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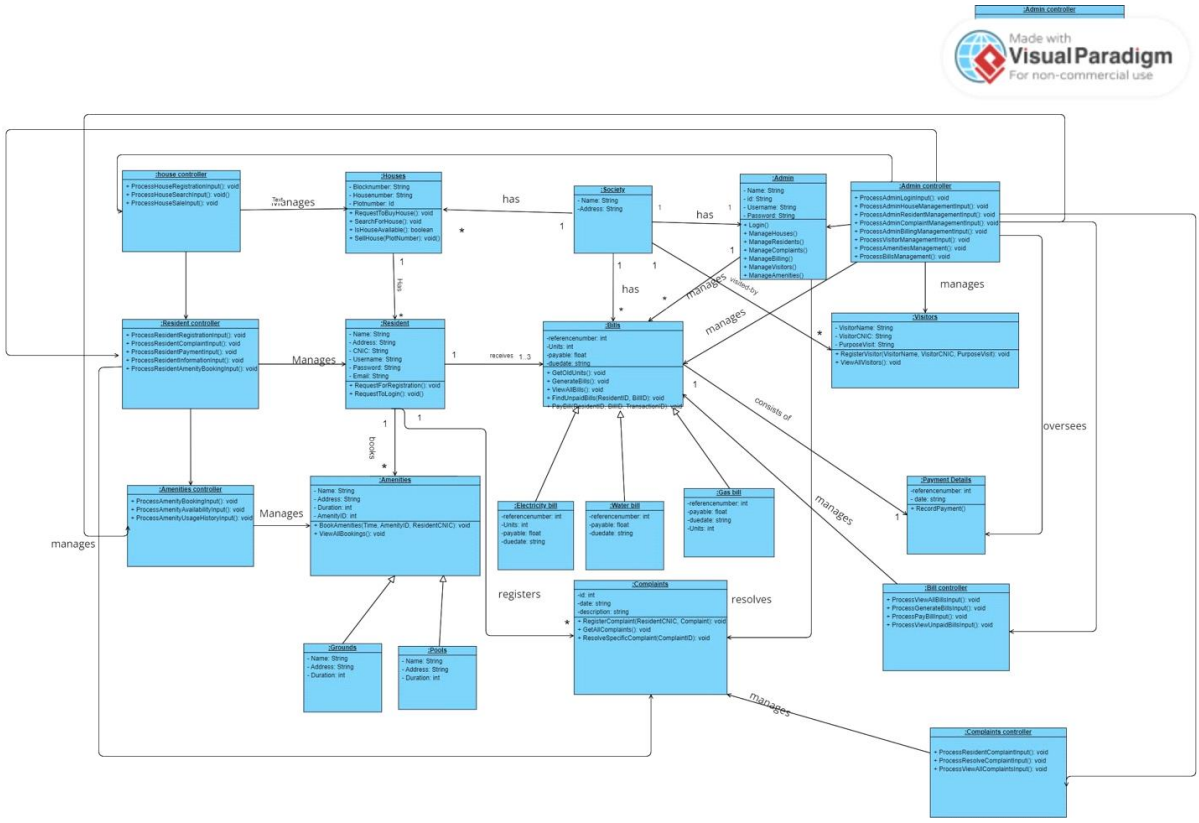
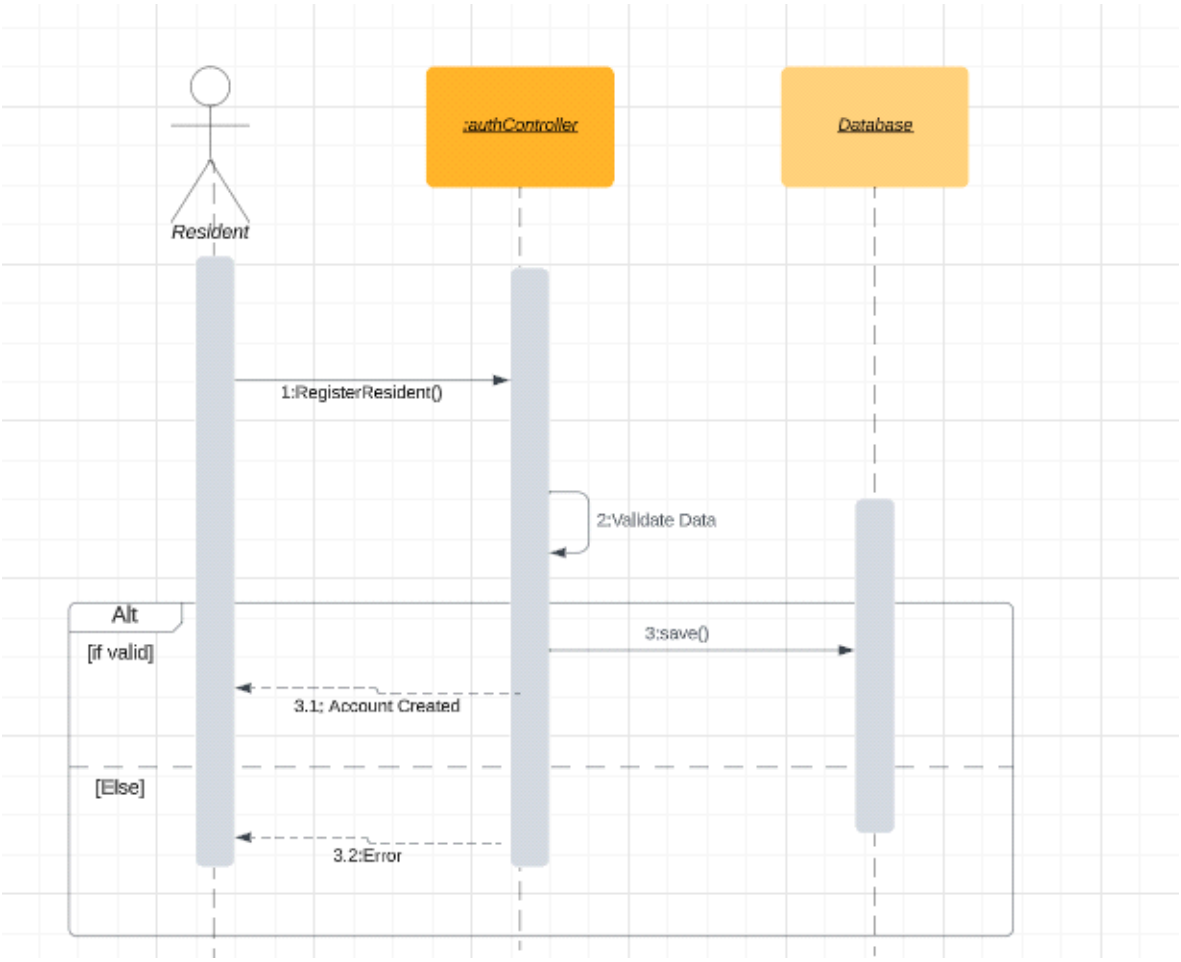
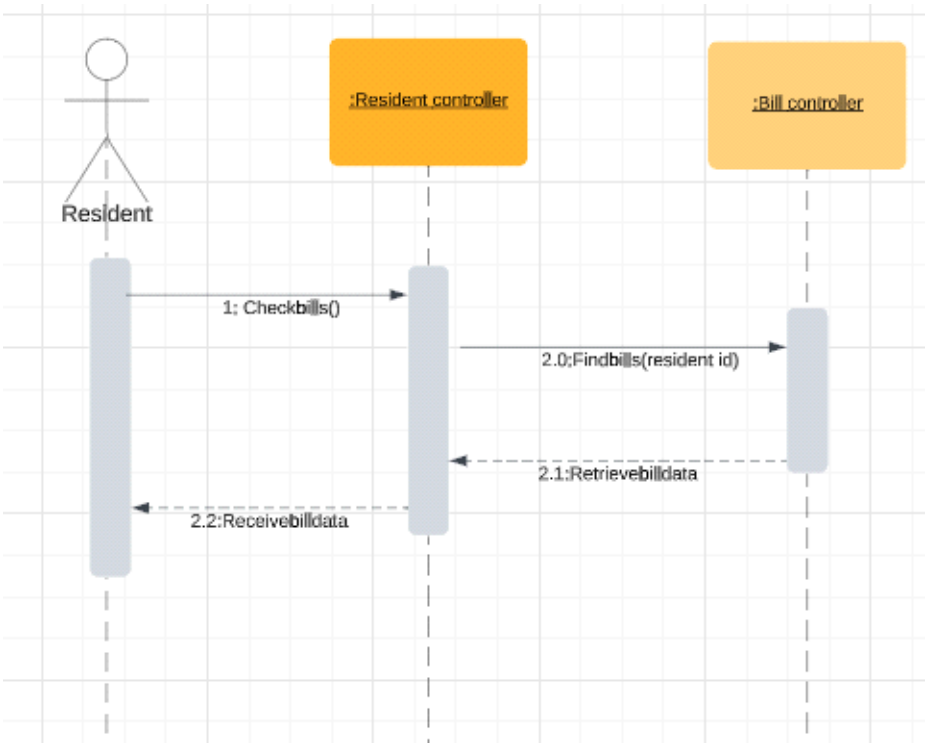


