

**Department of Electrical and Computer Engineering  
North South University**



**Senior Design Project**

|                                     |                       |
|-------------------------------------|-----------------------|
| <b>Name:</b> Kamrun Naher Sarna     | <b>ID:</b> 1811209642 |
| <b>Name:</b> Mohammad Shakiruzzaman | <b>ID:</b> 1620180042 |
| <b>Name:</b> Omar Hasan Rumi        | <b>ID:</b> 1813536642 |
| <b>Name:</b> Md. Abdullah Al Mahfuz | <b>ID:</b> 1611869042 |

**Faculty Advisor**  
**Dr.Mohammad Ashrafuzzaman Khan**  
**Assistant Professor**  
**Department of ECE**

## LETTER OF TRANSMITTAL

June 2023

To

Dr. Rajesh Palit

Professor and Chairman,

Department of Electrical and Computer Engineering,

North South University, Dhaka.

Subject: Submission of Capstone Project on “Sheba: A Doctor Finder Application.”

Dear Sir,

With due respect, we would like to submit our Capstone Project report on “Sheba: A Doctor Finder Application” as a part of our BSc program. The report deals with a website that helps find a doctor easily so anyone can book an appointment with a doctor easily and quickly at any time. Patients can see the doctor's list, visiting hours, and fees on the website. The users can also pay online. There is also a schedule for both the patients and the doctors. We tried our level best to make the report meaningful and informative. The capstone project was very much valuable to us as it helped us to gain experience in the practical field. It was a great learning experience for us. We tried the most excellent competence to meet this report's required dimensions.

We will be highly obliged if you receive this report and provide your valuable judgment. It will be our immense pleasure if you find this report helpful and informative to have a clear perspective.

Sincerely Yours,

**Kamrun Naher Sarna**

**Department of ECE**

**North South University, Bangladesh**

**Omar Hasan Rumi**

**Department of ECE**

**North South University, Bangladesh**

**Mohammad Shakiruzzaman**

**Department of ECE**

**North South University, Bangladesh**

**Md. Abdullah Al Mahfuz**

**Department of ECE**

**North South University, Bangladesh**

## **APPROVAL**

The capstone project entitled “Sheba: A Doctor Finder Application” by **Kamrun Naher Sarna**(ID: 1811209642), **Omar Hasan Rumi**(ID: 1813536642), **Mohammad Shakiruzzaman**(ID: 1620180042), and **Md. Abdullah Al Mahfuz** (ID: 1611869042) is approved in partial fulfillment of the Degree of Bachelor of Science in Computer Science and Engineering requirement and has been accepted as satisfactory.

### **Supervisor:**

.....

*Dr. Mohammad Ashrafuzzaman Khan*

Assistant Professor

Department of Electrical and Computer Engineering

North South University

Dhaka, Bangladesh.

### **Department Chair:**

.....

*Dr. Rajesh Palit*

Professor and Chairman

Department of Electrical and Computer Engineering

North South University

Dhaka, Bangladesh.

## **DECLARATION**

This is to declare that this report or the project has yet to be submitted elsewhere to fulfill any other degree or program. All project related information will remain confidential and shall not be disclosed without the formal consent of the project supervisor. Relevant previous works presented in this report have been properly acknowledged and cited. The plagiarism policy, as stated by the supervisor, has been maintained. Proper acknowledgment has been provided for any material taken from previously published sources in the reference section of this report.

Declared By:

.....  
**Kamrun Naher Sarna**  
**1811209642**

.....  
**Omar Hassan Rumi**  
**1813536642**

.....  
**Mohammad Shakiruzzaman**  
**1620180042**

.....  
**Md. Abdullah Al Mahfuz**  
**1611869042**

## **ACKNOWLEDGEMENT**

A project is a bridge between theoretical and practical work. With this willingness, we joined this project. We would like to express our sincere gratitude to Dr. Mohammad Ashrafuzzaman Khan Sir, for providing his valuable guidance, comments, suggestions, and support throughout the project. His constant encouragement and monitoring are so great that our profound gratitude is insufficient. The project's accomplishment benefited from the help and direction of our respected supervisor, who was always willing to help us solve the confusion and direct us to approach the project's final result.

The project was accomplished with the support of fellow group members, special thanks to each group member for their immense support and help during the report preparation.

## **ABSTRACT**

### **Sheba: A Doctor Finder Application**

One of the necessities of humanity is medical care. These days, finding a doctor in a big city who shares your preferences is more challenging than finding a place to live. Therefore, we plan to develop a website and an app so consumers can find their doctors and schedule appointments at home. Can you locate a doctor who practices from home and charges your desired prices? Using our app will make it a lot simpler for you. You can find a doctor on our app with the desired supplied rates.

Additionally, you can locate them by their title and area of expertise. You may view their name, phone number, hours of operation, camber location, and other information. After that, you can make a doctor's appointment.

*Index Terms*—Doctor, Finder, Management System, Web-based Application