Record Elec	ctricity Blockchain DB
	System
ElectrcityUse: int	
recordTime: datetime	
currentMonthlyRate: double	
discountedRate: double	
Timer: double	
finalCost: double	
The System will read in the Time that the electricity was used will calculate it using the current monthly rate - the discounter This value will be stored as a final cost, which is then sent to two can assume that to keep the logs unique for each instance.	d.
Data is sent to Database to be stored for record	Timer sends timestamp to prompt the system to calculate the usage  The data values are sent over to the database for storage
Server: TTUModeling Database:SmartHome	Timer
Table:ElectricityUse ctricityUse: int	
ordTime: datetime	Timer: double
entMonthlyRate: double	The Timer is prompted to record and send over the Electricity time use to the system.
ountedRate: double	<u> </u>
er:double	
Cost: double	Execute resetTimer Stored Procedure to reset timer for next instance
ed Procedure: resetTimer	
e the data is stored, the database needs to execute ored procedure in order to reset the timer for the next instance ectricity usage.	