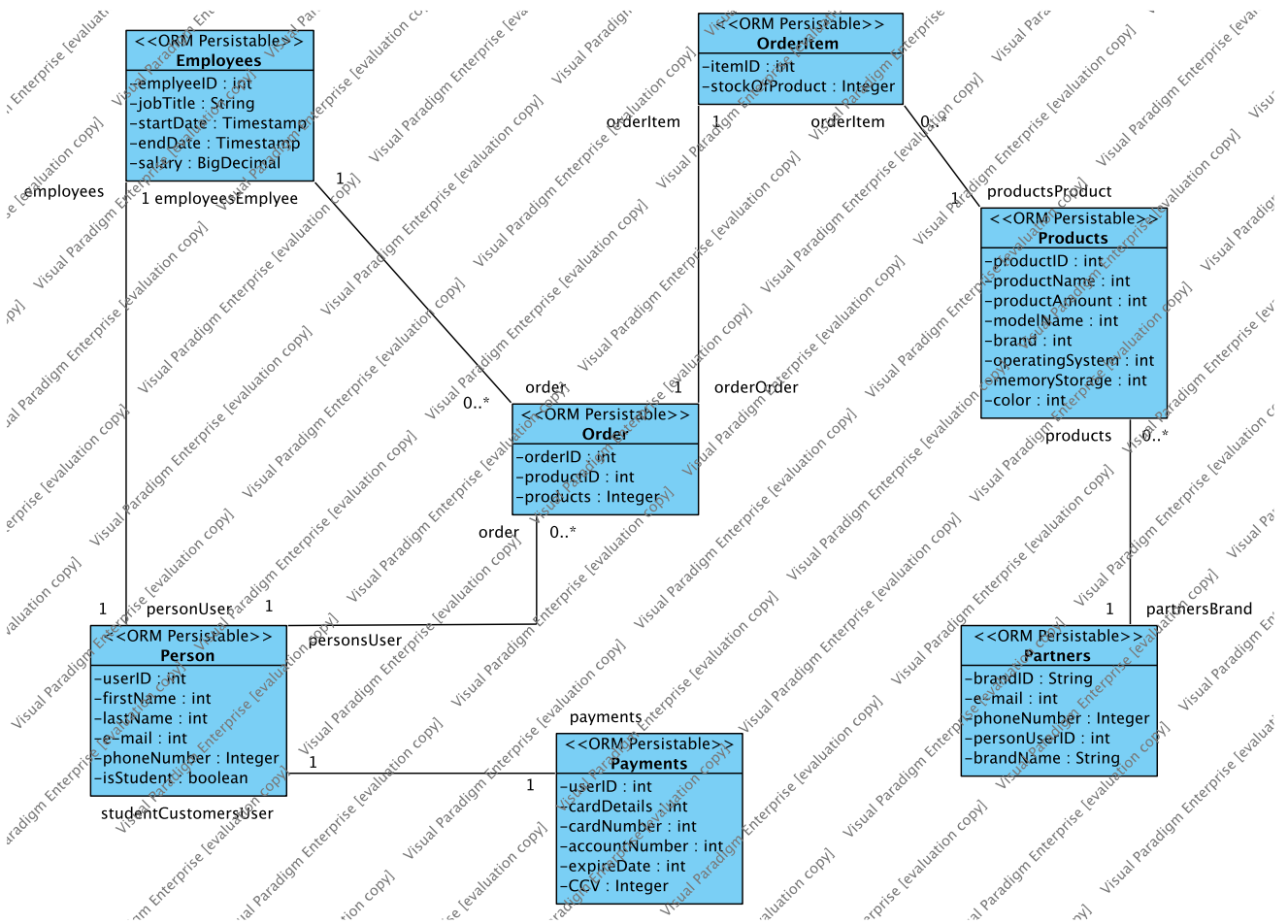




1. Entity Relationship Diagram1 - Class Diagram



1.1. Employees

1.2. Order

1.3. OrderItem

1.4. Partners

1.5. Payments

1.6. Person

1.7. Products

2. Entity Relationship Diagram1



2.1. Employees

2.2. Order

2.3. OrderItem

2.4. Partners

2.5. Payments
























2.6. Person

2.7. Products





3. Data Dictionary

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
Employees		EmployeeID		integer	10	true	false	true
		EndDate		timestamp	0	false	true	false
		JobTitle		varchar	20	false	false	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
		 EmployeeID		integer	10	true	false	true
		 PersonUserID		integer	10	false	false	false
		 Salary		decimal	19	false	false	false
		 StartDate		timestamp	0	false	false	false
 Order		 EmployeesEmployeeID		integer	10	false	false	false
		 OrderID		integer	10	true	false	true
		 PersonUserID		integer	10	false	false	false
		 ProductID		integer	10	false	false	false
		 Products		integer	10	false	true	false
 OrderItem		 ItemID		integer	10	true	false	false
		 OrderOrderID		integer	10	false	false	false
		 ProductsProductID		integer	10	false	false	false
		 StockOfProduct		integer	10	false	true	false
 Partners		 BrandID		varchar	20	true	false	true
		 BrandName		varchar	20	false	false	false
		 E-mail		integer	10	false	false	false
		 PersonUserID		integer	10	false	false	false
		 PhoneNumber		integer	10	false	true	false
 Payments		 AccountNumber		integer	10	false	false	false
		 CardDetails		integer	10	true	false	false

Entity Name	Entity Description	Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
		 AccountNumber		integer	10	false	false	false
		 CardNumber		integer	10	false	false	false
		 CCV		integer	10	false	true	false
		 Expire Date		integer	10	false	false	false
		 StudentCustomer UserID		integer	10	false	false	false
		 UserID		integer	10	true	false	true
 Person		 E-mail		integer	10	false	false	false
		 FirstName		integer	10	false	false	false
		 IsStudent		bit	0	false	false	false
		 LastName		integer	10	false	false	false
		 PhoneNumber		integer	10	false	true	false
		 UserID		integer	10	true	false	true
 Products		 Brand		integer	10	false	false	false
		 Color		integer	10	false	false	false
		 Memory Storage		integer	10	false	false	false
