

PROJECT REPORT

Resort Management System

SUBMITTED TO:

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ABSTRACT

Resort Management System project main idea is to develop an online web portal for automation of resort booking system and to create a scope for visiting tourists from different geographic locations. This application will help to improve services for tourists and also improve revenue source for resorts management.

In existing system manual work is used where tourists should contact through phone and know the details about availability of rooms and locations to view at that area. As the usage of internet had increased developing web portal will be helpful and atomized. This application consists of the following modules:

Admin Module

This module provides the details of the duties maintained by admin in the system.

- Add Room Details

- Add Packages

- Add Food Items

- Add Employee Details

Staff Module

This module consist of:

- Room Booking Details

- Package Availability Details

- Billing

- Booking Cancellation

User Module

The user has the following privileges:

- Viewing the Detailed Information about Rooms and Packages

- Register

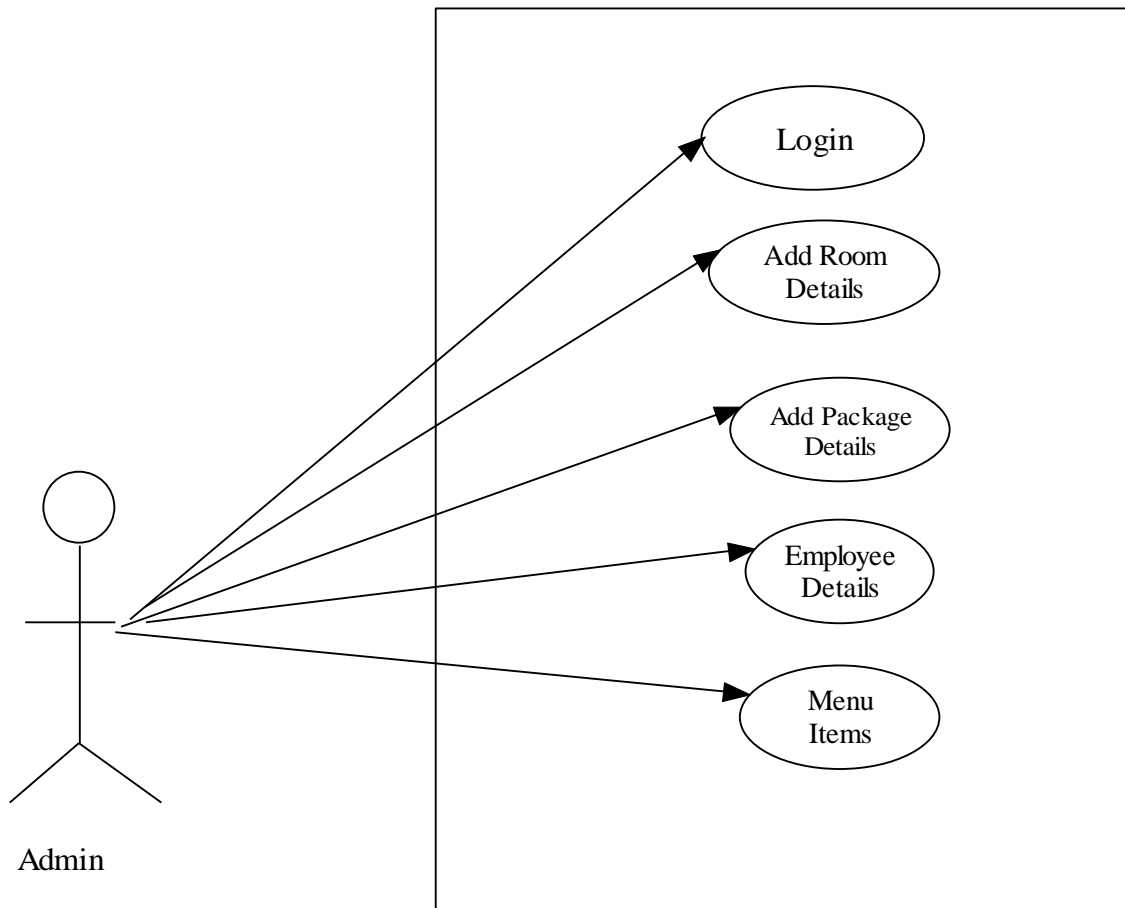
- Booking

Google API

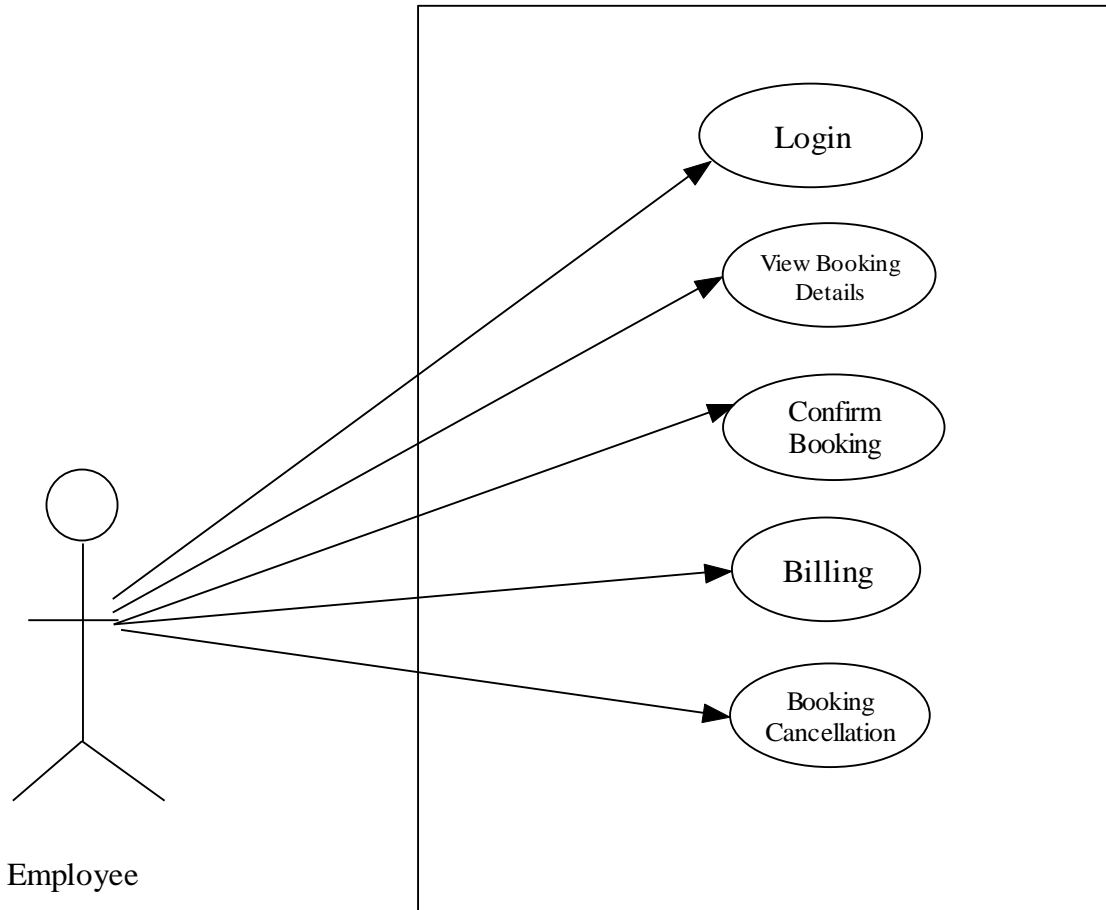
The Google API used in the system is Google Map for finding the location of the resort by user.

