

36

**A Report submitted in partial fulfillment
Of the regulations governing the award of
The Degree of
BSc (Honours) Computing for Business
At Northumbria University at Newcastle**

Project Report

Decision Support System

Prepared by

Puvana D/O Rajendran

1000410829

Supervised By

Mr. Chong Fatt Fei

Second Marker

Ms. Josephine Chee

ABSTRACT

Sales Analysis System is able to make collection of useful data about our clients, hotels, bookings & reservations made by administrators for analyzing, and forecasting sales made from our contracted hotels around Malaysia to our overseas tour operators. The system is able to generate MIS reports on the amount of sales and the number of bookings made on daily and monthly periodic basis. The DSS is able to crunch all these data and make prediction of past, current and future sales information that are useful for the manager(s) of SADSS Tour for alternative decision making. The system is also able to make estimation on how much income/profit that Company could make during the current year based on the current mark-up value. The mark-up value is to show how much profit margin can be earned by Company. The manager can enter the mark up value and the system can generate the estimated sales profit margin.

The new suggested system will upgrade the current manual system based system that only limit to some issues.

The additional decision support system in this proposed system is specially designed to track some cases that caused inconvenience. This is to streamline the tasks and cut-off the unnecessary overheads.