@startuml

package "Product Management" {

[Product]

[Category]

}

package "Customer Management" {

[Customer]

}

package "Cart Management" {

[Cart]

[CartItem]

}

package "Order Management" {

[Order]

[OrderItem]

}

package "Payment Management" {

[Payment]

}

package "User Interface" {

[HomePage]

[ProductPage]

[CartPage]

[OrderPage]

}

[Product Management] --> [Cart Management]

[Product Management] --> [Order Management]

[Customer Management] --> [Cart Management]

[Customer Management] --> [Order Management]

[Order Management] --> [Payment Management]

[User Interface] --> [Product Management]

[User Interface] --> [Customer Management]

[User Interface] --> [Cart Management]

[User Interface] --> [Order Management]

@enduml