**DAY – 10**

**Model classes**

**UserModel.java:**

package com.example.demo.Model;

import jakarta.persistence.Entity;

import jakarta.persistence.GeneratedValue;

import jakarta.persistence.GenerationType;

import jakarta.persistence.Id;

import jakarta.persistence.Table;

@Entity

@Table(name = "users")

public class UserModel {

@Id

// ID Auto generated

@GeneratedValue(strategy = GenerationType.AUTO)

private Long uid;

private String name;

private String username;

private int age;

private String gender;

private String password;

private String email;

private String state;

private String country;

// Getters and Setters for fields

public Long getUid() {

return uid;

}

public void setUid(Long uid) {

this.uid = uid;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getUsername() {

return username;

}

public void setUsername(String username) {

this.username = username;

}

public int getAge() {

return age;

}

public void setAge(int age) {

this.age = age;

}

public String getGender() {

return gender;

}

public void setGender(String gender) {

this.gender = gender;

}

public String getPassword() {

return password;

}

public void setPassword(String password) {

this.password = password;

}

public String getEmail() {

return email;

}

public void setEmail(String email) {

this.email = email;

}

public String getState() {

return state;

}

public void setState(String state) {

this.state = state;

}

public String getCountry() {

return country;

}

public void setCountry(String country) {

this.country = country;

}

}

**ProductModel.java:**

package com.example.demo.Model;

import jakarta.persistence.Entity;

import jakarta.persistence.GeneratedValue;

import jakarta.persistence.GenerationType;

import jakarta.persistence.Id;

import jakarta.persistence.Table;

@Entity

@Table(name="data")

public class ProductModel {

@Id

// ID Auto generated

@GeneratedValue(strategy = GenerationType.AUTO)

private Long ProductId;

private String ProductName;

private int ProductStock;

private int QuantityUsed;

private float ProductPrice;

private String Availability;

private String ProductImg;

// Getters and Setters for fields

public Long getProductId() {

return ProductId;

}

public void setProductId(Long ProductId) {

this.ProductId = ProductId;

}

public String getProductName() {

return ProductName;

}

public void setProductName(String ProductName) {

this.ProductName = ProductName;

}

public int getProductStock() {

return ProductStock;

}

public void setProductStock(int ProductStock) {

this.ProductStock = ProductStock;

}

public int getQuantityUsed() {

return QuantityUsed;

}

public void setQuantityUsed(int QuantityUsed) {

this.QuantityUsed = QuantityUsed;

}

public float getProductPrice() {

return ProductPrice;

}

public void setProductPrice(float ProductPrice) {

this.ProductPrice = ProductPrice;

}

public String getAvailability() {

return Availability;

}

public void setAvailability (String Availability) {

this. Availability = Availability;

}

public String getProductImg() {

return ProductImg;

}

public void setProductImg (String ProductImg) {

this. ProductImg = ProductImg;

}

}