Employment-Agreement-Management-System

Database Schema Design

Parameters	Data Type	Description
AgreementID	uniqueidentifier	A globally unique identifier for each employment agreement (Primary Key).
EmployeeName	nvarchar(100)	Full name of the employee. Supports international characters due to nvarchar.
Gender	char(1)	Gender of the employee. Stored as a single character: 'M' (Male), 'F' (Female), 'O' (Other).
DateOfBirth	date	The birth date of the employee.
Role	varchar(50)	Job title or position of the employee within the company.
StartDate	date	The official start date of employment.
EndDate	date	The official end date of employment (nullable if the contract is indefinite).
Salary	decimal(18,2)	Annual salary offered to the employee. Uses decimal for precision with two decimal places.
Terms	text	Detailed terms and conditions of the employment agreement.
Department	varchar(50)	Department where the employee will be assigned.
ManagerID	uniqueidentifier	Unique identifier of the employee's manager (Foreign Key referencing Manager table).
IsActive	bit	Status flag indicating if the employment agreement is active (1 for active, 0 for inactive).
ContactNumber	varchar(15)	Employee's contact phone number. Supports country codes and extensions.
EmailAddress	varchar(100)	Employee's work email address.
Address	nvarchar(200)	Residential address of the employee. Supports international characters and addresses.
EmergencyContact	nvarchar(100)	Name of the person to contact in case of emergency.