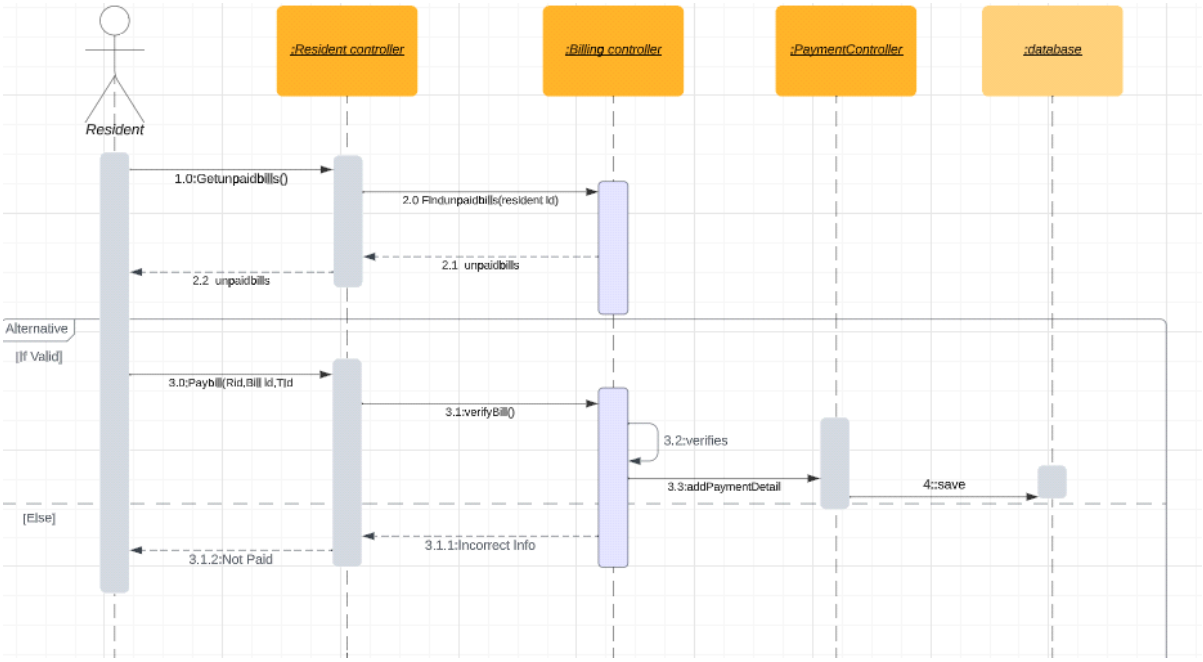
1.1: Apply for registration



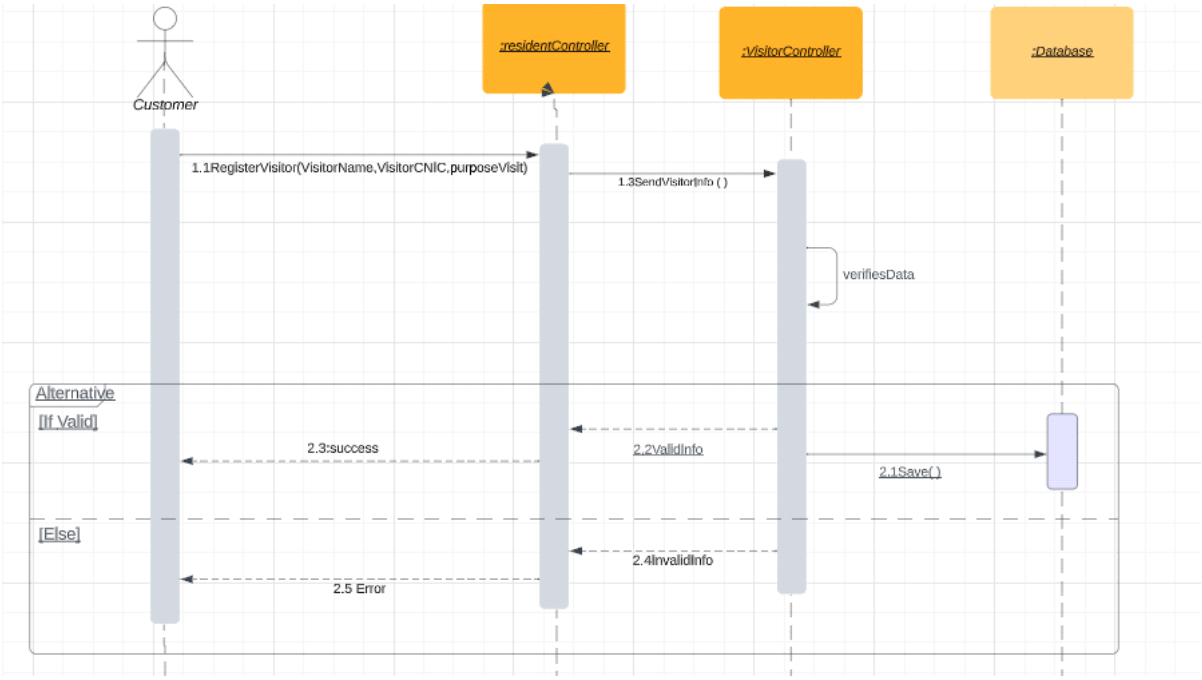
1.2: Check bills



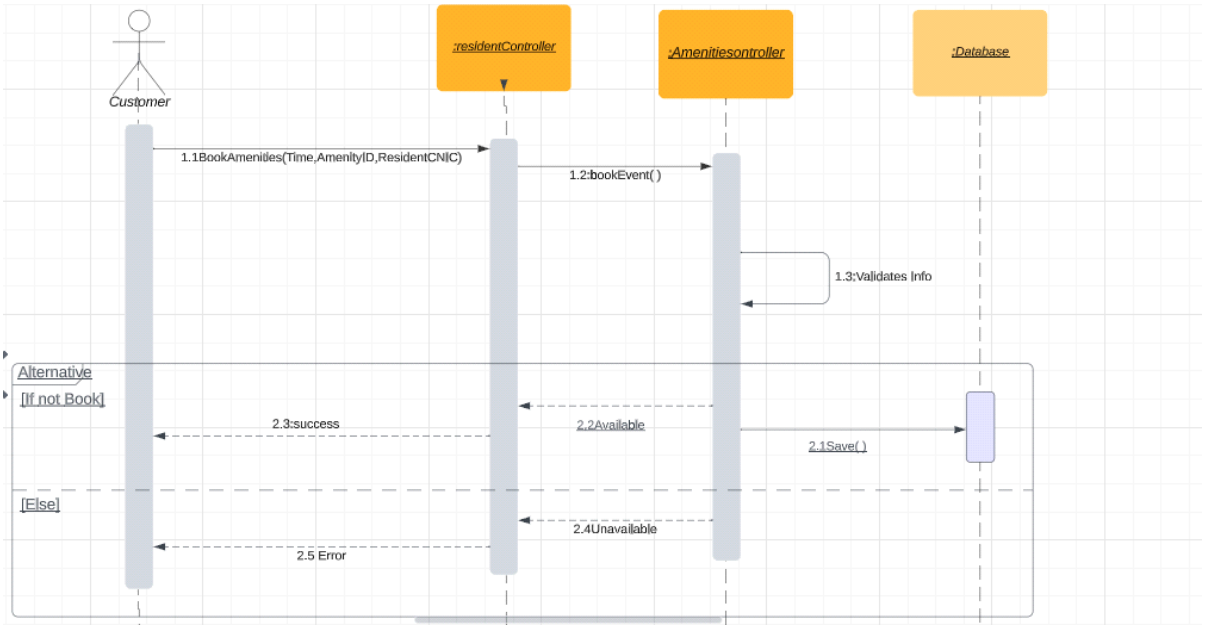
1.3 Pay Bills



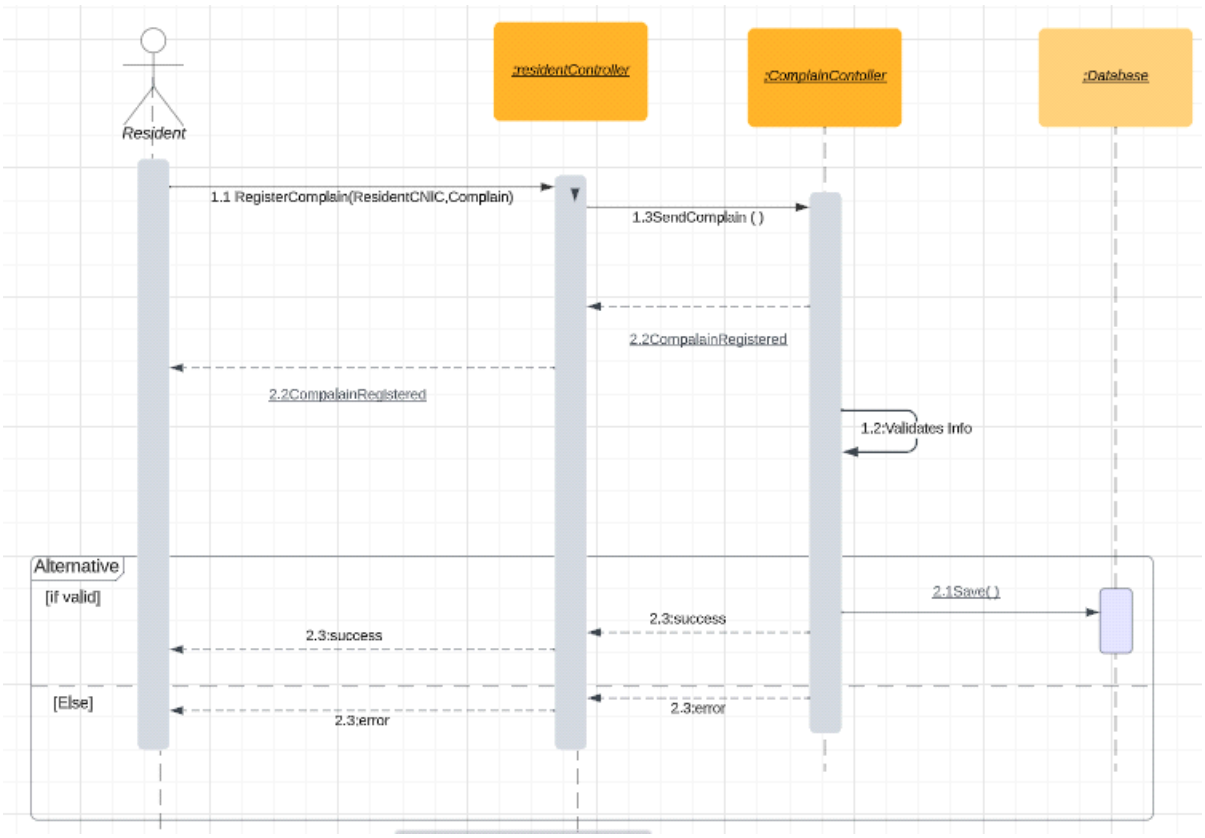
1.4: Register a visitor:


Customer
:residentController
