**REQUIREMENT ANALYSIS DOCUMENT (RAD):**

* + **Purpose of the system:**

The sole purpose of creating a villa management system is to overcome the fallacies that arise in the manual registration system of a booking firm where human error may be a big cause of financial culpability, that might in longer terms adversely threat the overall business of the firm.

* + **Scope of the system:**

The VMS project is intended to for the reservations of rooms and the deliverance of timely meals for the stay-in guests. It will be able to operate the various aspects of operations that are conducted in a tourism based villa. The management system will consist of a database that will keep the bookings recorder. Customers will be able to check rooms’ availability select their desired types of rooms and then obviously pay for them through their desired means ( cash or card ).Manager will be able to update or modify the booking details & and will be able to update the room info such as cost and category. The automation will help eradicate the drawbacks that used to come handling the bulky huge files having large customer information. Security of data, quick reservations & swift retrieval of information will be the sheer advantages of our project.

* **Success criteria of the system:**

**Real-time reporting and business intelligence**, **quality system integrations,** **data security,** **ability to sell and market to guests efficiently,** **pricing Intelligence;** A leading hotel management system should provide a platform that will help you monitor your comp-set in real-time. This includes the ability to be notified of pricing increases or decreases.

USE CASE DIAGRAM



Sequence diagram:

