CHAPTER I
INTRODUCTION

1.1 Background

Every day almost all people use electricity.

but often times the users of household electricity not know how to manage electricity consumption, so here I make Pulse Power Consumption Prediction Program to make it easier to manage or find out more details of prices and price calculations to include a list of tools in the database. In this program I use the method of Math and Standard Deviation for predicting electricity usage.

1.2 Scope

This project is created with PHP language programming, using various array data structure. Distance algorithm is used as a main Method. such as :

Matchematic and Standart Deviation is used as a supportive method.

Problem Limitation on this project are:

1. The input data to database.

2. The input graph in program .

1.3 Objective

This program can predict the total power consumption in a matter of weeks and can show the comparison of electricity usage in graphical form so that we can see the comparison of electricity usage in a few weeks.