



PROJECT PROPOSAL  
NORTH SOUTH UNIVERSITY  
DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

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"ONLINE HEALTH CARE SERVICE"

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CSE311  
DATABASE MANAGEMENT SYSTEM  
SECTION: 02  
GROUP 10  
SEMESTER: SUMMER 2021

SUBMITTED

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SUBMISSION DATE: 7-12-2021

## Introduction

In this present situation, the people from Bangladesh are facing a lots of diseases and the rate of health risks increasing day by day. But this country is a densely populated country and that's why sometime people facing some problem to get medical care or medicine in time. Because of this issue lots of people die in every year in Bangladesh. "Online Health Care Service" this web application will provide medical and medicine support, private nurse, oxygen service, bloods service and some few others medical related features. People can also found Doctor details here. This web application will be very easy to access for every user and people can quickly find or manage their needed in online. Beside this web application provide their service in whole Bangladesh.

## Objective

### User Portal

1. Sometimes we need oxygen on an emergency basis if we have an oxygen deficiency, Physical disaster or breath in and breath out problem. On that time we need an emergency oxygen supply. To full fill the lack of oxygen, a patient or an user can use our Online Health Care System because our service can provide them an emergency oxygen supply.
2. Many times we need a lot of blood on an emergency basis in less time. To solve this problem, our Online health care service can provide them emergency blood supply.
3. Our Online Health Care Service also provide an emergency Nursing facilities. By using this facilities a user or a patient can check if their blood sugar level, Blood Pressure is OK or not?. When we face minor problems in our body such as fever, runny nose, cough etc and on that time, we can know by using this facilities about the steps to be taken to solve these minor problems.
4. We also provide an emergency medicine supply. If someone need an emergency medicine on midnight or any time they need our team can reach the medicine with in a short time according to their prescription. But for using this facilities, a user or a patient must need to give their location to our team.

5. we also provide some specialist doctor information. Then people can easily find their number, chamber location and time.

#### Admin Portal

Admin Portal is an important field of our Health Care database management system. An admin can save data or change data in our health care database management system. Another important task of an admin is to make sure that everyone use our services very easily. If a user encounters a problem while using our services, it is an important duty for the admin to resolve the issue as soon as possible.

## Target Customers

1. Patients - People who are suffering from any type of medical issues they can use this application. There are different type of section for the service. So people can easily understand and find out their option.

2. Authority - Authority can easily view and edit the whole data where the people list who are working, their list will be shown. So, authority can easily monitoring them.

## Value Proposition

We will design our database management system in a way that is easily accessible and easily usable to general people, especially the rural people. The main goal of our health care services is to provide short time medical support to a patient or a user when they need emergency help. Our management system will notify us when someone needs an emergency help and on that time our team is determined to provide emergency support and work on according to the patient needs. For getting emergency medical support, everyone should use this health care services because it is always ready to work.

## Web Application Feature And Description

At first this web page has common view page for everyone. This will show two type of log in and sign up section, one is for users or patients and other one is for admin section.

When users or patients log in or sign up here then he/she can:

1. Able to see how much oxygen are available right now and also order here.
2. Able to see how many nurses are available here right now and also see their location and cost per day. After that they can send a request for specific nurse. Though the cost is not fixed. It will be moveable according to the users / patients request.
3. Able to send a request for blood by mentioning the group.
4. Able to send a request for medicine.
5. Also able to get the information about some specialist doctor.

When admins log in or sing up here, they can able to view the internal data list. They have a permission to control/edit the data list here. They can view and edit the list of the people who work for oxygen service, nursing, medicine service, blood service and also the doctor list.

## Tools and Resources

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HTML

CSS

Javascript

MySQL

PHP

Web server

## Challenge

We have to face lots of challenge here for creating and maintaining this web – application. Our main challenge is to keep the web page update and give response to the users for their request as soon as possible. Because if we are unable to give our feedback quickly then our service will be down marked and we will lose our users trust. There is a another challenge to maintaining the data list. If there any error found then our application will be fall down. So, overall it will be a great challenge to maintain properly all of this.