**CSE471-System Analysis and Design**

**Lab-01**

**Section-02**

**Group-02**



**Members Name and Id:**

Jawad Bin Jalil(183210004)

Sugata Saha(18301089)

MD. Abdul Kahhar Siddiki Shan(18301221)

**Date of submission:** 8 March, 2021.

**System Request**

**Cabin And ICU booking System**

**Project Sponser:**

* Jawad Bin Jalil
* Sugata Saha
* MD. Abdul Kahhar Siddiki Shan

**Business need:**

This is website and app based on online project where anyone can get their medical facilities by sitting at home. People can see the updates of the information about nearest hospitals and also can book cabin, ICU, CCU to nearest hospital by using this app and website.

**Business requirements:**

BY using this app and website people can book hospital’s cabin, ICU, CCU. The functionality of this business requirements should be listed below:

* If anyone login to this app and turn on GPS it will show every hospital name nearby.
* User can see the database about the hospitals like which services and departments are available in that hospital and also how many cabins, ICU and CCUs are available.
* This system will also store information about which vaccines are available in that hospital.
* This app will contain online payment system through Visa card, Master card, Bkash, Nagad and so on.
* After getting discharged from hospital the user can give a review about the service of the hospital.

**Business values:**

Cabin and ICU booking management is not an easy work. Besides, it is a humanitarian activity. For this reason, we can make profit from it. This management system can save a lot of lives. As it will help to provide the information about nearest available cabin and ICU beds and customer can book cabin and ICU beds according their will, we can generate revenue by getting a percentage from booked cabin, ICU beds by signing contract with those hospitals. Besides, ambulance is necessary in many critical situations. We can also make profit from it by taking a percentage from the ambulances which will be booked from our website. There would be options for digital payment system and this is also a great way of revenue by signing contract with these companies. We can also make revenue from advertisements which will be shown in our website. Besides, we have a system where clients will provide reviews after receiving our services. This will be very much helpful for expanding our business. This will help us to make our website more popular to general people. Many hospitals and care services will be encouraged also to make contract with us. Ultimately, this approach will help us bring more and more clients. More clients mean more revenue.

**Estimated Tangible Values:**

* Will charge 2% from every booking.
* Will have income from advertisement.
* Profit will be 400,000 per year.

**Intangible values:**

* Customer review will ensure our quality.
* A good maintenance of the app and website will make our position strong in the market.

**Special issues and constrains:**

* If anything unexpected occur this system will immediately notify the user about this problem.
* We will follow the government rules strictly
* As soon as possible we will expand our service all over Bangladesh.