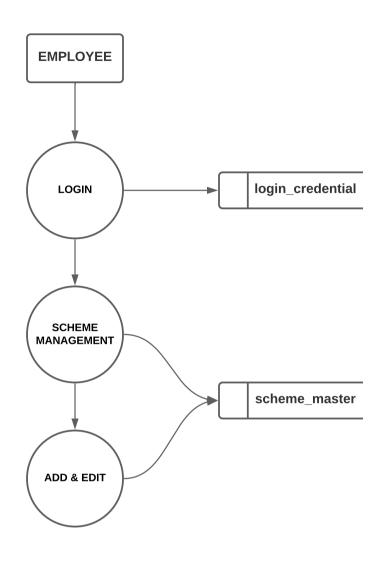
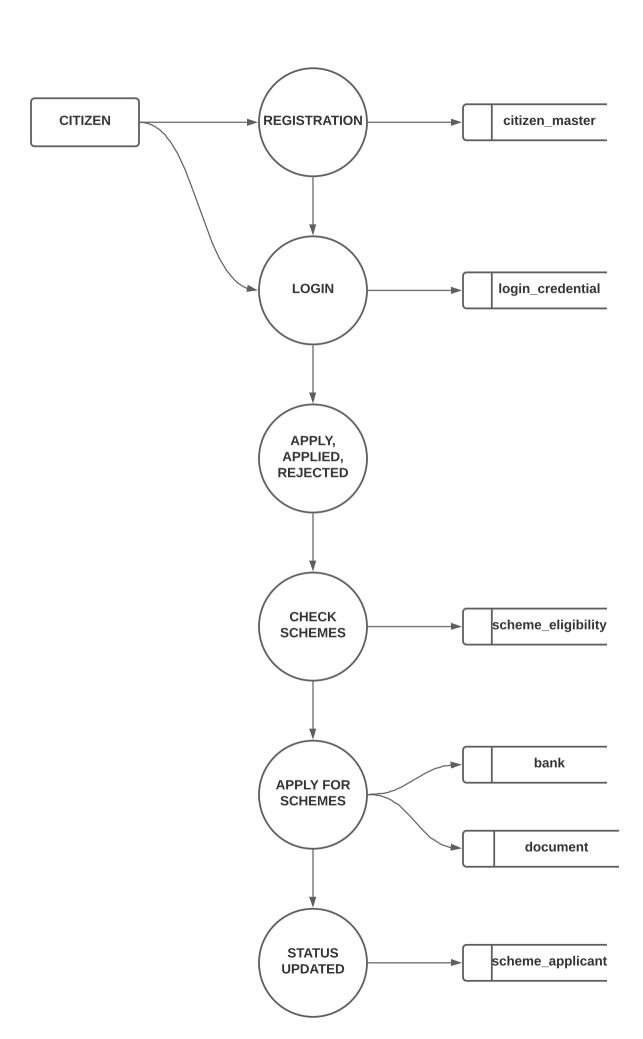
