



Inspiring Excellence

CSE471

System Analysis and Design

Assignment : 04

Use Case & Class Diagram

Submitted By

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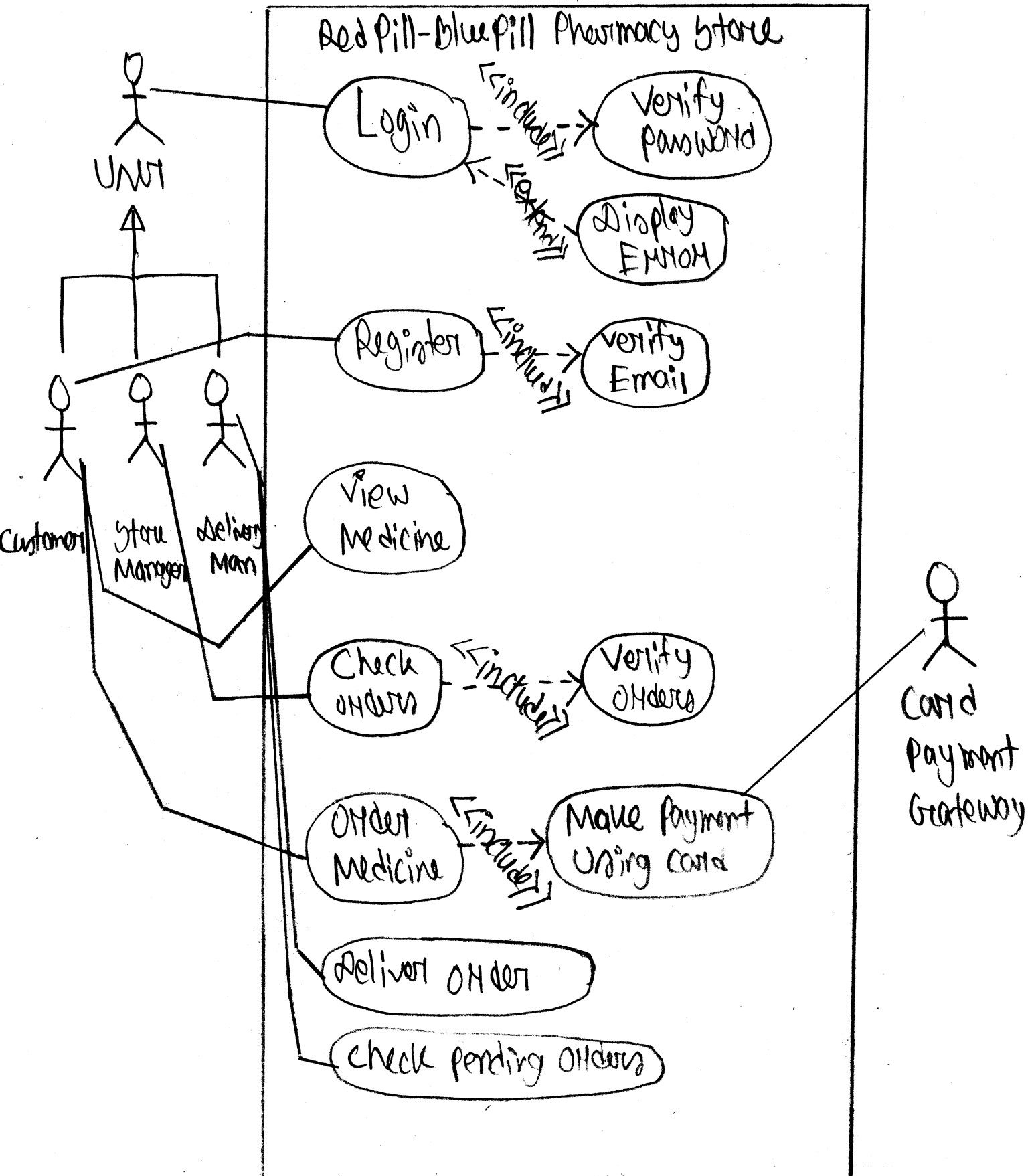
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Assignment 04

UML Case Diagram



Login

+verifyPass(
password: String)
: bool
+showError(): String

Class Diagram (Red Pill - Blue Pill Pharmacy Store)

OrderCart

-medicineList: list

+addMedicine(mid: int)
: void
+removeMedicine(
mid: int): void
+confirmOrder(): bool
+calculatePrice(
medicineList: list): int

User

-email: String
-password: String

+verifyLogin(): bool

Medicine

mid: int
+name: String
+element: String
+dose: String

+checkManual()
: void
+checkAvailability(
mid: int): bool

MedicineDatabase

-medicineList: list

+addMedicine(mid: int)
: void
+removeMedicine(mid:
int): void

OrderDatabase

-orderList: list

+addOrder(oid: int)
: void
+removeDelivered-
Order(oid: int)
: void
+cancelOrder(oid: int)
: void

Registration

-email: String
-password: String

+verifyEmail(): void
+confirmation-
Verification(): bool

Customer

-customerName: String
-customerAddr: String

-setPass (pass: String):
void
-setEmail(email: String)
: void

Store Manager

-employeeId: int
-name: String

+checkOrder(
orderId: int): bool
+verifyOrder(
orderId: int):
bool

DeliveryMan

-employeeId: int
-name: String

+deliverOrder(
orderId: int): void
+notPendingOrder(
date: Date): int

CardPayment

-amount: int

+confirmPayment(): bool
+verifyPayment(): bool
+showConfirmationText
: void

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checks

1..*

verifies
1..*

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