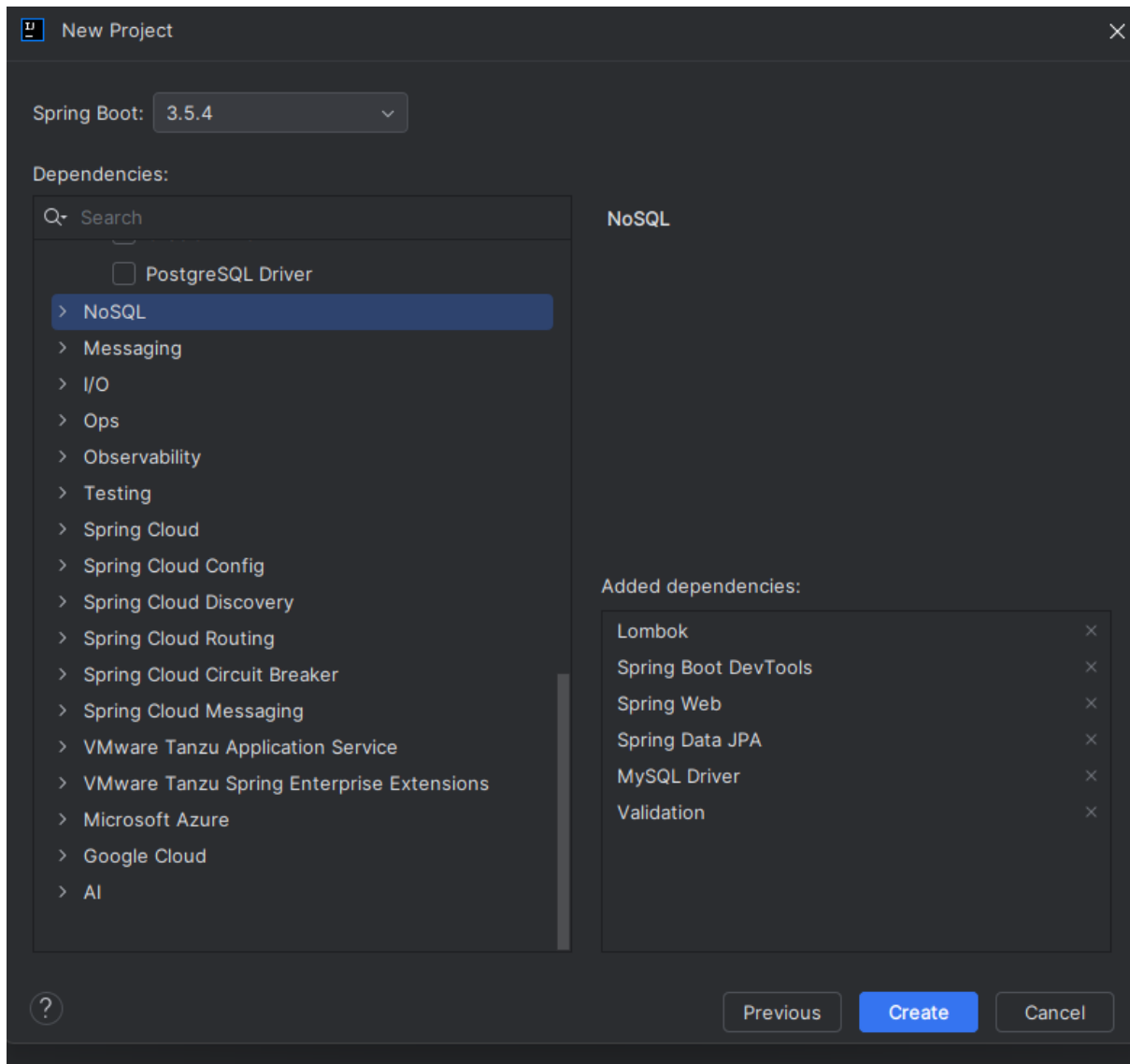
Jar

War

?

Next

Cancel



GIT Initilaization and pushing to remote repository:

```

olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git init
Initialized empty Git repository in C:/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem/.git/
olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git status
On branch master

no commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitattributes
        .gitignore
        .mvn/
        mvnw
        mvnw.cmd
        pom.xml
        src/

nothing added to commit but untracked files present (use "git add" to track)
olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git add .
warning: in the working copy of '.gitattributes', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.mvn/wrapper/maven-wrapper.properties', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'mvnw.cmd', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'pom.xml', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/main/java/org/olamide/retailstoremgmtsystem/RetailStoreMgmtSystemApplication.java', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/main/resources/application.properties', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/test/java/org/olamide/retailstoremgmtsystem/RetailStoreMgmtSystemApplicationTests.java', LF will be replaced by CRLF the next time Git touches it
olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git status
On branch master

no commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   .gitattributes
        new file:   .gitignore
        new file:   .mvn/wrapper/maven-wrapper.properties
        new file:   mvnw
        new file:   mvnw.cmd
        new file:   pom.xml
        new file:   src/main/java/org/olamide/retailstoremgmtsystem/RetailStoreMgmtSystemApplication.java
        new file:   src/main/resources/application.properties
        new file:   src/test/java/org/olamide/retailstoremgmtsystem/RetailStoreMgmtSystemApplicationTests.java

olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git commit -m "Initial Project Setup"
[master (root-commit) 8936e94] Initial Project Setup
 9 files changed, 593 insertions(+)
 create mode 100644 .gitattributes
 create mode 100644 .gitignore
 create mode 100644 .mvn/wrapper/maven-wrapper.properties
 create mode 100644 mvnw
 create mode 100644 mvnw.cmd
 create mode 100644 pom.xml
 create mode 100644 src/main/java/org/olamide/retailstoremgmtsystem/RetailStoreMgmtSystemApplication.java
 create mode 100644 src/main/resources/application.properties
 create mode 100644 src/test/java/org/olamide/retailstoremgmtsystem/RetailStoreMgmtSystemApplicationTests.java
olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git remote add origin https://github.com/a-olamide/retail_store_mgmt_system.git
olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git push -u origin main
error: src refspec main does not match any
olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git push https://github.com/a-olamide/retail_store_mgmt_system.git
olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git branch -m main
olamide@a-lamide:~/Projects/MIU/SWE/Projects/RetailStoreMgmtSystem$ git push -u origin main
Enumerating objects: 25, done.

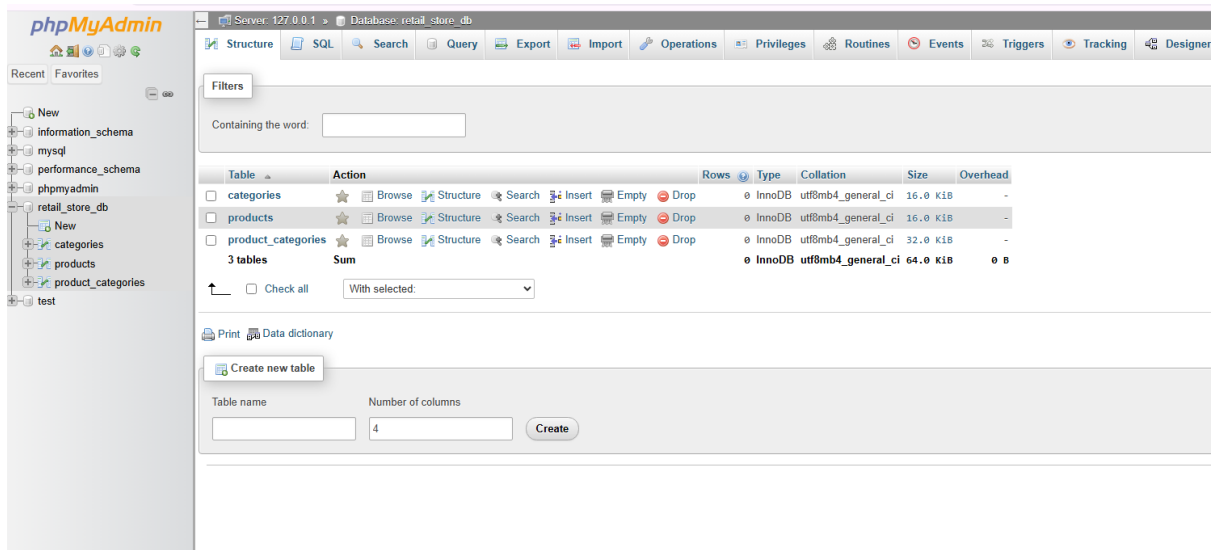
```

Created Database and grant user access

The screenshot shows the phpMyAdmin interface for a MySQL database. The 'Edit privileges' window is open for the user account 'swe-db-user'@'%'. The 'Database-specific privileges' section is checked, and the 'Check all' option is selected. The 'Data' and 'Structure' tabs are active, showing a list of privileges that are all checked. The 'Administration' tab is also visible but not selected.

Category	Privileges
Data	SELECT, INSERT, UPDATE, DELETE
Structure	CREATE, ALTER, INDEX, DROP, CREATE TEMPORARY TABLES, SHOW VIEW, CREATE ROUTINE, ALTER ROUTINE, EXECUTE, CREATE VIEW, EVENT, TRIGGER
Administration	GRANT, LOCK TABLES, REFERENCES

Database tables created after creation of models by JPA



List of Products



Add a new product with catehoryId

API Network

Search Postman Ctrl K

Invite Upgrade

Import

http://localhost:8080/zrsmis/api/v1/products

POST http://localhost:8080/zrsmis/api/v1/products

Params Authorization Headers (9) Body Scripts Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "sku": "B149",
3   "productName": "Core Java Volume 1",
4   "dateAcquired": "2025-08-11",
5   "unitPrice": 49.99,
6   "quantityInStock": 15,
7   "categoryId": 2
8 }
```

Body Cookies Headers (5) Test Results

200 OK 900 ms 415

JSON Preview Visualize

```
1 {
2   "httpStatus": 201,
3   "httpStatusText": "CREATED",
4   "data": {
5     "productId": 3,
6     "sku": "B149",
7     "productName": "Core Java Volume 1",
8     "dateAcquired": "2025-08-11",
9     "unitPrice": 49.99,
10    "quantityInStock": 15,
11    "totalValue": 749.85
12  },
13   "timestamp": "2025-08-13T12:37:49.5774796-05:00"
14 }
```

Postbot Runner Start Proxy Cookies Vault Trash

Exam Password