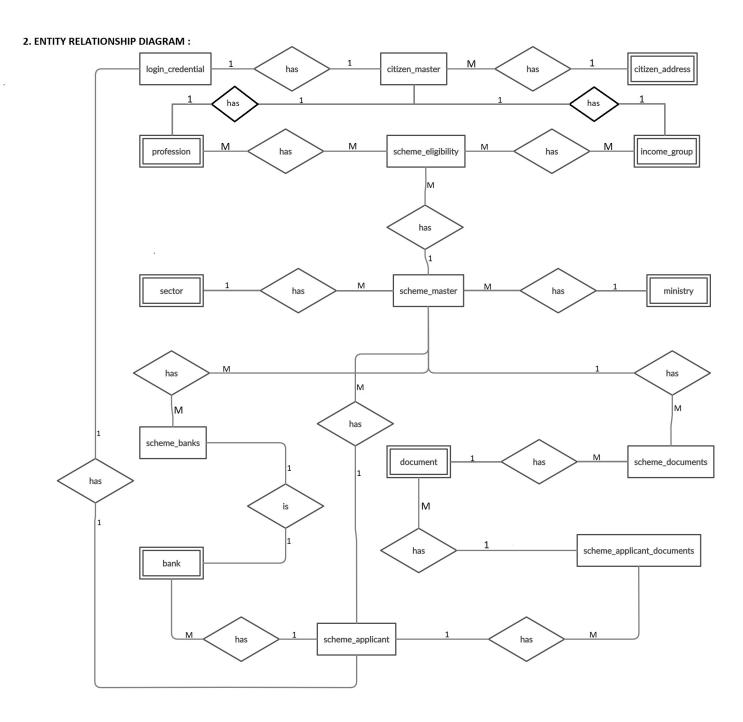
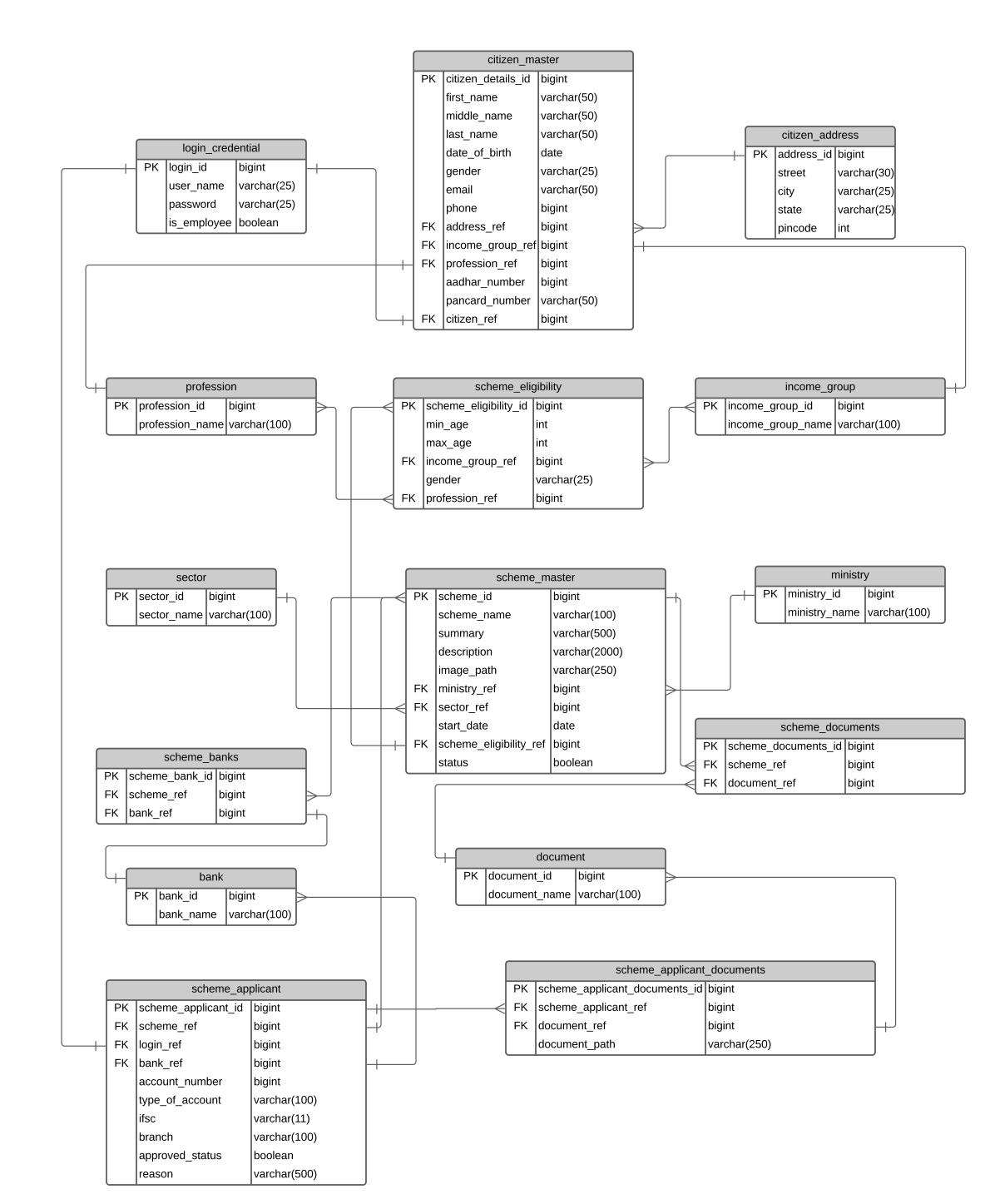
1. DATA FLOW DIAGRAM:







3. DATABASE DESIGN:



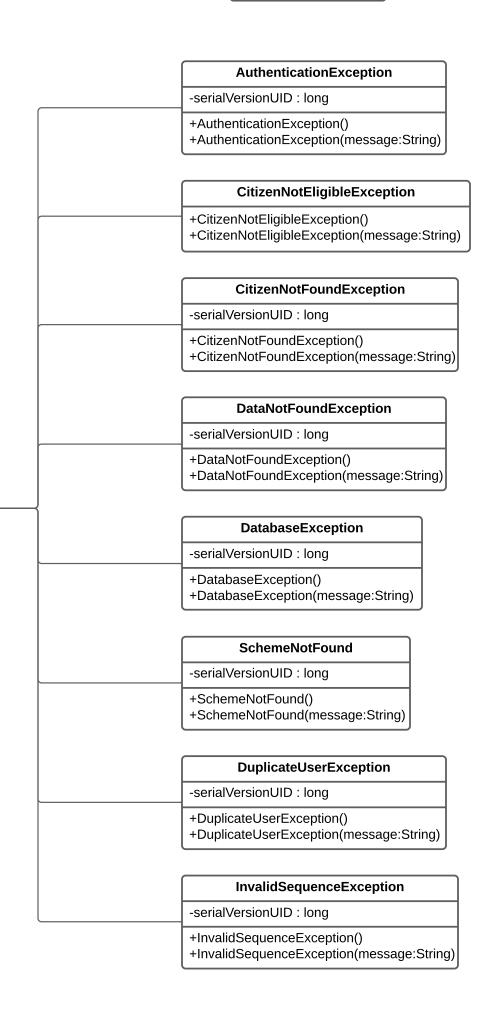
DBUtility +getConnection()

ObjectFactory

+getInstance()

<<enumeration>> LayerType

CITIZEN_DAO CITIZEN_SERVICE SCHEME_DAO SCHEME_SERVICE **EMPLOYEE DAO** EMPLOYEE SERVICE COMMON_DAO COMMON_SERVICE



AddressVO

<<Java Class>> **Exception**

- -addressID : long -street : String -city: String -state : String -pincode: int
- +AddressVO() +getAddressID()
- +setAddressId() +getStreet()
- +setStreet() +getCity()
- +setCity() +getState()
- +setState()
- +getPincode()
- +setPincode() +toString()
- +hashCode() +equals()

LoginVO

-loginId: long -userName: String -password : String -isEmployee : boolean

+LoginVO() +getLoginId() +setLoginId() +getUserName() +setUserName() +getPassword() +setPassword() +isEmployee() +setEmployee() +toString() +hashCode()

+equals()

BankVO

-bankId : long -bankName: String

- +BankVO() +getBankId()
- +setBankId()
- +getBankName()
- +setBankName() +toString() +hashCode()
- +equals()

MinistryVO

- -ministryId: long -ministryName : String
- +MinistryVO()
- +getMinistryId() +setMinistryId()
- +getMinistryName() +setMinistryName()
- +toString()
- +hasgCode() +equals()

ProfessionVO

-professionId : long

-professionName : String +ProfessionVO() +getProfessionId() +setProfessionId() +getProfessionNAme() +setProfessionName() +toString()

+hashCode()

+equals()

SchemeApplicantDocumentsVO

-schemeApplicantDocumentsId: long -documentVO : DocumentVO -documentPath: String

+SchemeApplicantDocumentsVO() +getSchemeApplicantDocumentsId()

- +setSchemeApplicantDocumentsId() +getDocumentVO()
- +setDocumentVO() +getDocumentPath()

- +toString() +hashCode() +equals()

+setDocumentPath()

CitizenDetailsVO

-CitizenDetailsId: long -firstName: String -middleName : String -lastName: String -dateOfBirth: LocalDate

-gender : String -email: String

-phone : long -addressVO : AddressVO -incomeGroup : IncomeGroupVO

-profession : ProfessionVO -adharNumber : long -pancardNumber : String -loginVO: LoginVO

+CitizenDetailsVO() +getCitizenDetailsId() +setCitizenDetailsId() +getFirstName()

+setFirstName() +getMiddleName()

+setMiddleName() +getLastNAme() +setLAstName()

+getDateOfBirth() +setDateOfBirth() +getGender()

+setGender() +getEmail() +setEmail()

+getPhone() +setPhone()

+getAddressVO() +setAddressVO() +aetIncomeGroup()

+setIncomeGroup() +getProfession() +setProfession()

+getAdharNumber() +setAdharNumber() +getPancardNumber()

+setPancardNumber() +getLoginVO() +setLoginVO() +hashCode()

