

Employee Logical Model

EmployeeHistory		
PK	EmploymentID	varchar(10)
FK	EmployeeID	varchar(10)
	DateOfEmployment	Date
FK	DesignationID	varchar(10)
FK	LocationID	varchar(10)
	IsActive	Boolean
	CreatedById	varchar(10)
	CreatedOn	Datetime
	UpdatedByID	varchar(10)
	UpdatedOn	Datetime

EmployeeAttendance		
PK	EmployeeAttendanceID	varchar(10)
FK	EmployeeID	varchar(10)
	Date	Date
	LoginTime	Time
	LogoutTime	Time
	IsActive	Boolean
	CreatedById	varchar(10)
	CreatedOn	Datetime
	UpdatedByID	varchar(10)
	UpdatedOn	Datetime

Employee		
PK	EmployeeID	varchar(10)
	EmployeeName	varchar(50)
FK	DepartmentID	varchar(10)
FK	DesignationID	varchar(10)
	PresentAddress	varchar(100)
	PermanentAddress	varchar(100)
	Email	varchar(50)
	OptionalPhoneNumber	varchar(20)
	DateOfBirth	Datetime
	NID	varchar(20)
	FatherName	varchar(50)
	FatherPhoneNumber	varchar(20)
	MotherName	varchar(50)
	MotherPhoneNumber	varchar(20)
	ReferenceName	varchar(50)
	ReferencePhoneNumber	varchar(20)
	PassingYearSSC	int(4)
	PassingYearHSC	int(4)
	PassingYearBSc	int(4)
	BScGrade	float(4,2)
	IsActive	Boolean
	CreatedById	varchar(10)
	CreatedOn	Datetime
	UpdatedByID	varchar(10)
	UpdatedOn	Datetime

Locations		
PK	LocationID	varchar(10)
FK	DepartmentName	varchar(10)
	DepartmentInitial	varchar(10)
FK	DesignationID	varchar(10)
	IsActive	Boolean
	CreatedById	varchar(10)
	CreatedOn	Datetime
	UpdatedByID	varchar(10)
	UpdatedOn	Datetime

Departments		
PK	DepartmentID	varchar(10)
	DepartmentName	varchar(10)
	DepartmentInitial	varchar(10)
FK	DesignationID	varchar(10)
	IsActive	Boolean
	CreatedById	varchar(10)
	CreatedOn	Datetime
	UpdatedByID	varchar(10)
	UpdatedOn	Datetime

Designations		
PK	DesignationID	varchar(10)
	DesignationName	varchar(10)
	DesignationInitial	varchar(10)
	IsActive	Boolean
	CreatedById	varchar(10)
	CreatedOn	Datetime
	UpdatedByID	varchar(10)
	UpdatedOn	Datetime

