**CSE471-System Analysis and Design**

**Lab-01**

**Section-02**

**Group-02**



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**Requirement Analysis**

**Cabin and ICU Booking System**

We tried to build a user-friendly website and app so that our consumers can easily access their services. According to what we will start working for that we added some features. They are given below:

* **Functional Requirement:**

1. **Log In Database:**

We will have a log in database so that we can differentiate our customers and their desire services.

1. **Admin:**

An admin can approve the order and payment for any services. In addition, he can add extra services for customer.

1. **Users:**

They can search any hospital in the search option as well as they will be able to see the nearest hospital list. They can check the available ICU and Cabin status in the hospital with their price and will be able to book them by online payment system. In addition, they can get the emergency ambulance service information for any particular hospital.

1. **Rating system:**

Our customer will be able to rate our services so that we can get feedback of our services which will help us to improve our services.

* **Non-Functional Requirement:**

1. **Operational:**

* Can work online.
* Can get the access from any kind of device.

1. **Performance:**

* The system will provide any kind of update through notification.
* The system will response within five seconds.
* The pdf file storage capacity cannot be more than 100 MB.

1. **Security:**

* One user can not access another user account or information.
* Two phase Log In system.
* Only admin can approve the customer order and discount.
* Payment security will be handled strictly.

1. **Cultural and Political:**

* This app and website will follow all country law.
* Customers personal information will be protected with Digital Data Act.