:VisitorController
:Database
1.1RegisterVisitor(VisitorName,VisitorCNIC,purposeVisit)
1.3SendVisitorInfo ( )
verifiesData
Alternative
[If Valid]
2.3:success
2.2ValidInfo
2.1Save( )
[Else]
2.4InvalidInfo
2.5 Error

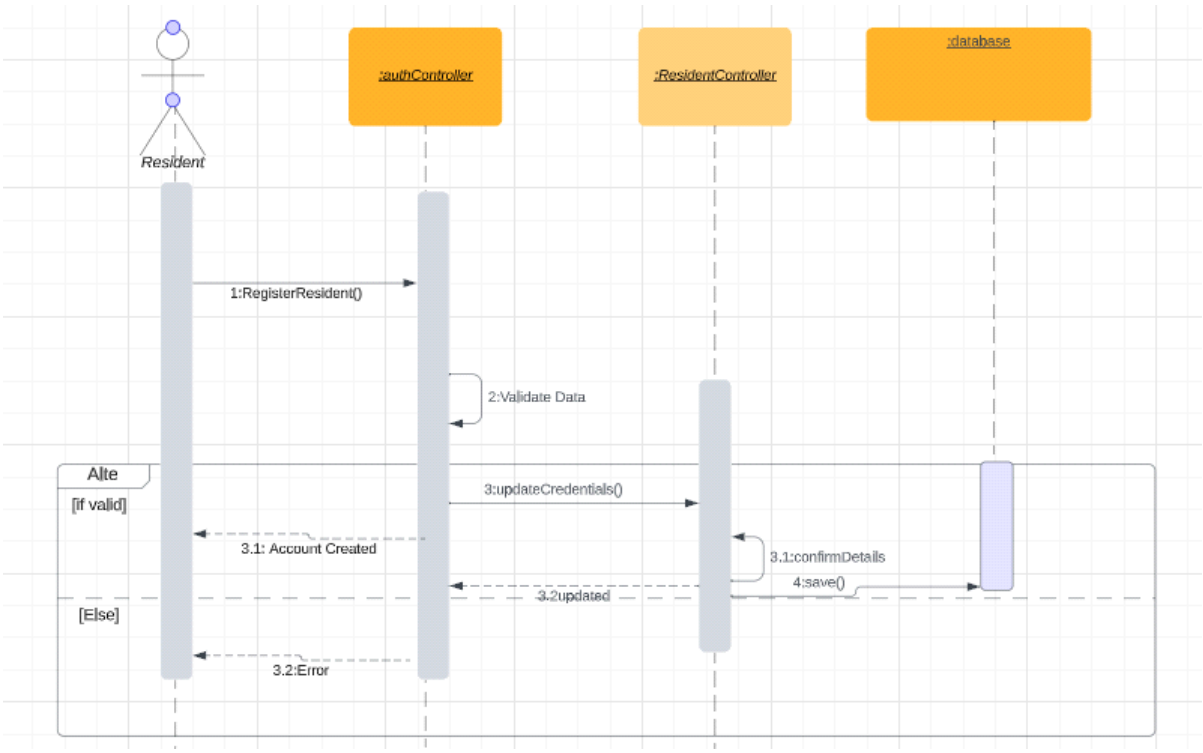
1.5: Book amenities:



