Script

Intro

**Statement of the Problem**

This study aims to develop web-based electricity consumption specially it seeks to answer the following;

1. What is the existing process?
2. What are the problems encountered in the existing system?
3. What are the features of the proposed system?

**Objectives of the study**

1. To develop (a web-based electricity consumption that will help the costumers of SORECO to compute their own electricity watts consumption).
2. To know the difficulties encountered by corporation employees in computation of consumption using the existing system.
3. To determine the features of the system.

**Scope and delimitation**

This study focuses on energy consumption calculators that make it easier for the customers to figure out how much electricity will require to run various electrical gadgets and appliances. And assist in reducing energy bills. Elegant and simple method for estimating power consumption in units and cost for each appliance. And also, focuses to the advisory and downloadable documents of the electricity corporation, so that customers can also know how they can use the system correctly. And important information is also included for new updates on the increase in electricity or anything else consumers should know. This system will be using a database for employee of corporation so that they can manage it.

We delimit the payment of the customer’s monthly bills; hence the coverage of our system is only for SORECO I.

**Conceptual Design**

In figure 3.7 the researcher used conceptual is this study to see the concepts, information and processing strategy for Web-based Electricity Consumption Appliances (SORECO 1).

**Context Flow Diagram**

The context Flow Diagram shows the context diagram of our proposed system. It identifies the flows of information between the system external entity and shows the processes between the Web-Based Electricity Consumption of Appliances.

**Data flow Diagram**

This figure 10 shows how the systems are divided into sub system (process), each of which deals with one or more of the data flows, and which together provided all the functionality of the system.

**Use Case Diagram**

In figure 3.8 the use Case Diagram was a representation of user’s interaction with the system.

**Sequence Diagram**

This figure 3. 12 showed the diagram on hoe the user used the system using the sequence model. In this case the admin can access all in system and only admin can add another feature.

**Entity Relation Diagram**

This figure 3. 11shows the ERD which data modelling technique that graphical illustrated. It is an information system and the relationship between those entities. ERD is a conceptual and representational model data use to represent the entity framework infrastructure.