Ranada Prasad Shaha University

Department of Computer Science and Engineering



Doctor Consultation System: A Web Based Social Media For

Patients and Doctors

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May, 2020

Doctor Consultation System: A Web Based Social Media For

Patients and Doctors



A Project submitted to the

Department of Computer Science and Engineering

Ranada Prasad Shaha University

Shitalakhya, Narayanganj - 1400, Bangladesh in partial fulfillment of the requirements for the degree of

Bachelor of Science in Computer Science and Engineering

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# **Recommendation Letter from Project Supervisor**

The project entitled

” Developing A Social Media Web Application for Patients and Doctors ” submitted by the student

•Bipasha Rani Saha, 16300037

is a record of project work carried out under my supervision and I, hereby, approve that the report be submitted in partial fulfillment of the requirements for the award of their Bachelor Degrees.

Signature of the Supervisor:

Name of the Supervisor: Pinto Kumar Paul

Date: May, 2020

# **Certificate of Acceptance of the Project**

The Project entitled

” Developing A Social Media Web Application for Patients and Doctors ” submitted by the student

• Bipasha Rani Saha, 16300037

on May, 2020 is, hereby, accepted as the partial fulfillment of the requirements for the award of their Bachelor Degrees.

Head of the Dept. Supervisor

AHM Shahriar Parvez Pinto Kumar Paul

Assistant Professor & Head Lecturer

Department of Computer Science and Department of Computer Science and

Engineering Engineering

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# Abstract

In this project report, I am proposing a very special social media web application for the patients and doctors of world wide. This web application not only has many features like other social media applications but also it has many features for the patients and doctors which are generally not available in other social media applications. In this application, the patients and doctors shall be able to share their thinking and problems in detail by creating posts so that other patients and doctors shall be able to view all those posts. The patients also shall be able to contact with the doctors through chatting or video calling from this application which are initiated by the doctors.

Overall this application of mine is being developed to help the patients of any corner of the word can get a doctor’s consultation immediately in emergency situation.

Keywords: Social Media, Doctor’s consultation Sites, Blog Sites, Chat, Video and audio call.

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Chapter 1

# Introduction

## Introduction

It might have happened so many times that we need doctors help immediately, but they are not available due to some reason. For this we to face so many trouble and don’t get treatment or any suggestion in time.

For this purpose, I made a social media web application for patients and doctors and I named it **’Doctor’s Consultation System’**. Doctor’s consultation system can be accessed from any type of platform which supported a web browser. It has a lot of features and it is more than a social media web application because doctor’s consultation system not only has many features like other social media applications, *[ such as: chatting, video calling and so more..! ]* but also it has many features for patients and doctors *[ such as: creating medical science and disease related posts, search doctors according to their problem and so more..! ]* which are generally not available in other social media applications. In doctor’s consultation system patients shall get a lot of information and help from doctors.

By using doctor’s consultation system, the patients shall be able to interact with doctors online. The patients can search for doctors using filters according to their diseases and can send request to doctors for a session who are online. If the doctor accepts the request than they chat with each other and if the doctor needs visual information the doctor can start a video conversation with the patient. In this way a patient can consult with a specialized doctor from home. For recommendations from doctors or other users there will be a different section of posting questions or any post where anyone who is registered to the system can reply as comment to that post.

Doctor’s consultation system is not only a social media web application, but it is also an important, useful & powerful web application for both patients and doctors of the world.