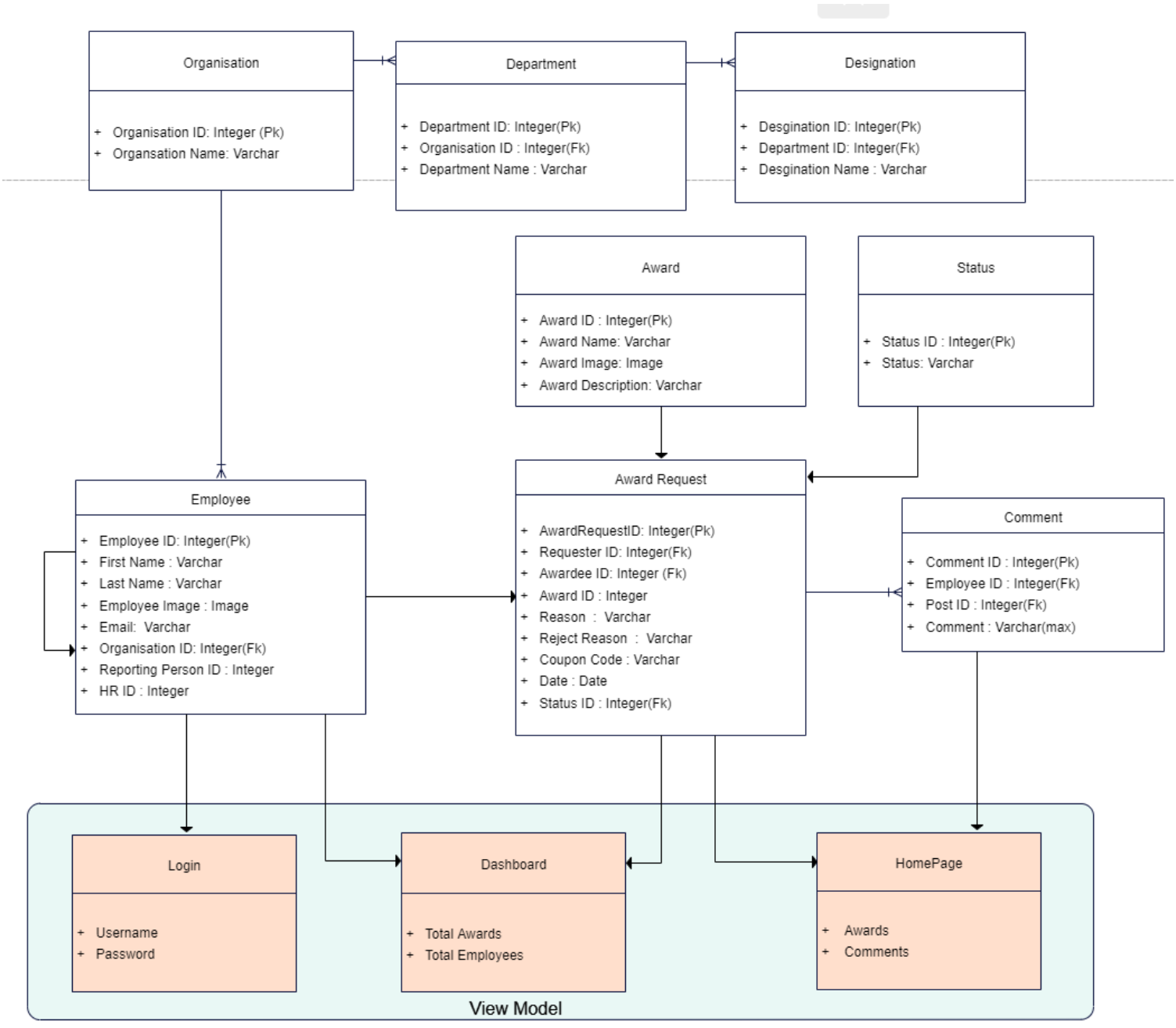
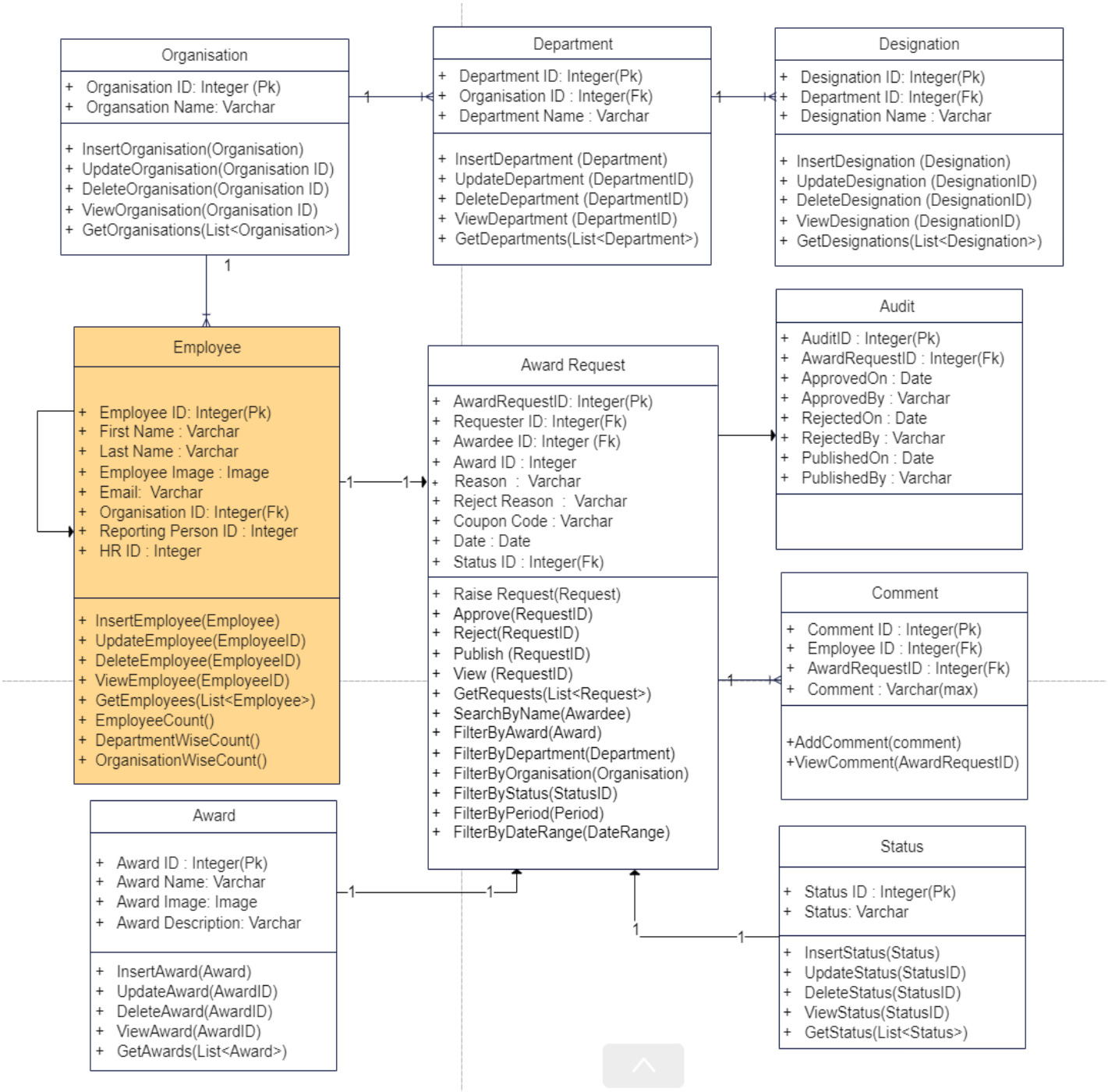
Data Models:


Organisation
+ Organisation ID: Integer (Pk)
+ Organsation Name: Varchar
Department
+ Department ID: Integer(Pk)
+ Organisation ID : Integer(Fk)
+ Department Name : Varchar
Designation
+ Desgination ID: Integer(Pk)
+ Department ID: Integer(Fk)
+ Desgination Name : Varchar
Award
+ Award ID : Integer(Pk)
+ Award Name: Varchar
+ Award Image: Image
+ Award Description: Varchar
Status
+ Status ID : Integer(Pk)
+ Status: Varchar
Employee
+ Employee ID: Integer(Pk)
+ First Name : Varchar
+ Last Name : Varchar
+ Employee Image : Image
+ Email: Varchar
+ Organisation ID: Integer(Fk)
+ Reporting Person ID : Integer
+ HR ID : Integer
Award Request
+ AwardRequestID: Integer(Pk)
+ Requester ID: Integer(Fk)
+ Awardee ID: Integer (Fk)
+ Award ID : Integer
+ Reason : Varchar
+ Reject Reason : Varchar
+ Coupon Code : Varchar
+ Date : Date
+ Status ID : Integer(Fk)
Comment
+ Comment ID : Integer(Pk)
+ Employee ID : Integer(Fk)
+ Post ID : Integer(Fk)
+ Comment : Varchar(max)
Login
+ Username
+ Password
Dashboard
+ Total Awards
+ Total Employees
HomePage
+ Awards
+ Comments
View Model