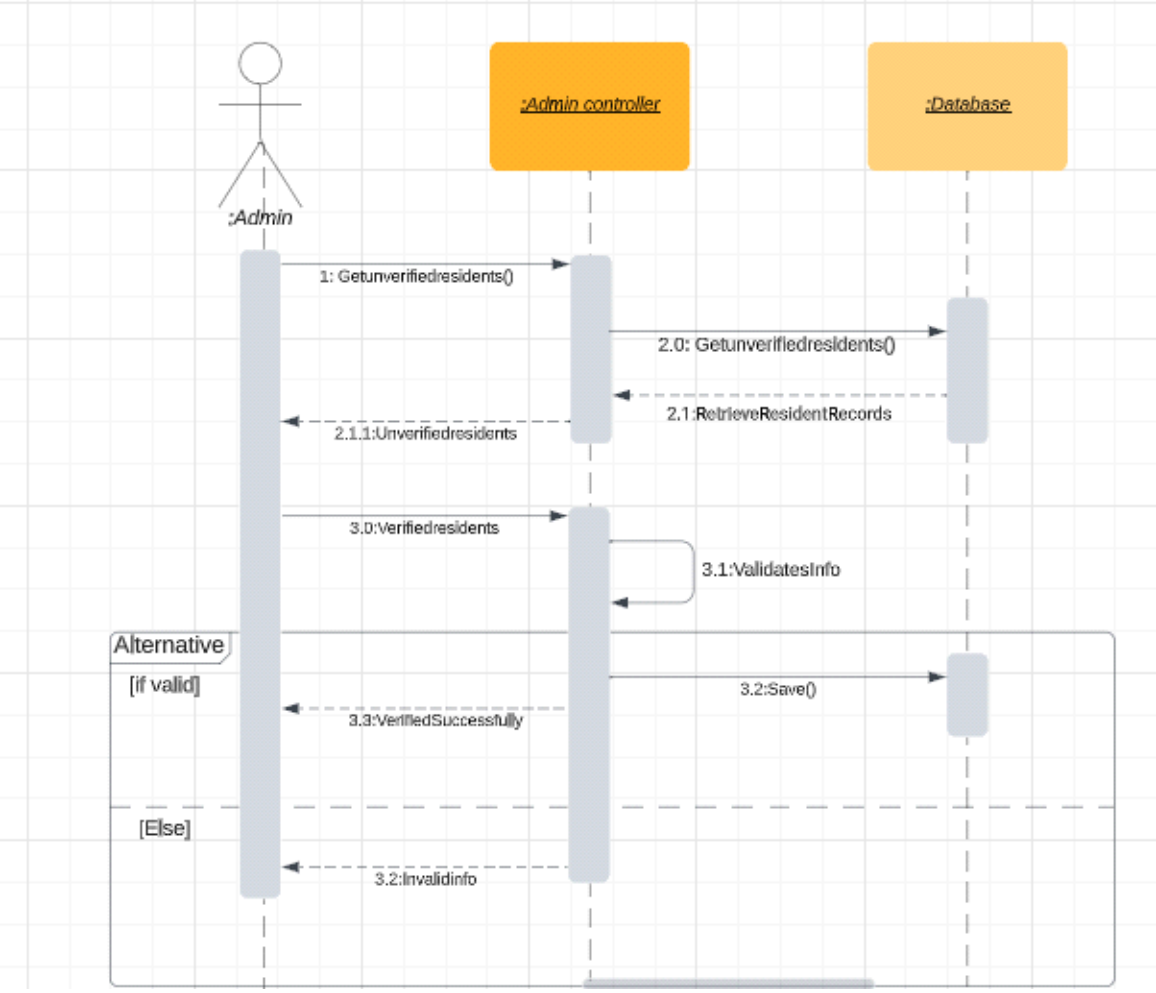
1.6: Manage Complaint



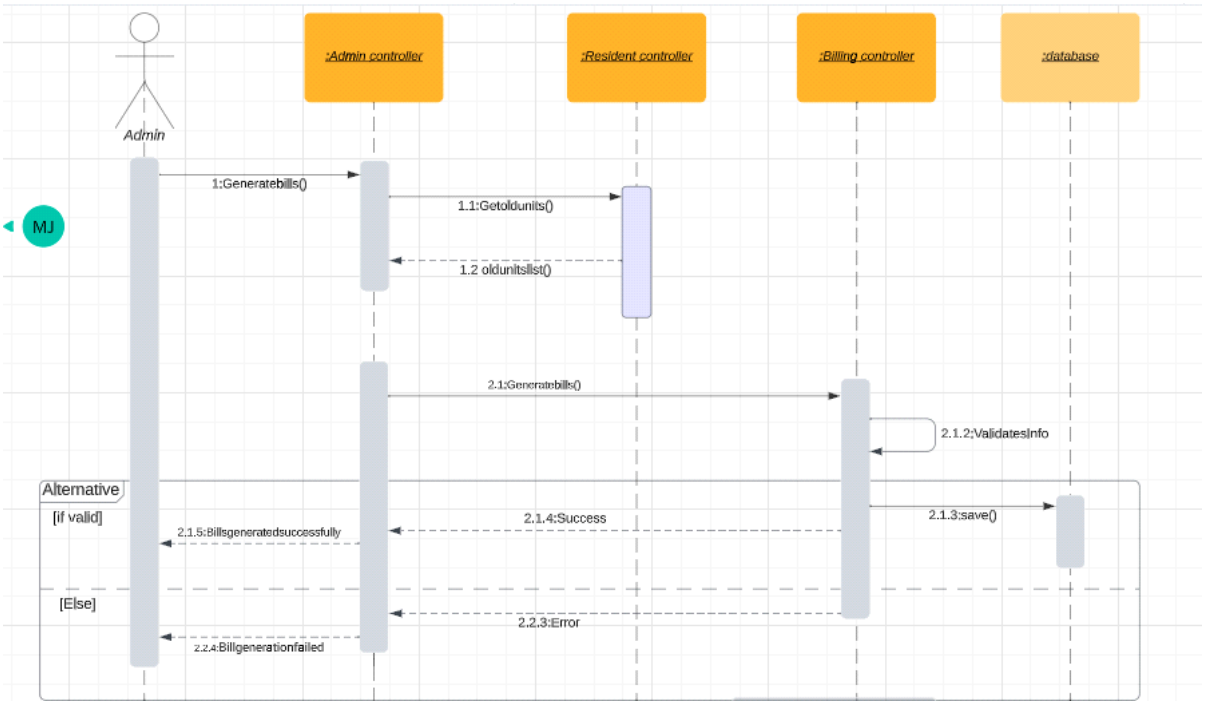
1.7: Manage Members:


Resident
:authController
:ResidentController
:database
1:RegisterResident()
2:Validate Data
Alte
[if valid]
3:updateCredentials()
3.1: Account Created
3.1:confirmDetails
4:save()
3.2:updated
[Else]
3.2:Error