USECASE DIAGRAMS

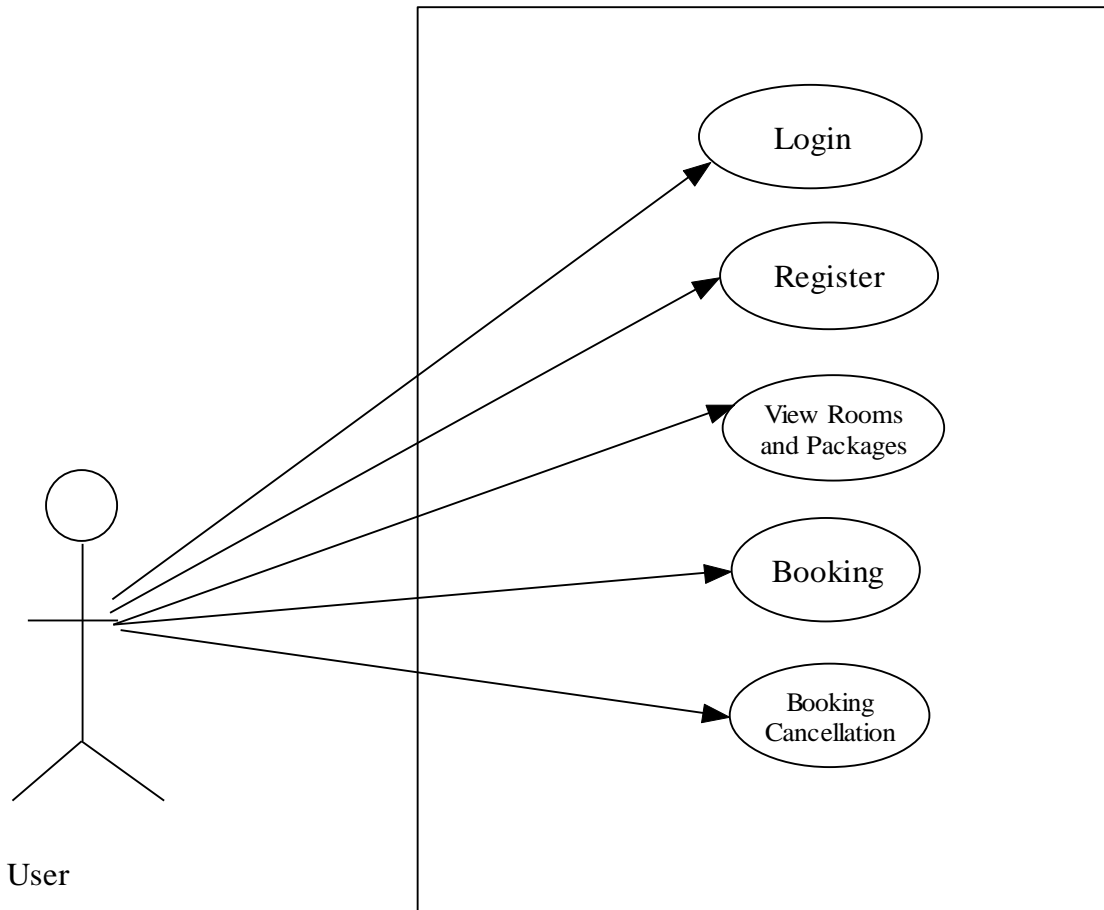
Use case for Admin



Use case for Employee

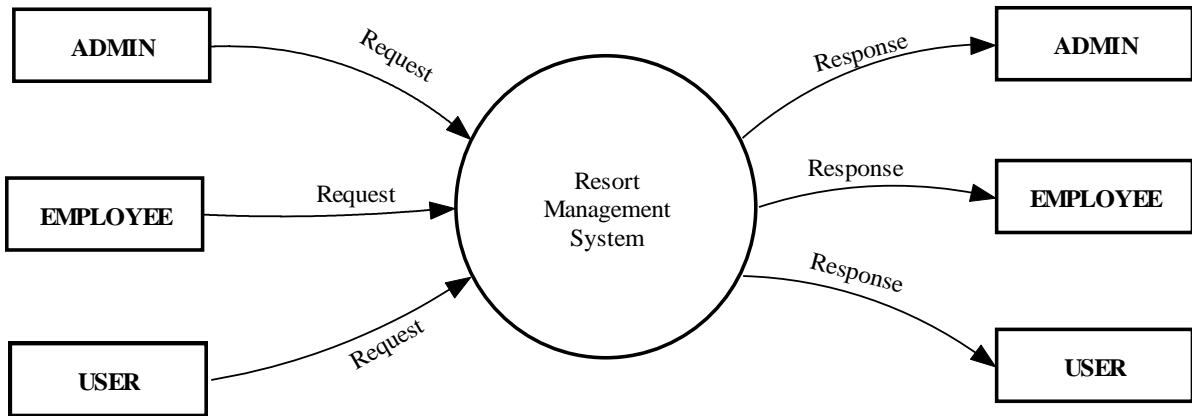


Use case for User

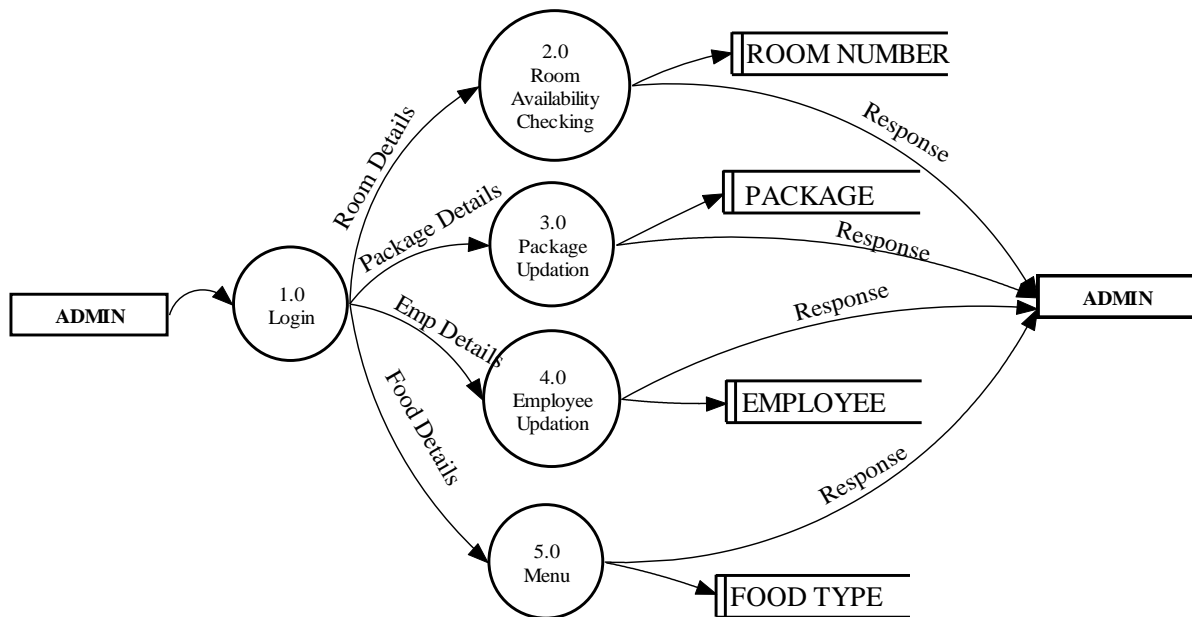


DATA FLOW DIAGRAM

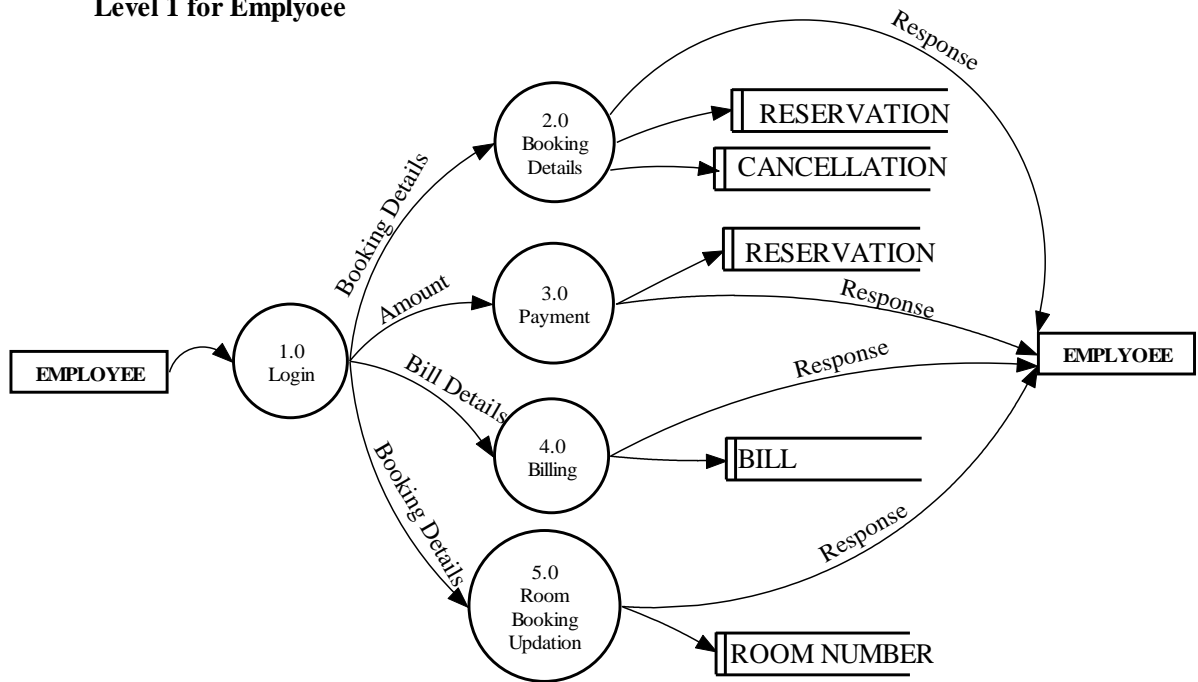
CONTEXT LEVEL



Level 1 for Admin



Level 1 for Employee



Level 1 for User

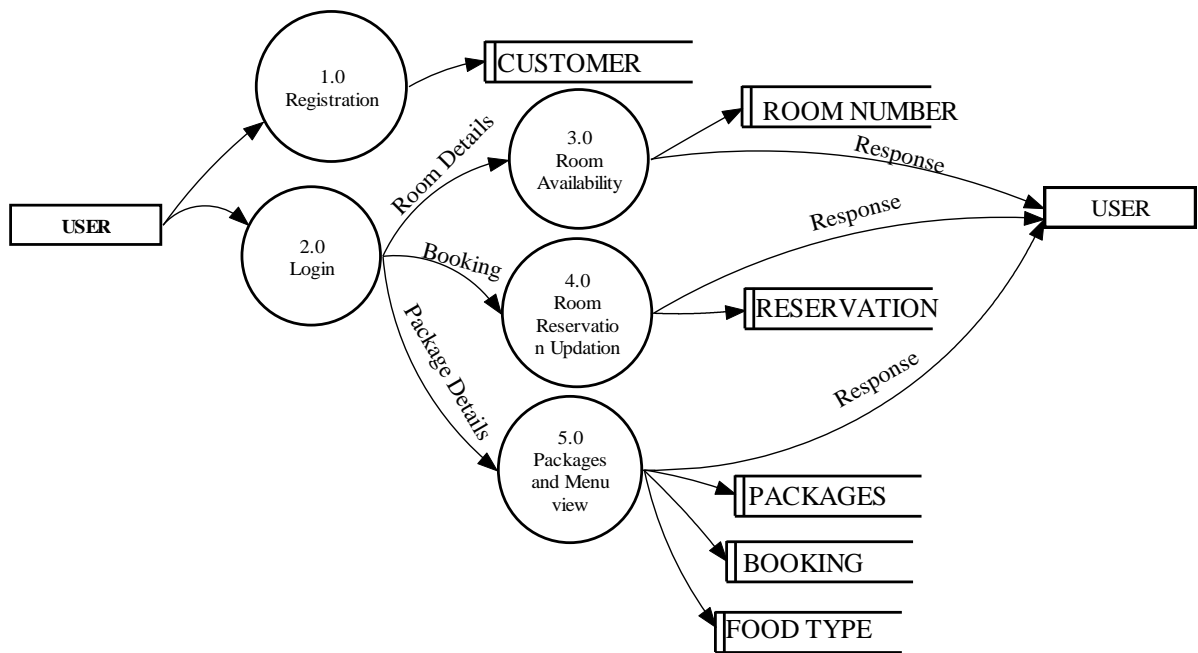


TABLE DESIGN

Table 1: Room Type**Primary Key: Rid**

FIELD	DATA	DESCRIPTION
Rid	Varchar	Room Id
Rtype	Varchar	Room Type
Rate	Numeric	Room Rate

Table 2: Room Number**Primary Key: Rno****Foreign Key: Rid**

FIELD	DATA	DESCRIPTION
Rno	Numeric	Room Number
Rid	Varchar	Room Id
Status	Varchar	Room Status

Table 3: Country**Primary Key: Cntid**

FIELD	DATA TYPE	DESCRIPTION
Cntid	Varchar	Country Id
Country	Varchar	Country

Table 4: State**Primary Key: Stid****Foregin Key: Cntid**

FIELD	DATA TYPE	DESCRIPTION
Cntid	Varchar	Country Id
Stid	Varchar	State Id
State	Varchar	State