+equals()

SectorVO -sectorId : long -sectorName : String

+SectorVO() +getSectorId() +setSectorId() +getSectorName()

+setSectorName() +toString() +hashCode() +equals()

SchemeVO

-schemeId: long -schemeName: String -summary: String -description : String -imagePath : String

-ministryVO: MinistryVO -sectorVO : SectorVO -startDate : LocalDate

-schemeEligibilityVO : SchemeEligibilityVO -status : boolean

-documentList : List -bankList : List

+SchemeVO() +getSchemeId() +setSchemeId() +getSchemeName()

+setSchemeName() +getSummary() +setSummary() +getDescription() +setDescription()

+getImagePath() +setImagePath() +getMinistryVO()

+setMinistryVO() +getSectorVO()

+setSectorVO() +getStartDate() +setStartDate()

+getSchemeEligibilityVO() +setSchemeEligibilityVO() +isStatus()

+setStatus()

+getDocumentList() +setDocumentList() +getBankList()

+setBankList() +toString() +hashCode()

+equals()

SchemeEligibilityVO

-schemeEligibilityId: long

-minAge : int -maxAge: int

-incomeGroupVO : IncomeGroupVO -gender : String -professionVO: ProfessionVO

+SchemeEliqibilityVO() +getSchemeEligibilityId()

+setSchemeEligibilityId()

+getMinAge() +setMinAge()

+getMaxAge() +setMaxAge()

+getIncomeGroupVO() +setIncomeGroupVO() +getGender()

+setGender() +getProfessionVO()

+setProfessionVO() +toString() +hashCode() +equals()

DocumentVO

-documentId : long -documentName : String

+DocumentVO() +getDocumentId() +setDocumentId()

+getDocumentName() +setDocumentName() +toString() +hashCode() +equals()

+compareTo()

SchemeApplicantVO

-schemeApplicantId: long -schemeVO : SchemeVO -loginVO : LoginVO -bankVO: BankVO

-accountNumber : long -typeOfAccount : String -ifsc : String -branch: String

-applicantDocumentsList : List -approvedStatus : boolean -reason : String

+SchemeApplicantVO() +getSchemeApplicantId() +setSchemeApplicantId() +getSchemeVO()

+setSchemeVO() +getLoginVO()

+setLoginVO() +getBankVO() +setBankVO()

+getAccountNumber() +setAccountNumber() +getTypeOfAccount()' +setTypeOfAccount()

+getIfsc() +setIfsc()

+getBranch() +setBranch()

+getApplicantDocumentsList() +setApplicantDocumentsList() +isApprovedStatus()

+setApprovesStatus() +getReason() +setReason()

+toString()