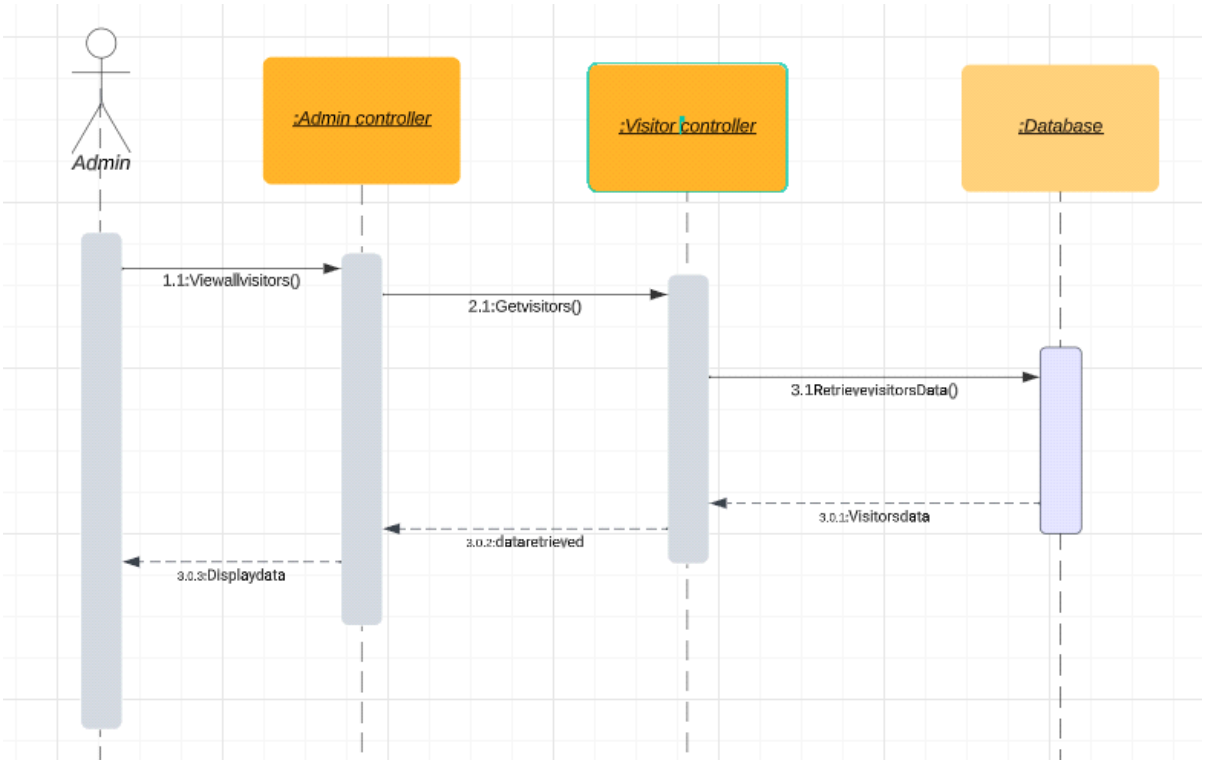
1.8: Verify registration:



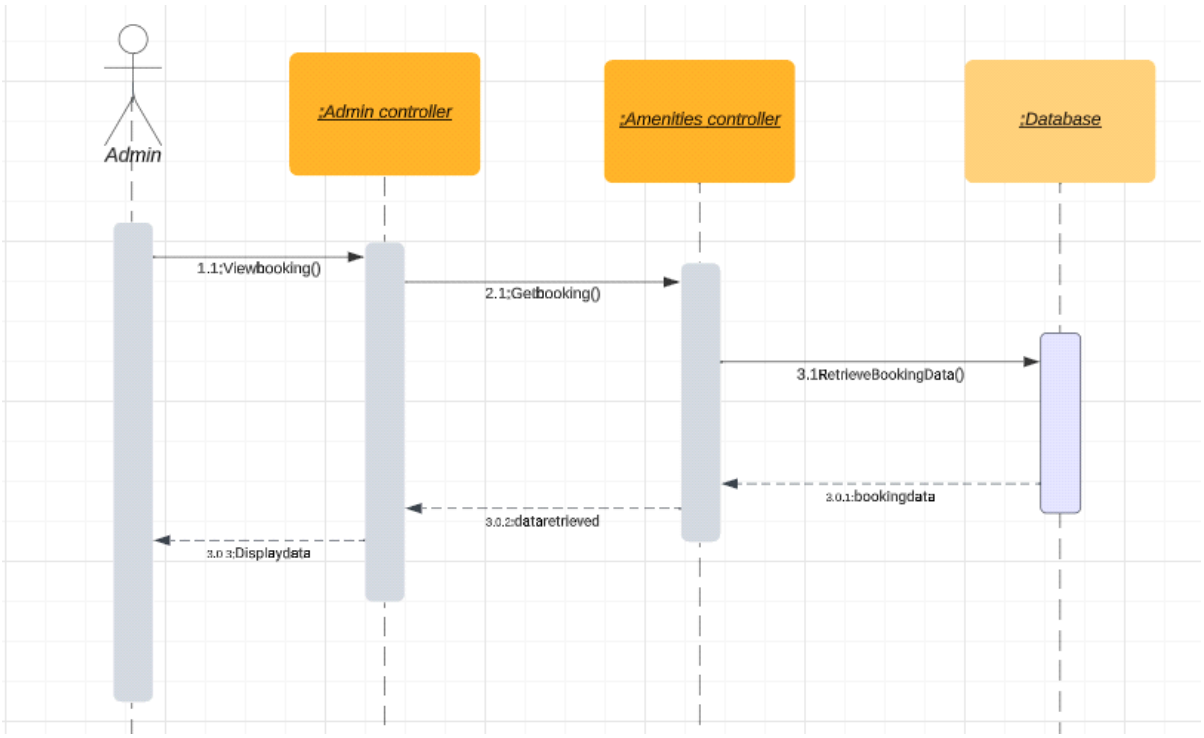
1.9 Generate bills:



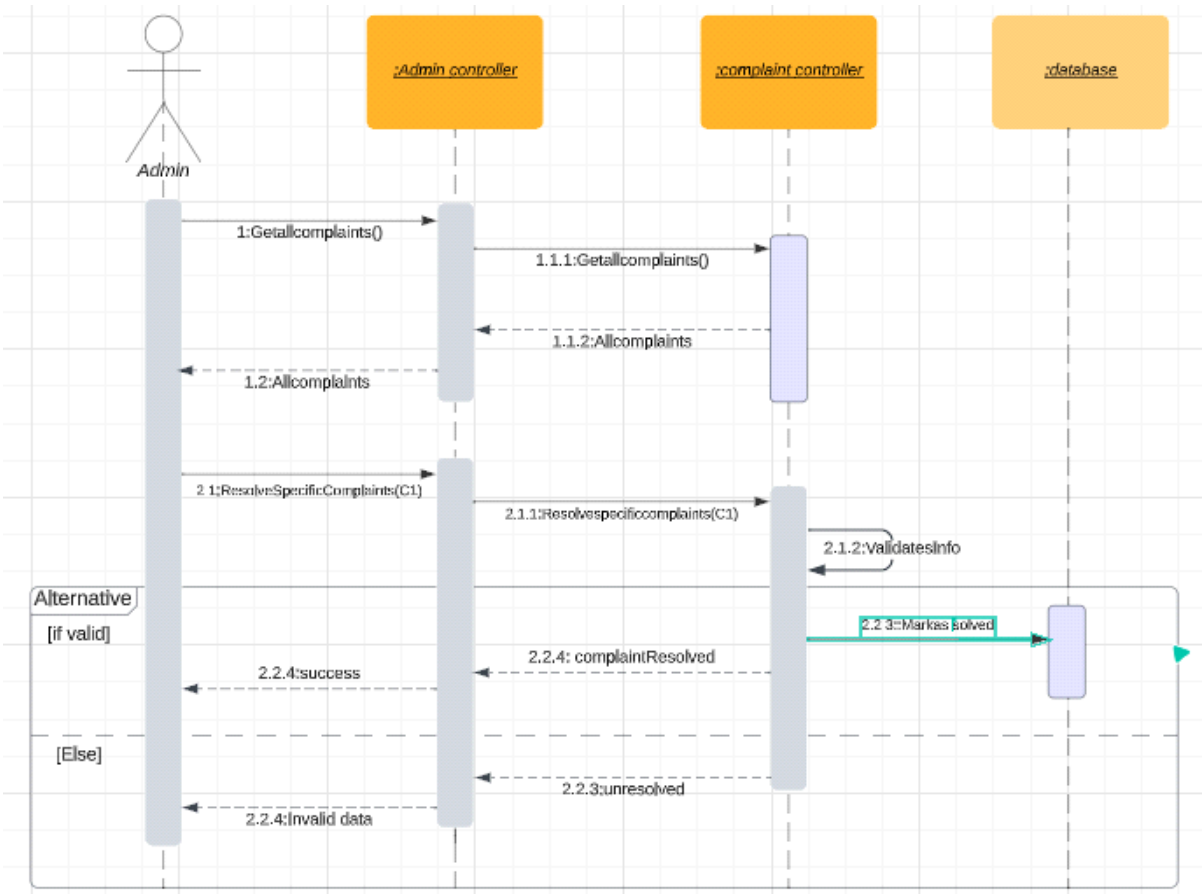
1.10 View visitors:



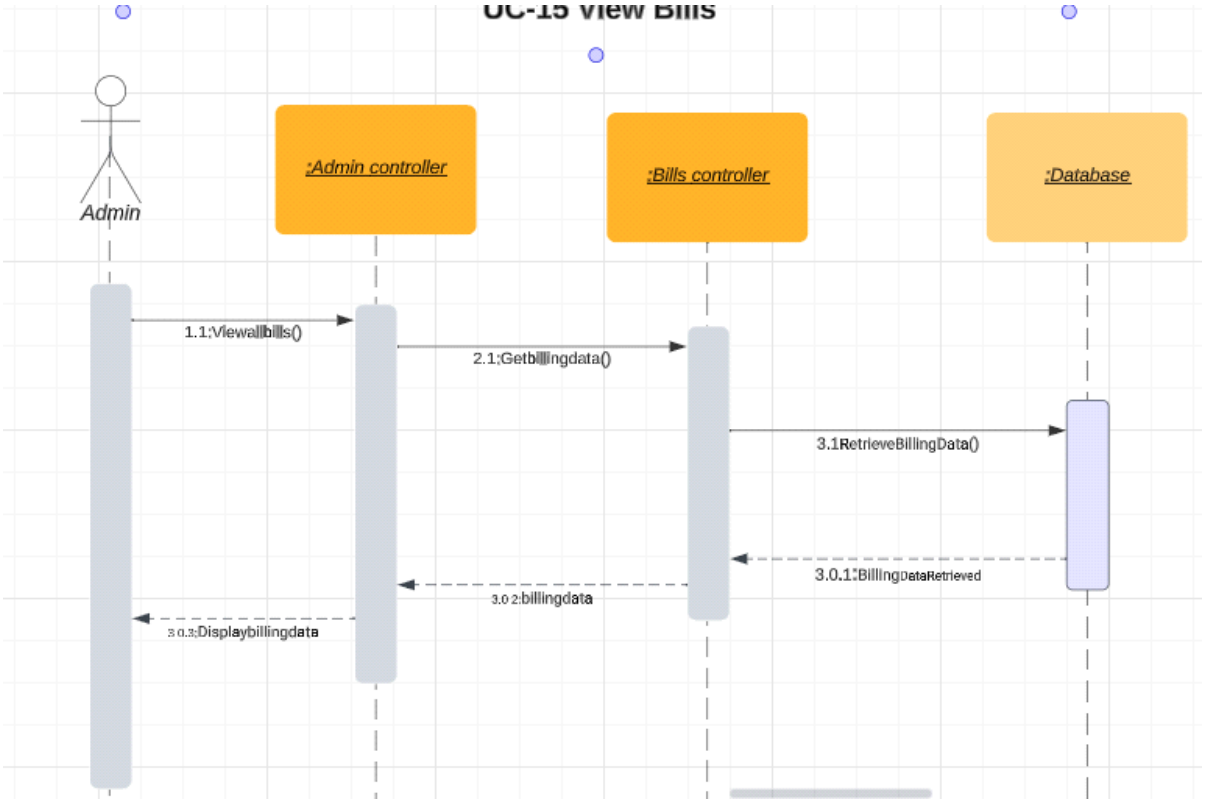
1.11 View bookings:



