



# Modern Health Service System

Group Name : **SUST\_DuBhMaSh**

Date: **17/02/19**

## Stakeholder's Information

1. Lecturer	Summit Haque	CSE
2. Medical Officer	Dr. Krishnapada Acharjee	Cheif Medical Officer
3. Student	Nahidul Islam	Sociology (4/2)
4. Student	Rezaul Haque	Sociology (3/1)
5. Student	Dolan Boiragi	CSE (4/1)
6. Lecturer	Moqsadur Rahman	CSE

Does the system/service exist?

☐

Yes

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No

How does the system/service work? [from the client's viewpoint]

### 1<sup>st</sup> Client:

→ Student Database

→ Retrieval of Medical Clearance

### 2<sup>nd</sup> Client:

→ Digitization of the Medical Process

→ Inventory System

### 3<sup>rd</sup> Client:

→ Complain Box

## 4<sup>th</sup> Client:

→ Medicine Inventory for Students

## 5<sup>th</sup> Client:

→ Registration System

→ Specifications:

User:

1. Doctors details (personal info, free or busy etc.) to select doctor
2. Users(patients) give their problem details
3. Users can add image
4. Select doctor and send it to admin
5. Pay fees and take receipt.
6. Blog like question answering system

Admin:

1. Manage doctor's and users details.
2. According to users request manage doctor.
3. Take solution from doctor and send back to patient.
4. Payment confirmation.
5. Manage blog

Additional:

1. Message, voice, video call chat between users and doctors managed by admin.

## 6<sup>th</sup> Client:

→ Queue System

→ Feedback

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## Summary of this project:-

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### The work that is in this project must be there:-

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1. **Registration System-** Here are three types of users: one *Student*, one is a *teacher* or *employee*, and the end is *admin*.
  2. To access certain parts of the web application, **user-authentication** and/or **user authorization** is needed.
  3. **Different users/actors** will have **different access permission** to certain parts of the DB application, i.e. **user access control is needed**.
  4. **Forum/Blog** like question answering system. Like **Students, teachers** or **employees** can give any kind of **comment**, such as **the quality of treatment**, to provide any kind of **bad feedback/Complain**. All of the **UI** is static, but it will work as a dynamic **UI**. Anyway, The students will be able to complain/comment about the type of medical service they are getting.
  5. **Medical Doctors List, Information** and **Treatment** Procedure (Medical Center).
  6. There will be a **database system** which will contain the **user** information such as: **Students, Teacher** or **Employees** and also **Admin**, and **Admin** will use this information for various purposes.
  7. When a patient comes to the **medical** center to **get medical treatment**, then he can register a sample with his **registration** number. Here, if he gives his **registration** number, he / she will be able to **access** some **personal** data from the **database** along with the registration form and use it as a registration form. By showing this form, he can take **treatment** for the **doctor** and the doctor can write the name of the **disease, drug** name and everything else on the form and when he can take **medicines**, he will be able to take **medicines** and whoever he can, **he** will be able to check **online** from the **website** that he is not really a **patient** whom he is giving **medicine**.
  8. Retrieval of **Medical Clearance**. And through the medical center, students can give their medical clearance.
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### The work that can be in this project:-

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1. Through this they (**medical center**) can keep a **record** of their various **medicines**.
  2. **Users** (patients) give their **problem** details in **online** and make **appointment** with doctor. This procedure can manage by **Queue System**.
  3. Users can add **image**.
  4. Pay **fees** and take **receipt**.
  5. **Message, voice, video** call chat between **users** and **doctors** managed by **admin**.
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