Case Study : ParkView.com

ParkView is one of the leading chain of hotels by Grand Park.

The hotel has sixty rooms and is built in a cozy environment with excellent security systems. It also has the following facilities: stand-by generator, DSTV, internet access, bar, swimming pool, laundry services, air-conditioned rooms, telephone and transport for conveying customers to their respective destinations.

The hotel has the following types of rooms:

Presidential suite, Junior suites, Executive, Deluxe, Super deluxe. The hotels currently make use of the manual system of

room reservation. The management and booking of Rooms in hotels is a tedious and complicated task especially if it is done manually. Keeping track of large customers and all their details requires an inordinate space for file cabinets, not to mention the time the hotel administrator would spend going back and forth to file cabinets so as to look up each customer’s information. This is why a good hotel reservation system is needed to make this task as easy as possible.

Hence Park View Management has requested for a complete digitization of their of a hotel reservation System. The system has to be developed as a web portal so that the users can directly access the hotel page, view its features , check the room availability and book accordingly. The developed software should be maintainable, reliable and scalable. ParkView.com is a hotel reservation website where users can book suites available in Park View hotels and resorts present in several top cities. Users can also book transport to the destination and cab services available in a particular hotel.

***The Parkview online hotel reservation site should have the following features during different phases of development:***

* Online hotel booking system enables guests to schedule dates and length of stay, room selection, and payment all in one place.
* The objective is to design a clean, modern hotel reservation platform that delivers a seamless and engaging user experience
* Hotel page view displays a list of room names, room categories, number of rooms available, specialties of the hotel. It also contains the different types of suites available in the hotel the description of the suites.
* Features page will display the hotel facilities available like pool, wifi, laundry,room service,gym,park etc along with the pictures
* Guest can register at the portal to book a room according to a category and room availability
* Admins of the website are allowed to add rooms, enter room details, room category, room pics, availability. The picture of the rooms can be uploaded dynamically. A particular room can be searched for using the search bar.
* Data entered needs to be validated
* Total pages for the site required would be - Home, Features, Rooms, About, Contact pages. Other extra pages can be created as per the requirement and added features
* Page not found -error page needs to be redirected to if user tries an erroneous page url.
* Entire website should have a consistent look and feel using a design framework like bootstrap