

PRJ301- Progress Test 1

Duration : 75 minutes

Students create tables and insert data like the table below to do the test.

UserID	UserName	Password	Role
10	sa	123456	admin
11	admin	abc@123	admin
12	sa1	123	admin
13	An Binh	111	user
14	An	222	user
15	Binh An	333	user

id	name	price	description	stock	import_date
1	Laptop Dell XPS 13	1500.00	Máy tính xách ta...	10	2025-02-10 19:...
2	Laptop MacBook Pro 14	2200.00	Máy tính xách ta...	15	2025-02-10 19:...
3	Smartphone iPhone 14	999.99	Điện thoại Apple...	20	2025-03-10 19:...
4	Smartphone Samsung Gal...	899.99	Điện thoại Sams...	25	2025-05-10 19:...
5	Tai nghe Sony WH-1000XM5	349.99	Tai nghe chống ...	30	2025-01-10 19:...
6	Tai nghe AirPods Pro 2	249.99	Tai nghe không ...	18	2025-01-10 19:...
7	Màn hình LG UltraFine 5K	1299.99	Màn hình 5K dàn...	8	2025-02-10 19:...

1. Create MVC web application in NetBean:

Define Java class link data to Table in DB, add following function:


+ method getAllProduct() return all product in the table.

+ method searchProduct() return products by price

- a. Create a login page using JSP, write the necessary functions, classes and servlets to handle the login functionality. When user login with account has role is "user" display userInf.jsp

Example: Login with username is "An" and pass is "222"

Display information of user as below screen:

 localhost:8015/DemoDB2/login1

Welcome An

UserID	UserName	Password	Role
14	An	*****	us

- b. When user login with account has role is "admin" display listProduct.jsp and admin can Search product by price.

2. **Technical requirements:**

- + Run the web and take snapshot into word document – readme.doc. Submit file SQL script zipped together with readme.doc and web application folder.

**Notice: Student must strictly follow all requirements as describe above for marking,
Any modification the requirement detail is not allowed and will get no mark!**