Employee Logical Model

EmployeeHistory

	Column	Type
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

Employee

	Column	Type
PK	EmployeeID	varchar(10)
	EmployeeFirstName	varchar(50)
	EmployeeLastName	varchar(50)
FK	DepartmentID	varchar(10)
FK	DesignationID	varchar(10)
FK	LocationID	varchar(10)
	District	varchar(50)
	AreaName	varchar(50)
	Email	varchar(50)
	RoadNo	varchar(10)
	HouseNo	varchar(10)
	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
	UpdatedOn	Datetime
	UpdatedByID	varchar(10)

EmployeeAttendance

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

Locations

	Column	Type
PK	LocationID	varchar(10)
	District	varchar(50)
	Area	varchar(50)
	DepartmentInitial	varchar(10)
	Road	varhar(10)
	IsActive	Boolean
	CreatedById	varchar(10)
	CreatedOn	Datetime
	UpdatedByID	varchar(10)
	UpdatedOn	Datetime

Departments

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

Designations

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