

Department of Electrical and Computer Engineering  
North South University

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**Senior Design Project**  
**TRAVEL BUDDY FINDER**

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Faculty Advisor:

Dr. Mohammad Monirujjaman Khan

Assistant Professor

ECE Department

Spring, 2019

# LETTER OF TRANSMITAL

May, 2019

To

Dr. K. M. A. Salam

Chairman,

Department of Electrical and Computer Engineering

North South University, Dhaka

Subject: **Submission of Capstone Project on “TRAVEL BUDDY FINDER”**

Dear Sir,

With due respect, we would like to submit our **Capstone Project Report** on “**TRAVEL BUDDY FINDER**” as a part of our BSc program. The report deals with Travel agency System. This project was very much valuable to us as it helped us gain experience from practical field and apply in real life. We tried to the maximum competence to meet all the dimensions required from this report.

We will be highly obliged if you kindly receive this report and provide your valuable judgment. It would be our immense pleasure if you find this report useful and informative to have an apparent perspective on the issue.

Sincerely Yours,

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Md. Farhan Bin Shafiq  
ECE Department  
North South University, Bangladesh

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Md. Shamsuzzaman  
ECE Department  
North South University, Bangladesh

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Md. Imam Hossain  
ECE Department  
North South University, Bangladesh

# APPROVAL

MD.FARHAN BIN SHAFIQ ID (1411464042), MD.SHAMSUZZAMAN ID ( 0930037042) ,MD.IMAM HOSSAIN ID (1410242042) from Electrical and Computer Engineering Department of North South University, have worked on the Senior Design Project titled “TRAVEL BUDDY FINDER” under the supervision of Dr. Mohammad Monirujjaman Khan partial fulfillment of the requirement for the degree of Bachelors of Science in Engineering and has been accepted as satisfactory.

## Supervisor’s Signature

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Dr. Mohammad Monirujjaman Khan

## Assistant Professor

Department of Electrical Engineering & Computer Science

North South University

Dhaka, Bangladesh.

## Chairman’s Signature

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Dr. K. M. A. Salam

## Professor

Department of Electrical Engineering & Computer Science

North South University

Dhaka, Bangladesh.

# DECLARATION

This is to certify that this Project is our original work. No part of this work has been submitted elsewhere partially or fully for the award of any other degree or diploma. Any material reproduced in this project has been properly acknowledged.

Students' names & Signatures

**1. MD.FARHAN BIN SHAFIQ**

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**2. MD . SHAMSUZZAMAN**

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**3. MD.IMAM HOSSAIN**

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# ACKNOWLEDGEMENT

By kindness of the Almighty we have successfully completed our senior design project entitled “TRAVEL BUDDY FINDER”

Our deep gratitude goes first to my faculty advisor DR. Mohammad Monirujjaman Khan , who expertly guided us in our senior design project throughout the whole EEE499A and EEE499B. His guidance helped us in all type of research, writings and completing the project.

Our sincere thanks also goes to North South University, Dhaka, Bangladesh for giving us such a platform where we can have an industrial level experience as a part of our academics.

We would also like to thanks Monjura Moula Anik ,Arnon Tanjim for helping us in this project.

Last but not the least, we would like to thank our family as their inspiration and guidance kept us focused and motivated.

## **Abstract**

In this project, we develop and design online based application. Travel Buddy is a FREE Social Networking app for finding travel buddies and travel partners for your backpacking or holidays plans. we develop this application for the automation of a Travel Agency. This client server based app will serve all the agents of a travel agency and record all the information of a passenger. Through this platform, the agency can find out all the money transactions and passenger services from remote places. Necessary reports are also being supplied by this social networking app. In this project, there is a login page for each employee of the travel agency. The admin user can define roles to all the users with respect to their user type. That means, the admin can authenticate that which type of user can see or perform operation into which pages. This online based app is device independent.