Department Table

- Department_Id(int, primary key, identity)
- Department_Name(nvarchar)
- HOD_ID(int, foreign key)

Employee Table

- Employee_ID(int, primary key, identity)
- First Name(nvarchar, not null)
- Last Name(nvarchar, not null)
- Email(nvarchar, unique, not null)
- HashedPassword(nvarchar, not null)
- Gender(varchar)
- Address(nvarchar)
- Department_ID(int, foreign key)
- Digital_Signature_ID(int, foreign key)
- Designation_id(int, foreign key)
- Manager_Id(int,)
- Work Hours(time)
- Is_Admin(binary)

If in admin roles would be there then new table is required

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Designation Table

- Designation_Id(int, primary key, unique)
- Employee_Id(int, foreign key)
- Designation_Name(nvarchar)
- Manager_Id(int, foreign key, null)

Departmental Files Table

- File_Id(int, primary key, identity)
- File_Name(nvarchar, not null)
- File_Data(varbinary, not null)
- Created_on(datetime, not null)
- Created_By(varChar, foreign key, not null)
- Department_ID(int, foreign key, not null)
- Signed_by_uploader(binary, default 0)
- Document_Type(int, foreign key)
- No_of_signature_done(int, default 0)
- Is_Signed_By_All(int, default 0)
- REMARKS NVARCHR

Digital Signature Table

- Digital_Signature_ID(int, primary key, identity)
- File_Name(nvarchar)
- FileData(varbinary(max), null)
- CreatedOn(Datetime, default date.now())
- Created_By(int, foreign key)

Document Type Table

- Document_Type_Id(int, primary, key, identity)
- Type_Name(nvarchar)
- No_Of_Signature_Required(int, not null)

File Signature Table

- File_Id(int, foreign key)
- User_ID(int, foreign key)
- Signed_on(datetime)
- Status(binary, default 0)
- Primary key(File_Id, User_Id)

The status can be descriptive, then new table is needed

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