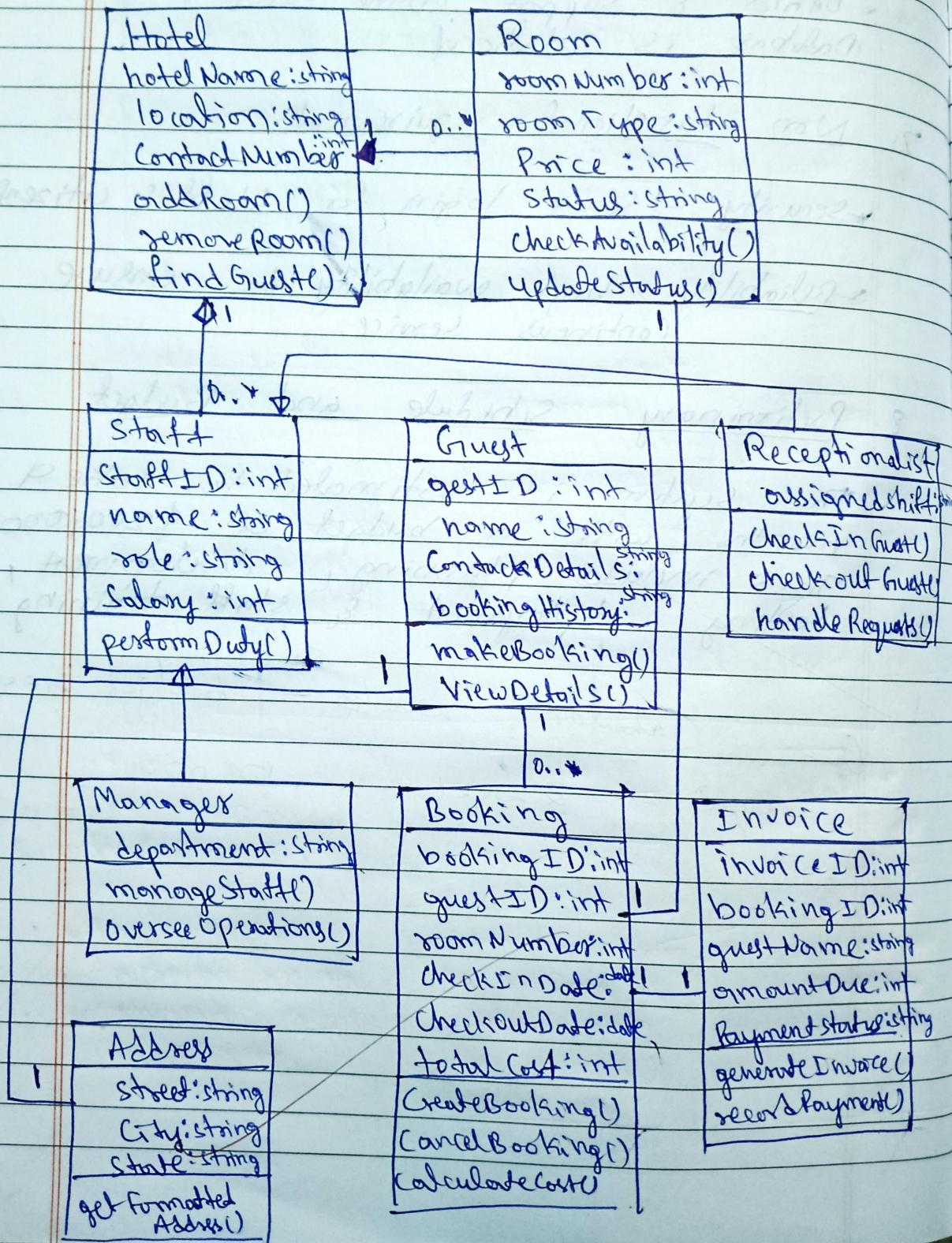


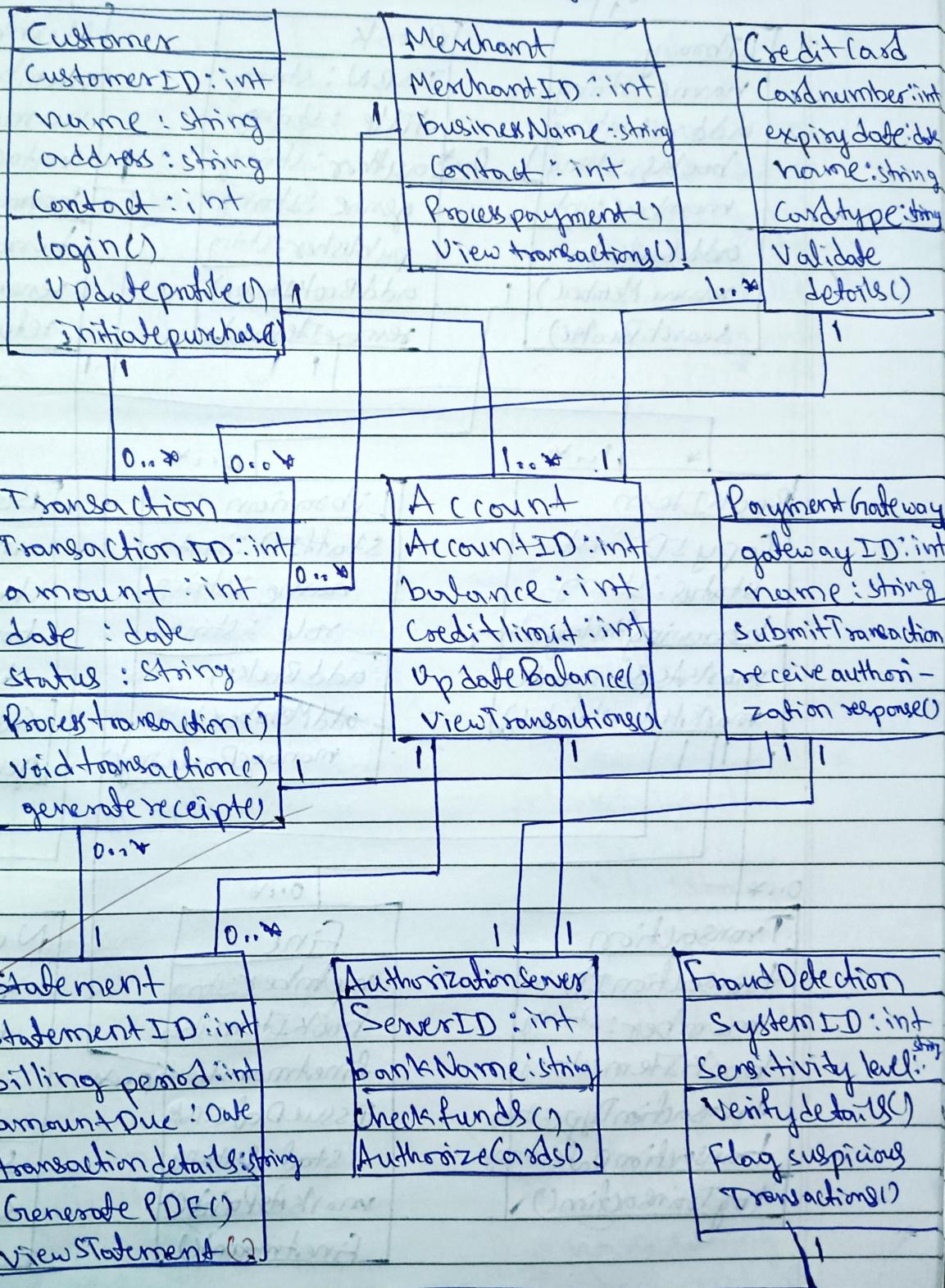
29/8/28

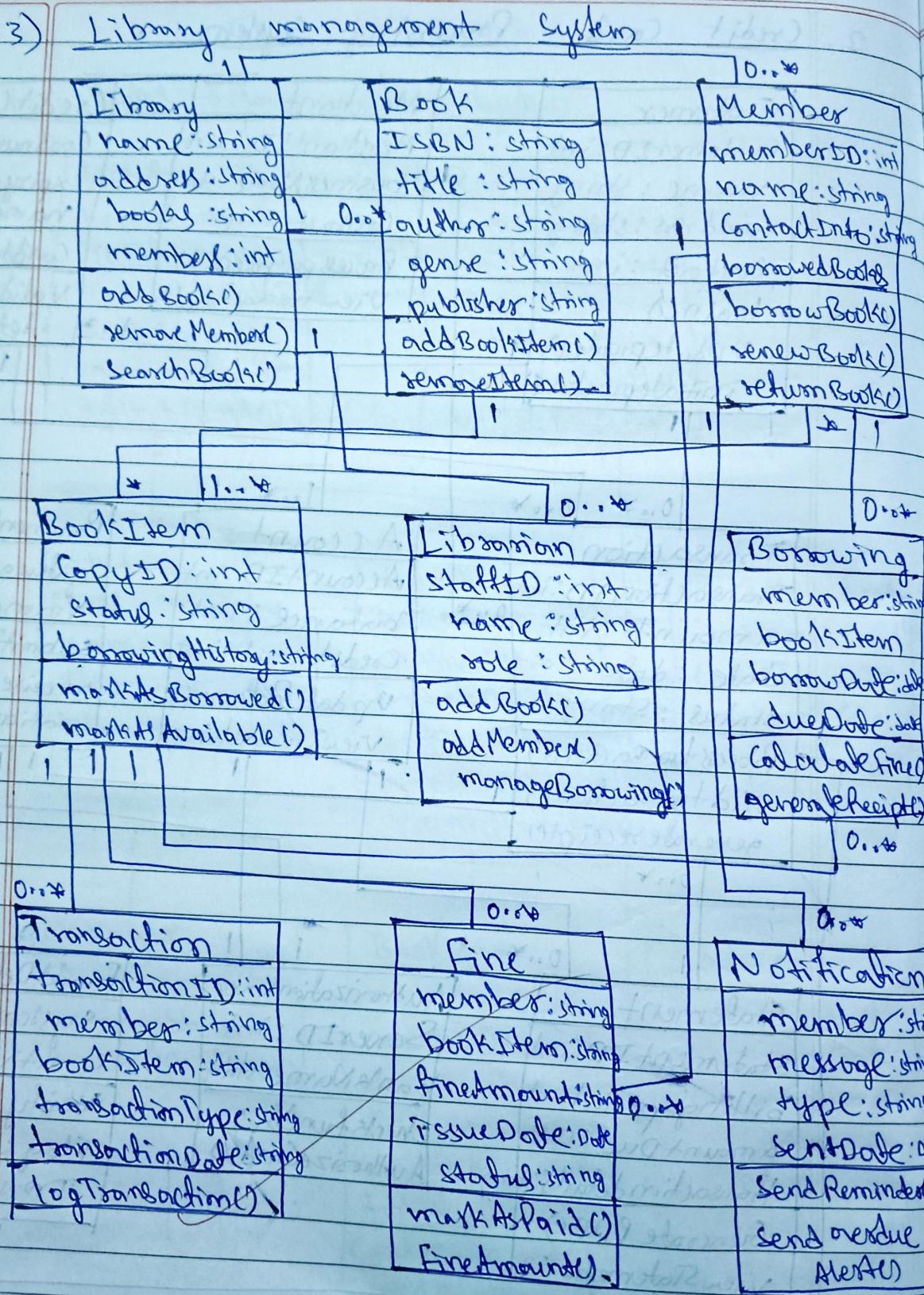
Class Diagrams

1. Hotel Management System

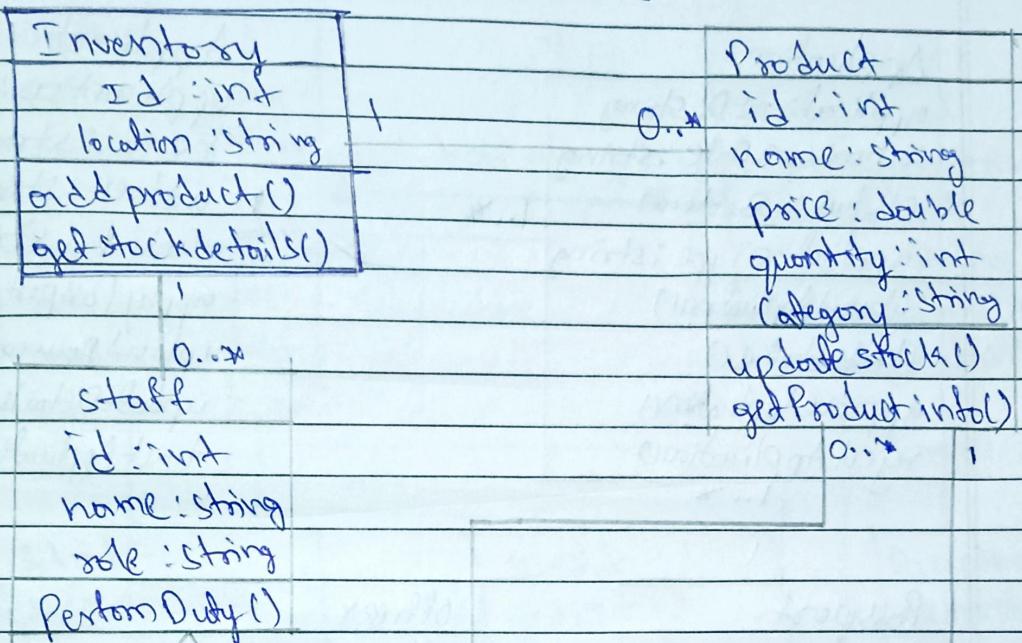


2. Credit Card Processing System





4) Stock Maintenance System



Manager
department : string
generateReport()

Clerk
staff : string
updateInventory()

Supplier
id : int
name : string
contact : int
supplyProduct()

stocktransaction
id : int
date : string
quantity : int
type : string
recordTransaction()

Order
id : int
date : string
status : string
placeOrder()

Customer
id : int
name : string
phone : int
purchaseProduct()

5) Passport Automation System

Application

applicationID: string
 submissionDate: string
 status: Boolean
 applicationType: string
 SubmitApplication()
 checkStatus()
 approveApplication()
 rejectApplication()
 ...

Applicant

applicantID: string
 name: string
 address: string
 contact: string
 applyPassport()
 uploadDocument()
 updateDetails()
 trackApplication()

Passport

PassportID: Int
 IssueDate: string
 expiryDate: string
 PassportType: string
 renewPassport()
 revokePassport()
 IssuePassport()
 CancelPassport

Officer

officerID: string
 name: string
 department: string
 contact: string
 VerifyDocument()
 approveDocument()
 rejectDocument()
 issuePassport

Document

documentID: string
 documentType: string
 issueDate: string
 ValidateDocument()

DocumentOfficer

VerifyDocument()
 approveDocument()

IssuingOfficer

rejectDocument()
 issuePassport()