Physical Model :



Database Dictionary

Organisation:

Field Name	Data Type	Constraints	Description
OrganisationID	Integer	Primary Key	ID for each Organisation
OrganisationName	Varchar	Not Null	Name of the Organisation

Department :

Field Name	Data Type	Constraints	Description
DepartmentID	Integer	Primary Key	ID for each Department
OrganisationID	Integer	Foreign Key	ID of the Organisation in which the department comes
DepartmentName	Varchar	Not Null	Name of the Department

Designation :

Field Name	Data Type	Constraints	Description
DesignationID	Integer	Primary Key	ID for each Designation
DepartmentID	Integer	Foreign Key	ID of the Department in which the designation comes
DesignationName	Varchar	Not Null	Name of the Designation

Employee :

Field Name	Data Type	Constraints	Description
EmployeeId	Integer	Primary Key	ID for each Employee
FirstName	Varchar	Not Null	First Name of the employee
LastName	Varchar	Not Null	Last Name of the employee
EmployeeImage	Image	Not Null	Image of the employee
Email	Varchar	Not Null	Email ID of the employee
OrganisationID	Integer	Foreign Key	ID of the Organisation in which the employee comes
ReportingPersonID	Integer	Foreign Key	ID of the Employee's Reporting Person
HrID	Integer	Foreign Key	ID of the Employee's HR

Award :

Field Name	Data Type	Constraints	Description
AwardID	Integer	Primary Key	ID for each Award
AwardName	Varchar	Not Null	Name of the Award
AwardImage	Image	Not Null	Image of the Award

Status :

Field Name	Data Type	Constraints	Description
StatusID	Integer	Primary Key	ID for each Status
Status	Varchar	Not Null	Name of the Status

AwardRequest :

Field Name	Data Type	Constraints	Description
AwardRequestID	Integer	Primary Key	ID for each Award Request
RequesterID	Integer	Foreign Key	ID of the requester who raises the request
AwardeeID	Integer	Foreign Key	ID of the Awardee who gets the award
AwardID	Integer	Foreign Key	ID of the Award Which is requested
Reason	Varchar	Not Null	Reason for the Award
RejectReason	Varchar	Null	Reject reason for the Rejection
CouponCode	Varchar	Null	Coupon code for awardee
Date	Date	Not Null	Date of Request
StatusID	Integer	Foreign Key	Status of the request

Comment :

Field Name	Data Type	Constraints	Description
CommentID	Integer	Primary Key	ID for each comment
EmployeeId	Integer	Foreign Key	ID of the employee who comments for the post
AwardRequestID	Integer	Foreign Key	ID of the Award Request which post should be commented
Comment	Varchar	Not Null	Comment of the post

Audit :

Field Name	Data Type	Constraints	Description
AuditID	Integer	Primary Key	ID for each Auditing
AwardRequestID	Integer	Foreign Key	ID of the Award Request
ApprovedOn	Date	Null	Date of approval
ApprovedBy	Varchar	Null	Name of the Person who approved the request
RejectedOn	Date	Null	Date of rejection
RejectedBy	Varchar	Null	Name of the Person who rejected the request
PublishedOn	Date	Null	Date of Publishing
PublishedBy	Varchar	Null	Name of the Person who Published the award

Modules:

Admin Module:

In this admin module, admin can manage and view all the details of the employee, awards, organizations and departments.

Requester Module:

In this module, the requester (reporting person of the employee) can raise the request to the approver and nominate the employee.

Approver Module:

In this module, the approver verifies the reason for nominating the employee and approves the raised request.

HR Module:

In this module, HR generates a coupon for the awardee and also sends the award confirmation mail to the awardee.

Public Module:

In this module, the public (all the employee within the organization) view awards and achievements of all employee and they should login to comment on the post.

Features:

Dashboard:

Dashboard can be viewed by Higher officials. It Shows the overall statistics of Award.

Admin Dashboard:

Dashboard can be viewed by admin. It Shows the overall statistics of employee.

Request:

Request can be raised only by the requester i.e., reporting person of the awardee. The request is raised with the employee details.

Approval:

Approval can be done only by the approver i.e., higher authority than the requester.

Publish:

Awards can be published by the HR only after applying coupon code for the approved awardee.

Comment:

All the Public can comment on the posts only after they login.