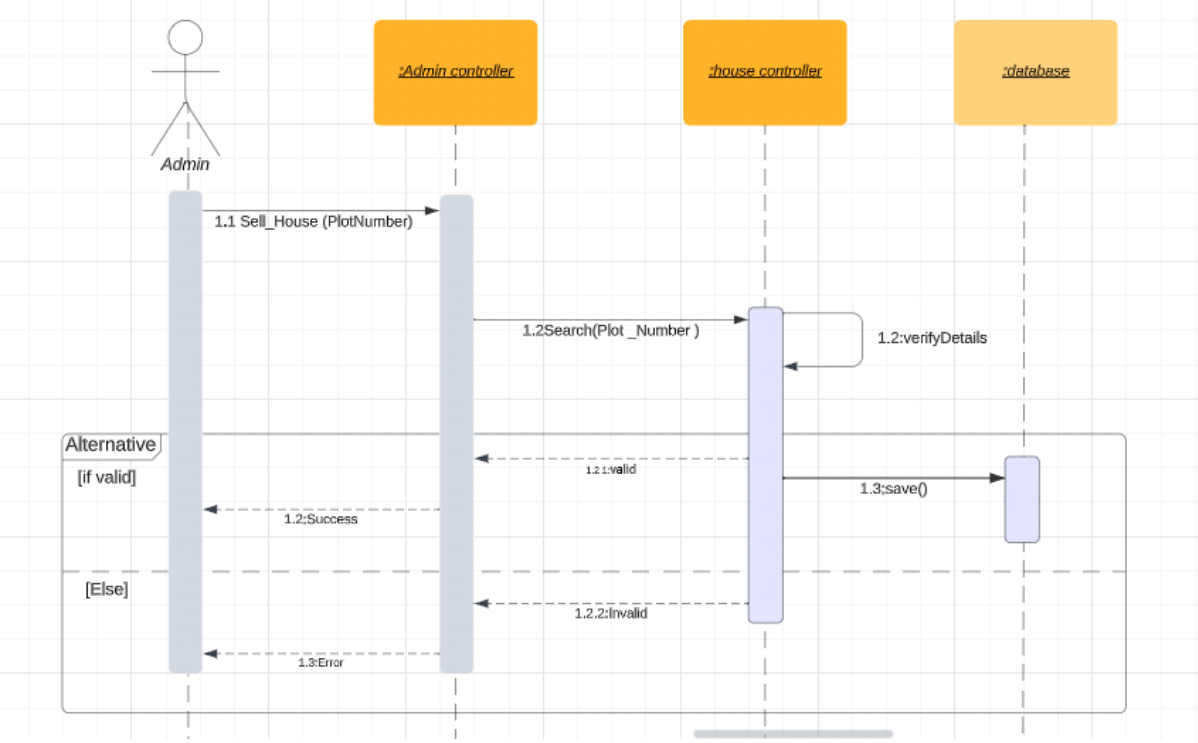
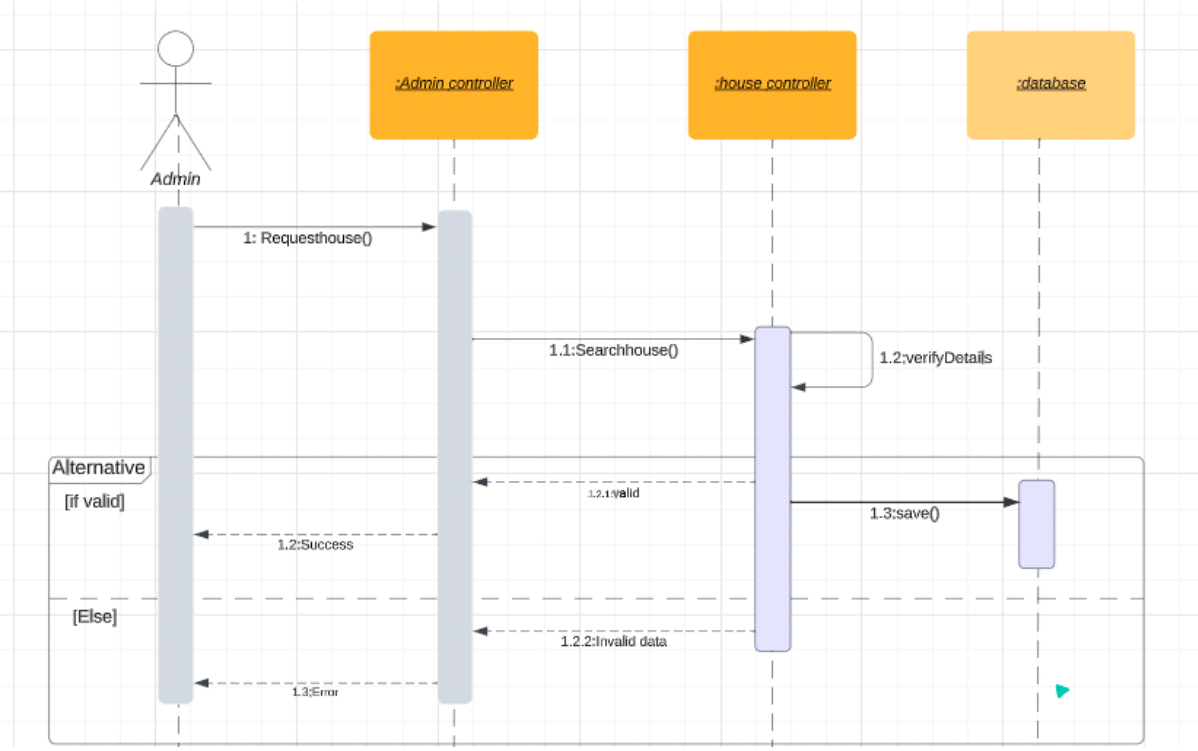
1.12: Resolve complaints:



1.13: View bills


UC-15 View Bills
Admin
:Admin controller
:Bills controller
:Database
1.1:Viewallbills()
2.1:Getbillingdata()
3.1RetrieveBillingData()
3.0.1:BillingDataRetrieved
3.0.2:billingdata
3.0.3:Displaybillingdata

1.14: Sell house



1.15: Buy house