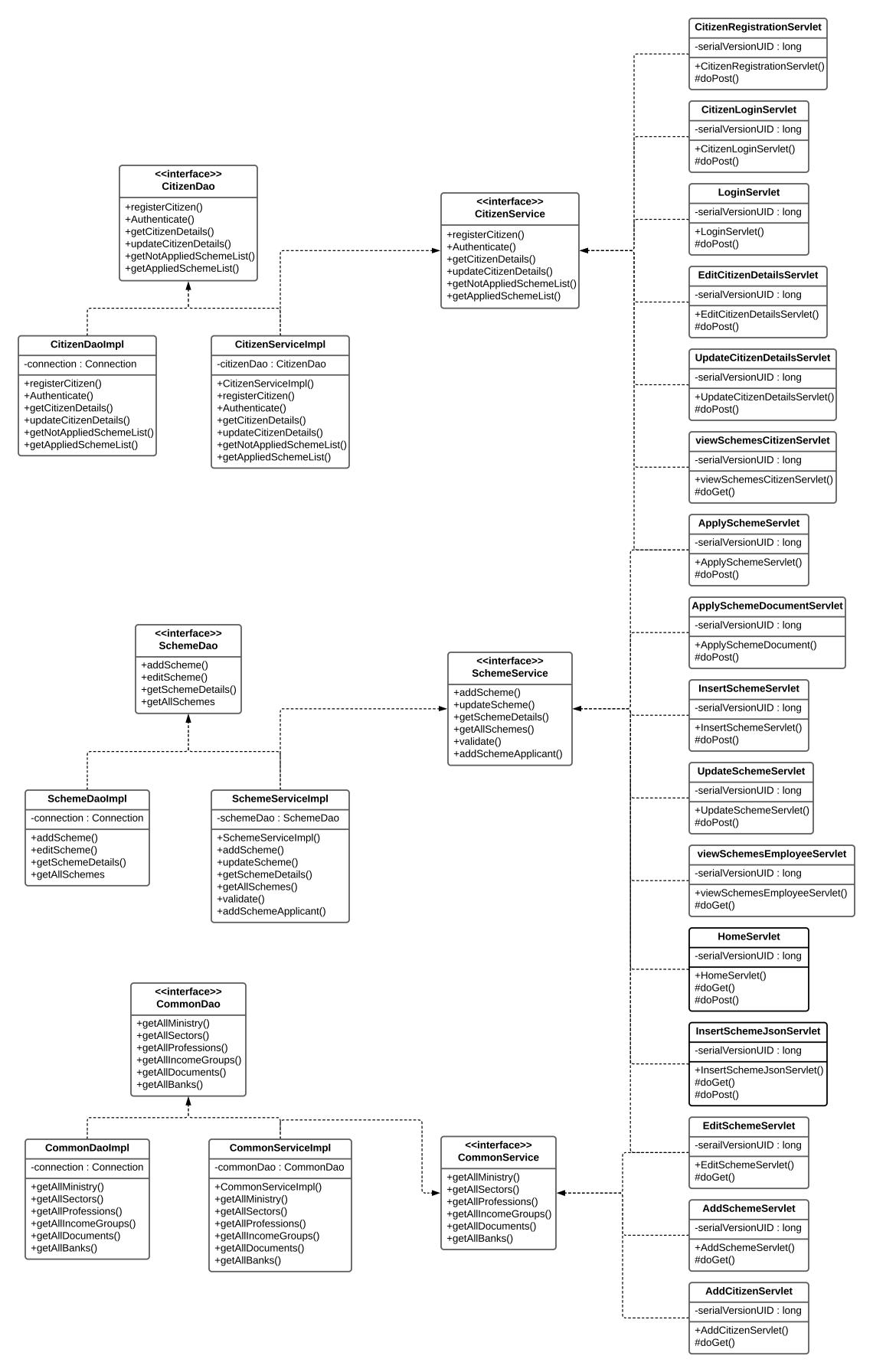
IncomeGroupVO

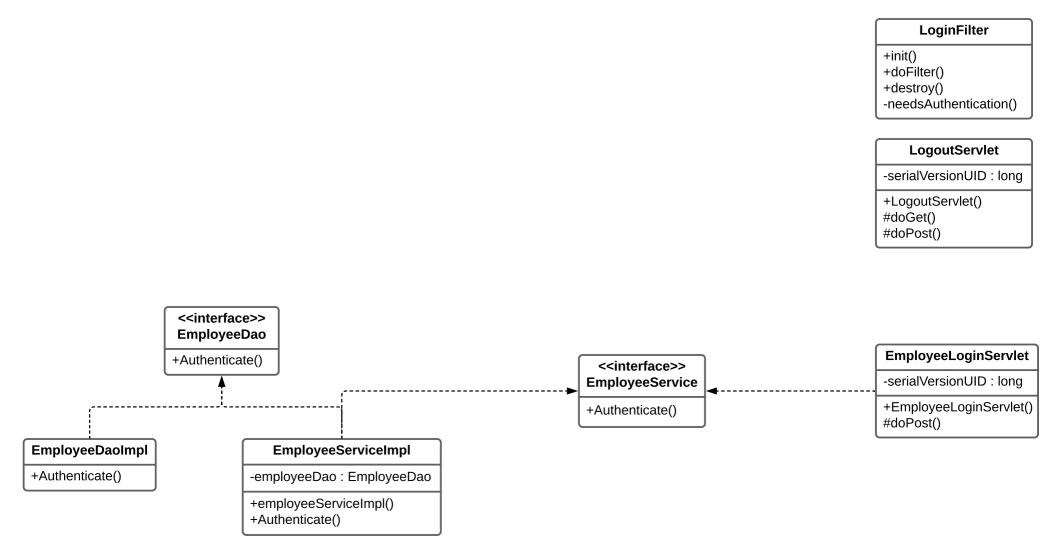
-incomeGroupId : long -incomeGroupName : String

+IncomeGroupVO() +getIncomeGroupId() -setincomeGroupid() +getIncomeGroupName()

+setIncomeGroupName() +toString() +hasgCode()

+equals()





5. USE CASE DIAGRAM:

