

CHAPTER 1: Introduction

1.1 Project Context

The Solar Power Specification System is a web based system designed to assist JRV solar's retail store, who currently uses Excel in storing their data and inventory checklist of items.

1.2 Purpose & Description

This paper aims to create an easier way in taking note of items in the JRV solar retail store, as well as help potential customers in choosing their favoured solar package. Beneficiaries of this paper includes, but are not limited to, the owner of the system and company, the engineers and technicians of the company, and the people who will potentially use the system in creating their own customized solar quotation for their present and/or future home.

1.3 Objectives

The Solar Power specification system aims to give the users an easier way in finding solar specific items and creating their custom solar package. It also aims to help the owner of the company organize their components, suppliers, packages, etc. as an additional inventory system.

1.4 Scope and Limitations

The manager needed a system that would benefit both him/her, the staff and the customers in regards to creating quotations in the conversion of conventional power to a solar powered house, as well as keeping track of the inventory of the solar parts required for said quotations.

Therefore, the Solar Power Specifications System would have the ability to allow future buyers to see the needed products for the conversion of their energy source according to their budget and monthly kilowatt hour. This system intends to ensure that the customer will know the minimal products that would be needed, also giving the ability for them to make their own custom system in powering their homes, as well as to optimize the automation of the quotation process.