SUNBEAM INSTITUTE OF INFORMATION TECHNOLOGY
KARAD
OOP with Java
Module End Lab Exam

Course Name:	PG – DAC	**Batch :**	March 2024
Module Name:	OOP with Java	**Date:**	20/04/2024
Max. Marks:	40	**Duration :**	2:00 Hours

Instructions :

1. Create **new workspace (folder)** by the name **OOP_12 digit PRN** in your home directory.
2. Create **new Project** with name **OOP_12 digit PRN**.
3. After evaluation, first compress/zip your folder (named OOP_12 digit PRN) and upload it on EMIS.

Evaluation of Lab Exam is based on the following criteria :				
Self-declaration for Paper Code – A				
Sr. No.	**Points to cover**	**Tick Mark by student**	**Max Marks**	**Marks by Evaluator**
1.	Seller, Product, DBUtil, ProductDao, SellerDao	☐	10	
2.	Menu-Driven Program	☐	4	
3.	Add a new seller (with appropriate SellerDao Method)	☐	5	
4.	Seller Login using email and password (with appropriate SellerDao Method)	☐	5	
5.	Add a new product. (Only add product if seller is logged in and if seller not found display proper message) (with appropriate ProductDao Method)	☐	10	
6.	Search product by category (Take input for category from user) (with appropriate ProductDao Method)	☐	6	
		Total :	**40**	_____

_____
Signature of Student

_____
Signature of Evaluator

Question:

1. Create an application of E-Commerce.

This application should have a following class.
Seller [id (int), name (String), email (String), password (String), address (String)**]**
Product [id (int), name (String), category (Category), price (double), in_stock (boolean)**]**

1. Add a new seller
2. Seller Login using email and password
3. Add a new product (Only add product if seller is logged in and if seller not found display proper message)
4. Search product by category (Take input for category from user)

Note:
1. Use of DAO classes is expected. DAO class should not accept or display any records directly.
2. All input/output operations should be done in Main class or Service class.