Maintenance Website Database Design

1. **Login Table:** This table used for login

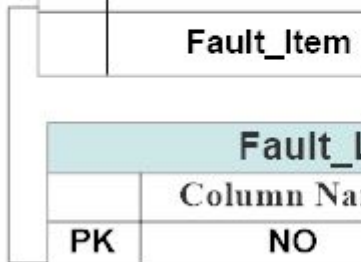| Login		
	Column Name	**Data Type**
	UserID	varchar(50)
	Password	varchar(50)

2. **Fault Item , Fault Location Table :** In this one table is fault item and another table is fault location
   - Fault item include No, Fault_Item
   - Fault Location include No, Fault_Location
   - Fault item display based on selection of fault location with use of primary key and join two table

Fault_Item		
	Column Name	**Data Type**
FK	NO	nvarchar(50)
	Fault_Item	nvarchar(200)

Fault_Location		
	Column Name	**Data Type**
PK	NO	nvarchar(50)
	Fault_Location	nvarchar(50)

3. **Machine Details Table:** This table include Machine No. Machine Name , Asset No

Machine_Details		
	Column Name	Data Type
	MachineNo	varchar(50)
	MachineName	varchar(50)
	AssetNo	varchar(50)

4. Maintenance Employee ID Table: This table include Maintenance Unit and Employee Name

Maintenance_EmployeeID		
	Column Name	Data Type
	Maintenance_Unit	nvarchar(50)
	EmployeeName	nvarchar(125)

5. Application Form Table: This table used for application form record entry

Application_Form		
	Column Name	Data Type
PK	Application_No	Varchar(50)
	Unit	Varchar(50)
	Section	Varchar(50)
	Date	Varchar(50)
	Machine_No	Varchar(50)
	Machine_Name	Varchar(50)
	Asset_No	Varchar(50)
	Fault_Start Time	Varchar(50)
	TotalTimeOfFailure	Varchar(50)
	Fault_Location	Varchar(50)
	Fault_Item	Varchar(50)
	Fault_Situation	Varchar(50)
	Fault_Distinction	varchar(200)
	Cause_Of_Fault	varchar(200)
	Repair_Time1	datetime2(7)
	Repair_Time2	datetime2(7)
	Processing_Method	nvarchar(100)
	Description	nvarchar(200)
	Maintainer_ID	nvarchar(100)
	Time_Wage	nvarchar(50)
	Part_No	nvarchar(100)
	Part_Name	nvarchar(100)
	Specification	nvarchar(125)
	Last_Replacement_Date	datetime2(7)
	Maintenance_Unit	nvarchar(50)