Database Architecture

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## **Tables**:

1. Login
2. Roles
3. Employee
4. BudgetRequests
5. Status
6. DocumentsUploaded

# **Attributes List for the Above-Mentioned Tables:**

Login:

1. Id: Int
2. EmployeeId: Int
3. RoleId: Int
4. UserName: Varchar
5. Password: Varchar
6. IsActive: Boolean
7. CreatedBy: Varchar
8. CreatedOn: Datetime
9. UpdatedOn: Datetime
10. UpdatedBy: Varchar

Roles:

1. Id: Int
2. RoleId: Varchar
3. RoleName: Varchar
4. CreatedBy: Varchar
5. CreatedOn: Datetime
6. UpdatedOn: Datetime
7. UpdatedBy: Varchar

Employee:

1. Id: Int
2. EmployeeId: Varchar
3. EmployeeName: Varchar
4. DesignationName: Varchar
5. DesignationId: Int
6. ManagerId: Int
7. DateOfJoining: Datetime
8. ContactNo: Varchar
9. EmailId: Varchar
10. DateOfBirth: Datetime
11. Address: Varchar
12. CreatedBy: Varchar
13. CreatedOn: Datetime
14. UpdatedOn: Datetime
15. UpdatedBy: Varchar

BudgetRequests:

1. Id: Int
2. RequestId: Varchar
3. RequestName: Varchar
4. Purpose: Varchar
5. Description: Varchar
6. EstimatedCost: Decimal
7. SpentAmount: Decimal
8. AdvanceAmount: Decimal
9. RaisedBy: Varchar
10. RaisedTo: Varchar
11. RaisedOn: Datetime
12. Comments: Varchar
13. AccpetOrRejectedOn: Datetime
14. EscaltionRefReqId: Int
15. EscalatedOn: Datetime
16. Status: Int
17. CreatedBy: Varchar
18. CreatedOn: Datetime
19. UpdatedOn: Datetime
20. UpdatedBy: Varchar

Status:

1. Id: Int
2. StatusId: Int
3. StatusName: Varchar
4. CreatedBy: Varchar
5. CreatedOn: Varchar
6. UpdatedOn: Varchar
7. UpdatedBy: Varchar

DocumentsUploaded:

1. Id: Int
2. DocID: Int
3. RefReqId: Varchar
4. UploadedBy: Varchar
5. UploadedOn: Datetime
6. UpdatedOn: Datetime
7. UpdatedBy: Varchar

# 

# **Database Architecture Design**

|  |
| --- |
| Budget Requests |
| Id (PK) |
| RequestId(Unique) |
| RequestName |
| Purpose |
| Description |
| EstimatedCost |
| SpentAmount |
| AdvanceAmount |
| RaisedBy |
| RaisedTo |
| RaisedOn |
| Comments |
| AccpetOrRejectedOn |
| EscaltionRefReqId |
| EscalatedOn |
| Status |
| CreatedBy |
| CreatedOn |
| UpdatedBy |
| UpdatedOn |

|  |
| --- |
| Roles |
| RoleId(PK) |
| RoleName(Unique) |
| CreatedBy |
| CreatedOn |
| UpdatedOn |
| UpdatedBy |

|  |
| --- |
| Login |
| Id (PK) |
| EmployeeId |
| RoleId |
| UserName(Unique) |
| Password |
| IsActive |
| CreatedBy |
| CreatedOn |
| UpdatedBy |
| UpdatedOn |

FK

|  |
| --- |
| Employee |
| Id (PK) |
| EmployeeId(Unique) |
| EmployeeName |
| DesignationName |
| DesignationId |
| ManagerId |
| DateOfJoining |
| ContactNo |
| EmailId(Unique) |
| DateOfBirth |
| Address |
| CreatedBy |
| CreatedOn |
| UpdatedOn |
| UpdatedBy |

|  |
| --- |
| Status |
| StatusId(PK) |
| StatusName(Unique) |
| CreatedBy |
| CreatedOn |
| UpdatedOn |
| UpdatedBy |

|  |
| --- |
| DocumentsUploaded |
| Id(Pk) |
| DocId(Unique) |
| RefReqId |
| UploadedBy |
| UploadedOn |
| UpdatedBy |
| UpdatedOn |

FK

FK

FK

FK

FK

Note: Attributes marked in the curly braces are just Implemented as placeholders. Will be useful, If Application developed further.