**SYNOPSIS OF THE PROJECT**

**Introduction**

The project guides us through what a hotel management system may look like. It is an attempt to make available the underlying source code of the functionality of a hotel management system. The hotel management system is an extremely important part of any hotel, because managing data in a hotel is not only very important but can also be cumbersome. Thus for any hotel to function properly a hotel management software is needed so that the extensive amount of data that has to be maintained is not only maintained but is easily available whenever needed, that is it should be user friendly as well as show minimal error.

This project is an attempt towards creating a successful hotel management system and it makes the understanding of a hotel management system easier by providing the source code.

**Brief Outline**

The project is as above mentioned a study of the hotel management system. The project provides an inside view of how the hotel management software works. The hotel management software provides customer check in and check out details along with the total expenses incurred by them during their stay and generates it in form of a bill. The check in and check out details are stored in a known database from which it can be quickly retrieved whenever required. The project assigns every customer checking a different room with a unique customer code known as gcode and thus the project looks after the fact separate rooms are given to different customers without a room being repeated. The customer can also use different facilities provided by the hotel and information as well as provision have been made for these miscellaneous facilities. Data reports have been provided for customer as well as employee details which provide an even better interaction of the user with the software. The project can easily store data from the forms in which it has been entered to a database. The project has also taken into consideration the fact that customer may want to leave the hotel before the booking period of extend his trip after the booking period. The customer’s bill includes all details of the facilities used by him in the hotel as well as his room charges and the taxes. The project also provides the details of employees working for the particular group of hotels which can be accessed by the employee according to his or her use.