

Software Engineering - 2CS504

Practical 6

Topic - E -Commerce Management System

CRC Index Cards and Class Diagram

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CRC Index card for User

Class Name: User	
Class Type: Role	
Class Characteristics: Non Tangible, atomic, sequential, permanent, guarded	
Responsibilities	Collaborators
Add Account	Buyer
	Seller
Update Account	Buyer
	Seller
	Admin
Update User Details	Buyer
	Seller
	Admin
Delete User	Admin

CRC Index card for Buyer

Class Name: Buyer	
Class Type: Role	
Class Characteristics: Non Tangible, atomic, sequential, permanent, guarded	
Responsibilities	Collaborators
Add Order	Order
Track Order	Order
Order History	Order
Schedule Order	Delivery
Compare Product	Product
Product Rating	Product
Log Complaint	ComplaintForum

CRC Index card for Seller

Class Name: Seller	
Class Type: Role	
Class Characteristics: Non Tangible, atomic, sequential, permanent, guarded	
Responsibilities	Collaborators
Add Product	Product
Update Product	Product
Delete Product	Product
	Admin
Manage Order	Order

CRC Index card for Admin

Class Name: Admin	
Class Type: Role	
Class Characteristics: Non Tangible, atomic, sequential, permanent, guarded	
Responsibilities	Collaborators
Manage Recommendation	Design Forum
Manage Complaints	Complaint Forum
Manage User	Admin
Order statistics	Software Forum

CRC Index card for Order

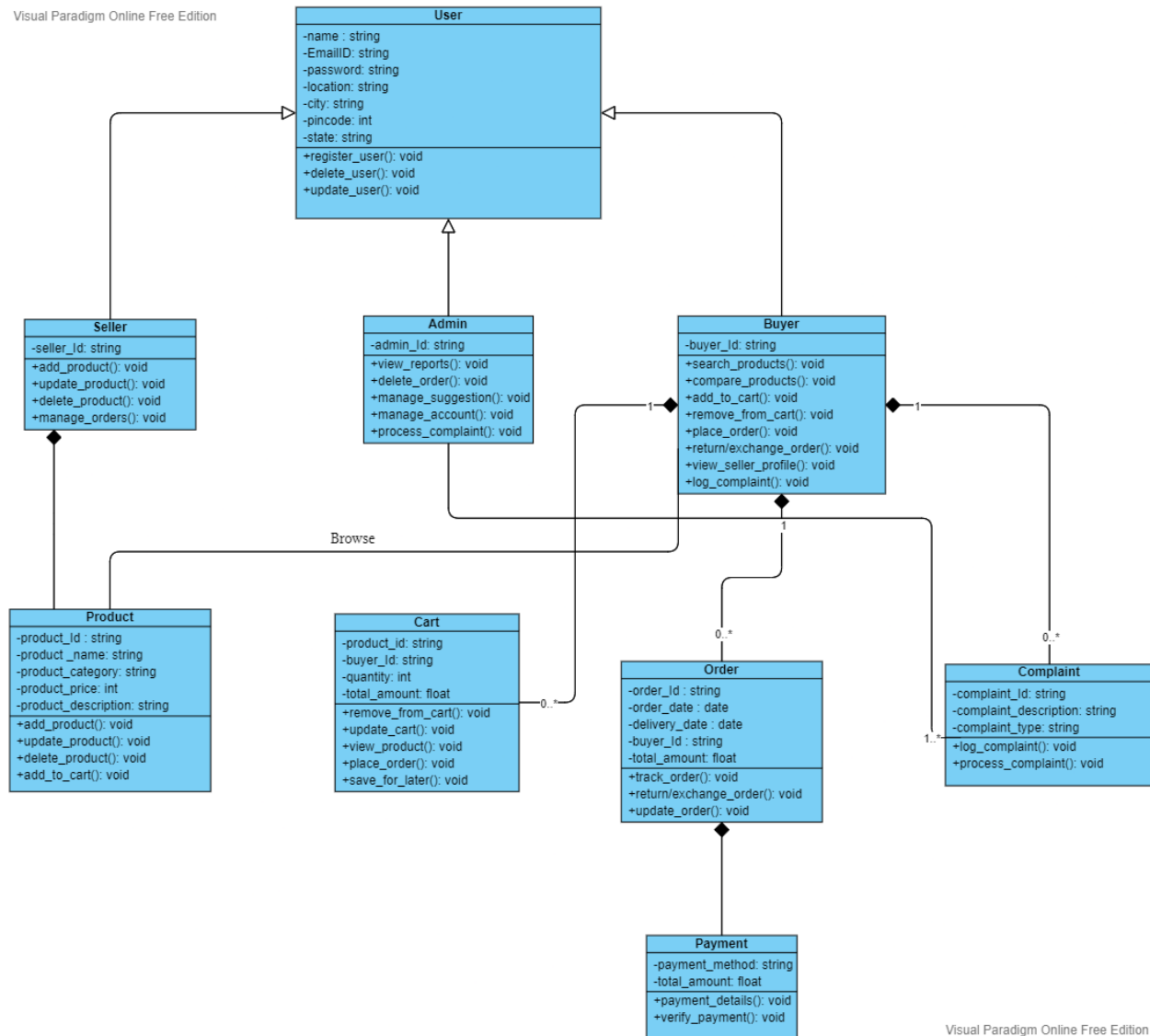
Class Name: Order	
Class Type: Property Class	
Class Characteristics: Non Tangible, atomic, sequential, permanent, guarded	
Responsibilities	Collaborators
Add Order	Buyer
Track Order	Buyer
	Admin
Order History	Buyer
	Admin
Return/Exchange	Buyer

CRC Index card for Product

Class Name: Product	
Class Type: Property Class	
Class Characteristics: Non Tangible, atomic, sequential, permanent, guarded	
Responsibilities	Collaborators
Add Product	Seller
Update Product	Seller
	Admin
Delete Product	Seller
	Admin
Product Rating	Buyer
Compare Product	Buyer

CLASS DIAGRAM

Visual Paradigm Online Free Edition



Visual Paradigm Online Free Edition