North South University

Department of Electrical & Computer Engineering

CSE332.11
Computer Organization and Architecture
Term Final Assignment

Submitted To:
Intisar Tahmid Naheen
Lecturer, ECE Dept

GROUP NO.	STUDENT NAME	STUDENT ID
	SAIDA IMAN	1931165642
08	SABIHA AKTER SHORNA	1922013642
	MOHAMMAD TANVIRUL HASAN	1912762042

The 26th May 2021

The 25th May 2021
North South University

Assalamualaikum sir,

We are very pleased to enclose our project plan to you for the course of CSE 311.1 .Here we will be introducing you to "Proyash" which focuses on helping both doctors and the patients based on allocated location. We are confident that we will be able to help the society with our project.

We will be happy to respond to any question you may have about the project.
Thank you for your time and attention.

Yours sincerely,
SAIDA IMAN
ID- 1912043642
On behalf of group 8

PROJECT NAME: PROYASH

PROJECT INFORMATION: In this project, we have built up an website to directly help the doctors and patients based on their area location. A lot of people suffer in the waiting zone of the hospitals in the danger zone even in this pandemic situation. So, we have decided to build up a website related to solve that issue by setting up virtual meetings. The website will provide a person's necessary information like: -For patients: name, address, age, location, specific health related problems, booking slots of doctors etc.
And for Doctors, Name, email, gender, specialization, Address etc

TECHNOLOGY STACK:

❖ FRONTEND
- ▪ HTML
- ▪ CSS

❖ BACKEND
- ▪ PHP
- ▪ MYSQL

SCOPE: For both Patients and doctors :

Online Sign up: Doctor or Patient both need to register/sign up and login to the website to get the services from the website "Proyash".
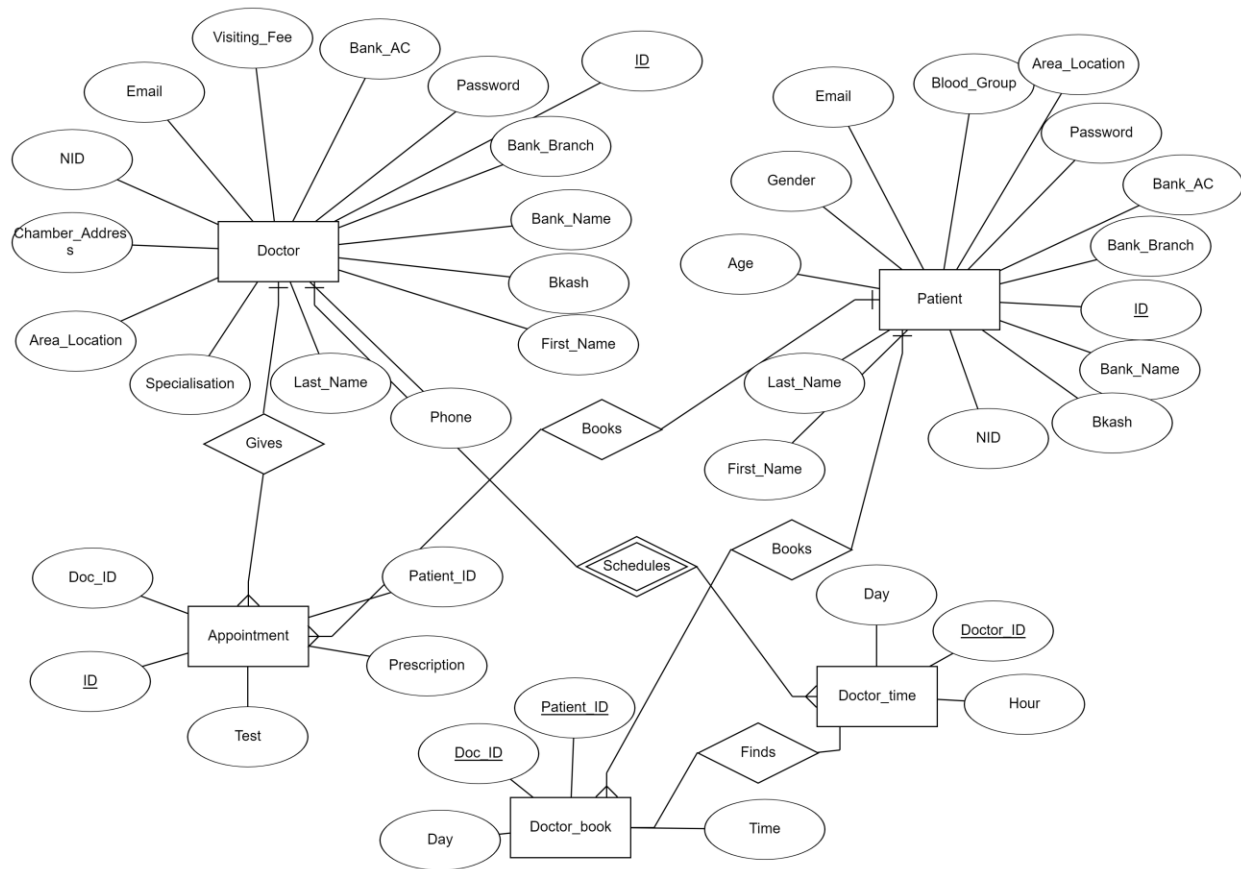
Slots: Doctors will give their time slots and when a patient need an appointment with a doctor he or she can easily book a slot and visit the doctor or email him or her. In this way time will be utilized properly.

Sign Up information: Customer will have to provide their personal information, such as: - name, address, number, email address, to signup.

Payment method: The website will handle the payment through Bank or Bkash. And when patients visit the doctor personally after booking the slot, the patient can pay the visiting fees in hand and that will also be recorded in our data base as the person will use our website to book the slot.

FOR ADMINS: Admin will have the access to the database.

ERD

Visiting_Fee

Bank_AC

ID

Email

Password

Area_Location

Blood_Group

NID

Bank_Branch

Email

Password

Chamber_Address

Bank_Name

Gender

Bank_AC

Doctor

Bank_Branch

Bkash

Age

Patient

ID

Area_Location

First_Name

Bank_Name

Specialisation

Last_Name

Last_Name

Bkash

Phone

Books

NID

Gives

First_Name

Books

Schedules

Day

Doc_ID

Patient_ID

Doctor_ID

Appointment

Prescription

Doctor_time

Hour

ID

Patient_ID

Finds

Test

Doc_ID

Doctor_book

Time

Day

Relational Table

Doctor_Time
Doctor_ID (FK)
Day
Hour

Doctor
ID
First_Name
Last_Name
Email
Password
Phone
NID
Area_Location
Chamber_Address
Specialisation
Visiting_Fee
Bank_AC
Bank Name
Bank_Branch
Bkash

Doctor_Book
Patient_ID (FK)
Doc_ID (FK)
Day
Time

Patient
ID
First_Name
Last_Name
Email
Password
Gender
Age
Blood_Group
NID
Area_Location
Bank_AC
Bank_Branch
Bank_Name
Bkash

Appointment
ID
Test
Prescription
Doc_ID (FK)
Patient_ID (FK)