plcTcpConnection

PK	plcID (Unique Int)
	Ip Address (String)
	port number (Int)
	plc name (String)

Human Entry
Configuration

plcAddress

PK	plcDataAddrID(UniqueInt)
FK	plcID
	holdingRegisterNumber(Int)
	ReadRegisterCount (Int)
	registerType (String)
	deviceName (String)
FK	unitID

Human Entry
Configuration

DataTable

PK	DataID(UniqueInt)
FK	plcDataAddrID
FK	ShiftID
	DataValue (Float)
	AlarmStatus (Boolean)
	dateTime(. DateTIme)

Plc Data Entry

ShiftTable

PK	ShiftID (Unique Int)
	StartShiftTIme(Time)
	EndShiftTime(Time)
	ShiftNumber(INT)

Human Entry
Configuration

UnitTable

PK	UnitID (Unique ID)
	UnitName (String)
	UnitConversionFactor(Float)

Human Entry
Configuration

UserManagement

PK	UserID (Unique Int)
	Username (String)
	PassWord (String)
FK	UserLevelId

UsersLevel

PK	UserLevelID (Unique Int)
	LevelName (String)
	UserLevelPriority (short Int)