import java.time.Instant;

public class Product {

private Long id;

private String code;

private String name;

private String description;

private String image;

private String category;

private double price;

private int quantity;

private String internalReference;

private Long shellId;

private InventoryStatus inventoryStatus;

private double rating;

private Instant createdAt;

private Instant updatedAt;

public enum InventoryStatus {

INSTOCK,

LOWSTOCK,

OUTOFSTOCK

}

// Constructors, getters, and setters

public Product(Long id, String code, String name, String description, String image,

String category, double price, int quantity, String internalReference,

Long shellId, InventoryStatus inventoryStatus, double rating,

Instant createdAt, Instant updatedAt) {

this.id = id;

this.code = code;

this.name = name;

this.description = description;

this.image = image;

this.category = category;

this.price = price;

this.quantity = quantity;

this.internalReference = internalReference;

this.shellId = shellId;

this.inventoryStatus = inventoryStatus;

this.rating = rating;

this.createdAt = createdAt;

this.updatedAt = updatedAt;

}

// Getters and Setters

public Long getId() {

return id;

}

public void setId(Long id) {

this.id = id;

}

public String getCode() {

return code;

}

public void setCode(String code) {

this.code = code;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getDescription() {

return description;

}

public void setDescription(String description) {

this.description = description;

}

public String getImage() {

return image;

}

public void setImage(String image) {

this.image = image;

}

public String getCategory() {

return category;

}

public void setCategory(String category) {

this.category = category;

}

public double getPrice() {

return price;

}

public void setPrice(double price) {

this.price = price;

}

public int getQuantity() {

return quantity;

}

public void setQuantity(int quantity) {

this.quantity = quantity;

}

public String getInternalReference() {

return internalReference;

}

public void setInternalReference(String internalReference) {

this.internalReference = internalReference;

}

public Long getShellId() {

return shellId;

}

public void setShellId(Long shellId) {

this.shellId = shellId;

}

public InventoryStatus getInventoryStatus() {

return inventoryStatus;

}

public void setInventoryStatus(InventoryStatus inventoryStatus) {

this.inventoryStatus = inventoryStatus;

}

public double getRating() {

return rating;

}

public void setRating(double rating) {

this.rating = rating;

}

public Instant getCreatedAt() {

return createdAt;

}

public void setCreatedAt(Instant createdAt) {

this.createdAt = createdAt;

}

public Instant getUpdatedAt() {

return updatedAt;

}

public void setUpdatedAt(Instant updatedAt) {

this.updatedAt = updatedAt;

}

}