

# DECLARATION

This is to certify that this project is entirely our own development. No component of this work has been submitted elsewhere, in part or in whole, with the purpose of receiving a different degree or diploma. All the materials used in this project have been appropriately acknowledged.

## Students' name & Signature

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# APPROVAL

The senior project entitled “**Web-Based App on Tourism E-commerce**” by **Team Neptune** is approved in partial fulfillment of the requirement of the Degree of Bachelor of Science in Computer Science and Engineering in January and has been accepted as satisfactory.

## Supervisor’s Signature



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**Dr. Shohana Rahman Deeba**

**Assistant Professor**

**Department of Electrical and Computer Engineering**

**North South University, Dhaka, Bangladesh**

## Department Chair’s Signature

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**Dr. Mohammad Rezaul Bari**

**Associate Professor and Chair**

**Department of Electrical and Computer Engineering**

**North South University, Dhaka, Bangladesh**

# ACKNOWLEDGMENT

First of all, we wish to express our gratitude to the Almighty for giving us the strength to perform our responsibilities and complete the report.

The senior design (CSE499) project is very helpful to bridge the gap between theoretical knowledge and real-life experience as part of the Bachelor of Science (BSc) program. This report has been designed to have practical experience through theoretical understanding.

We also acknowledge our profound sense of gratitude to all the teachers who have been instrumental in providing us with the technical knowledge and moral support to complete the project with full understanding.

It is imperative to show our appreciation for our honorable faculty member Dr. Sohana Rahman Deeba for her undivided attention and help to achieve this milestone. Also, our gratitude is divine to the North South University, ECE department for providing us a course such as CSE499 in which we could really work on this project and materialize it the way we have dreamt of.

We thank our friends and family for their moral support to carve out this project and always offer their support.



**CSE499 A B**

**Fall'21**

**Project Report On**

**Web-Based App on Tourism E-commerce**

**Supervised By**

**Dr. Shohana Rahman Deeba**

**Assistant Professor**

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# ABSTRACT

We have decided to implement an online e-commerce web application for Bangladeshi travelers and retailers to manage packages on this system. The customers can quickly search the available packages and come to the store to pick them up and they can contact the service provider to learn more about the packages they are looking for. The best aspect of our website will be the global availability as well as the accurate information on the places to visit which are usually backed up by trustworthy customer reviews.

## ***Objectives:***

This website is developed to provide the best traveling services to the customers. The main objective of this project was to create a travel booking website where the tourists can choose their preferable services to go to their desired destinations in Bangladesh. It will allow the user of the system to access all the details such as popular destinations, packages, and deals, bookings of flights/tickets, hotels, transportation, etc.

## ***Methods:***

The implementation of the proposed web application has been accomplished using the MERN stack. The acronym stands for MongoDB, Express, React.js, and Node.js. It is one of the powerful stacks that help us to develop our e-commerce web application. A point to note is that