		 ModelName		integer	10	false	false	false
		 OperatingSystem		integer	10	false	false	false
		 PartnersBrandID		varchar	20	false	false	false
		 ProductAmount		integer	10	false	false	false
		 ProductID		integer	10	true	false	true
		 ProductName		integer	10	false	false	false

4. Data Dictionary

Entity Name	Entity Description					
Column Name	Column Description	Data Type	Length	Primary Key	Nullable	Unique
 Employees						
EmployeeID		integer	10	true	false	true
EndDate		timestamp	0	false	true	false
JobTitle		varchar	20	false	false	false
PersonUserID		integer	10	false	false	false
Salary		decimal	19	false	false	false
StartDate		timestamp	0	false	false	false
 Order						
EmployeesEmployeeID		integer	10	false	false	false
OrderID		integer	10	true	false	true
PersonsUserID		integer	10	false	false	false
ProductID		integer	10	false	false	false
Products		integer	10	false	true	false
 OrderItem						
ItemID		integer	10	true	false	false
OrderOrderID		integer	10	false	false	false
ProductsProductID		integer	10	false	false	false
StockOfProduct		integer	10	false	true	false
 Partners						
BrandID		varchar	20	true	false	true
BrandName		varchar	20	false	false	false
E-mail		integer	10	false	false	false
PersonUserID		integer	10	false	false	false
PhoneNumber		integer	10	false	true	false
 Payments						
AccountNumber		integer	10	false	false	false
CardDetails		integer	10	true	false	false
CardNumber		integer	10	false	false	false
CCV		integer	10	false	true	false
ExpireDate		integer	10	false	false	false
StudentCustomersUserID		integer	10	false	false	false

Entity Name	Entity Description					
UserID	integer	10	true	false	true	

Person

E-mail	integer	10	false	false	false	
FirstName	integer	10	false	false	false	
IsStudent	bit	0	false	false	false	
LastName	integer	10	false	false	false	
PhoneNumber	integer	10	false	true	false	
UserID	integer	10	true	false	true	

Products

Brand	integer	10	false	false	false	
Color	integer	10	false	false	false	
MemoryStorage	integer	10	false	false	false	
ModelName	integer	10	false	false	false	
OperatingSystem	integer	10	false	false	false	
PartnersBrandID	varchar	20	false	false	false	
ProductAmount	integer	10	false	false	false	
ProductID	integer	10	true	false	true	
ProductName	integer	10	false	false	false	