Table 5: District**Primary Key: Dtid****Foregin Key: Cntid, Stid**

FIELD	DATA TYPE	DESCRIPTION
Dtid	Varchar	District Id
Dist	Varchar	District
Stid	Varchar	State Id
Cntid	Varchar	Country Id

Table 6: Employee**Primary Key: Eid****Foreign Key: Cntid, Stid, Dtid**

FIELD	DATA TYPE	DESCRIPTION
Eid	Varchar	Employee Id
Ename	Varchar	Employee Name
Address	Varchar	Address
Place	Varchar	Place
Dtid	Varchar	District Id
Phn	Numeric	Phone
Email	Varchar	Email
Des	Varchar	Designation
Salary	Numeric	Salary
Uname	Varchar	User Name
Pwd	Varchar	Password
Pic	Varchar	Photo

Table 7: Package**Primary Key: Pid**

FIELD	DATA TYPE	DESCRIPTION
Pid	Varchar	Package Id
Pname	Varchar	Package Name
Price	Numeric	Price
From	Date	Issued Date
To	Date	Closing Date
Details	Varchar	Details

Table 8: Food**Primary Key : Fid**

FIELD	DATATYPE	DESCRIPTION
Fid	Numeric	Food Id
Ftype	Varchar	Food Type
Fdname	Varchar	Food Name
Fdes	Varchar	Food Description
Rate	Numeric	Food Rate
Status	Numeric	Food Status

Table 9: Bill**Primary Key: Bno****Foreign Key: Rno**

FIELD	DATA TYPE	DESCRIPTION
Bno	Numeric	Bill Number
Rno	Numeric	Room Number
Bill	Varchar	Bill Type
Bitem	Varchar	Bill Item
Bdate	Date	Bill Date
Amnt	Numeric	Bill Amount

Table 10: Reservation**Primary Key: Rvno****Foreign Key: Rno, Cid, Pid**

FIELD	DATA TYPE	DESCRIPTION
Rvno	Numeric	Reservation Number
Rno	numeric	Room Number
Pid	Varchar	Package Id
Cid	Varchar	Customer Id
Nmales	Numeric	Number of Males
Nfemale	Numeric	Number of Females
Rdate	Date	Reservation Date
Days	Numeric	Days Required
Tamnt	Numeric	Total Amount
Amnt	Numeric	Advance Amount
Staus	Varchar	Room Status
Balance	Numeric	Balance Amount

Table 11:Booked Room Data**Primary Key: Rvno****Foreign Key: Rno, Rdate**

FIELD	DATA TYPE	DESCRIPTION
Rvno	Numeric	Reservation Number
Rno	Numeric	Room Number
Rdate	Date	Reservation Date
Status	Varchar	Room Status
Adate	Date	Allocation Date
Anumber	Numeric	Allocation Number
Ckdate	Date	Check In Date
coutdate	Date	Check Out Date

Table 12: Customer**Primary Key: Cid****Foreign Key: Stid, Cntid**

FIELD	DATA TYPE	DESCRIPTION
Cid	Numeric	Customer Id
Fnmae	Varchar	First Name
Mname	Varchar	Middle Name
Lname	Varchar	Last Name
Address	Varchar	Address
City	Varchar	City
Stid	Varchar	State Id
Cntid	Varchar	Country Id
Phn	Numeric	Phone Number
Email	Varchar	Email
ID	Varchar	Id Type
IDNum	Varchar	Id Number
Uname	Varchar	Username
Pwd	Varchar	Password

Table 13: Cancellation**Primary Key: Cnno****Foreign Key: Rvno**

FIELD	DATA TYPE	DESCRIPTION
Cnno	Numeric	Cancellation Number
Rvno	Numeric	Reservation Number
Cdate	Date	Cancellation Date
ramnt	Numeric	Refundable Amount

Table 14: User Account**Primary Key: Uid****Foreign Key: Uname, Pwd**

FIELD	DATA TYPE	DESCRIPTION
Uid	Numeric	User Id
Uname	Varchar	User Name
Pwd	Varchar	Password
Role	Varchar	Rights