Retailer Maintenance System Application Development

ELF / HTD Training Programs

Java Full Stack – Use Cases

TESTYANTRA Software Solutions

App Development Assessment Overview

As part of this assessment you need to develop a spring boot application i.e. the application has to take input as JSON and give the output as JSON. As part of this assessment you need to use

- MySQL DB to store the Data
- Hibernate with JPA to interact with DB
- Spring boot to create ReST API

App Development – Assessment Description

1. Create a database name "retailer_db"
2. Create tables in as following

UserInfo

id	int (primary key) (auto generate)
name	varchar(255)
email	varchar(255) (unique)
password	varchar(255)

ProductInfo

id	int (primary key) (auto generate)
user_id	int (foreign key)
name	varchar(255) (unique)
quentity	int
details	varchar(255)

OrderInfo

id	int (primary key) (auto generate)
product_id	int (foreign key)
user_id	Int (foreign key)

Develop an application to store Product, User and Order information using following services

(i)   Create Profile

(ii)   Login to the Web App

(iii)   Search for products by products ID

(iv)   Update Password

(v)   Calculate total amount payable by the retailer.

(vi)   Retrieve the Orders of the Retailer on basis of their ID