Hotel Management Application

Functional Requirement Specification V 1.10

Version History

Version	Changes
V 1.10	Module level requirements added

Abbreviations : HMA - Hotel Management Application

HM 101 When the user open the HMA website, the Login page should be displayed to the user with user name, password fields and a Login button. When a user enters the correct user name which is case sensitive and password he should be able to login. Welcome with logged in user name should be displayed in the home page. Logout option also displayed to the user with this.

HM 102 User should be able to navigate to all the six main modules displayed in the resizable left side navigation menu - Dashboard, Transactions, Guest, Hotel Configuration, Reports, and administration. All the pages contain it's own title and relevant information.

HM 103 The Dashboard should display the overview and statistics to the user in home page. Today's Revenue, Total Rooms, Rooms Occupied, Rooms Reserved, and Rooms Vacant information displayed with corresponding icons so that user will get all the info without navigating to each module. Check-In Rooms information also displayed in grid format.

HM 104 The Transactions page displays Total transactions, Today's Reservations, Today's check-Ins, Today's Check-Outs information with corresponding icons. Total transactions list displayed in the grid with GRC, Name, Check-In, Check-Out, Room Number, Status columns. View, Edit, Delete and Print options should be available for all items and user also click the column name to arrange the grid in sort order. User also has the options to hide the columns and search values and export the data to CSV file. User can also decide the number of rows he want to display in the grid for him, based on which pagination works.

HM 105 Guest page shows the Name, Address and Contact number in the grid format. Grid functionality works same as Transactions page.

HM 106 Hotel configuration modules contains the following submodule. Grid functionality works same as Transactions page.

HM 106.1 Room Types – Grid columns : Name, Short Code

HM 106.2 Rooms – Grid columns : Room Number, Room Type, Status

HM 106.3 Amenities - Grid columns : Room Number, Amenities Name, Price

HM 106.4 Facilities - Grid columns : Room Type, Amenities Name, Facility, Price

HM 106.5 Services – Allows the user to request for a service. When he enter the Room number and service details, the amount and GRC number should be populated with read only permission. When he submits his request, the user is informed about the status.

HM 107 An Administrator can take the Reports based on Transactions and Expenses based on weekly, monthly, yearly or as his date range. Name, Room rent, Type information displayed in grid view with all grid functionality. Total transactions and revenue for the selected period also displayed to the user.

HM 108 Administration modules helps an administrator user to create users with Admin/User roles. A user does not create another user with any roles since the functionality is not accessible. User can also add expenses for a particular date range which will be displayed to his grid below. When an administrator can view all the entries while the scope of an ordinary user limit for his expenses. Logged in user type can be identified by the global display in left-top of the page. Expense, Date, Amount columns obeys the common grid functionalities of HMA.

HM 109 Check-In, Reservations, Housekeeping, Check out options display above the left navigation menu.

HM 109.1 Check-In amount for Indians and foreigners show different amount. Entering valid name, address, contact no, Dates, and room type allows to click on submit. Current date and time displayed in the right upper corner of the page. Passport information entry fields should be displayed to a foreigner.

 HM 109.2 Reservation amount for Indians and foreigners show different. Entering valid name, address, contact no, Dates, and room type allows to click on Reserve. Current date and time displayed in the right upper corner of the page. Passport information entry fields should be displayed to a foreigner.

HM 109.3 House Keeping details – Grid columns : Room Number, Status obeys the common grid functionalities.

HM 109.4 Check out page shows the information - Name, address, contact no, Dates, and room type. Which allows to take print for customer who stayed there and for an office staff or an Admin who manages.