Department of Electrical and Computer Engineering

North South University

Senior Design Project

Schoolaboration - Your All-in-One Academic Solution

Mabeean Suukyi	ID#1921348642
Israka Jahir	ID#1921312042
Sadia Sultana	ID#1921746042

Faculty Advisor:

Dr. Mohammad Ashrafuzzaman Khan

Assistant Professor

ECE Department

Summer, 2023

LETTER OF TRANSMITTAL

November, 2023

To

Dr. Rajesh Palit
Chairman,
Department of Electrical and Computer Engineering
North South University, Dhaka

Subject: **Submission of Capstone Project Report on "Schoolaboration - Your All-in-One Academic Solution"**

Dear Sir,

With due respect, we would like to submit our **Capstone Project Report** on **"Schoolaboration - Your All-in-One Academic Solution"** as a part of our BSc program. This project is our all-in-one educational solution. It's a big step forward in academic management. We've put in a lot of effort to make education better for students and institutions. Our goal is to provide a solution that meets all academic needs.

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,

Mabeean Suukyi

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Student Name1

ECE Department

North South University, Bangladesh

Israka Jahir

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Student Name2

ECE Department

North South University, Bangladesh

Sadia Sultana

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Student Name3

ECE Department

North South University, Bangladesh

APPROVAL

Mabeean Suukyi (ID #1921348642), Israka Jahir (ID #1921312042) and Sadia Sultana (ID #1921746042) from Electrical and Computer Engineering Department of North South University, have worked on the Senior Design Project titled "Schoolaboration - Your All-in-One Academic Solution" under the supervision of Dr. Mohammad Ashrafuzzaman 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 Ashrafuzzaman Khan

Assistant Professor

Department of Electrical and Computer Engineering

North South University

Dhaka, Bangladesh.

Chairman's Signature

…….

Dr. Rajesh Palit

Professor

Department of Electrical and Computer Engineering

North South University

Dhaka, Bangladesh.

DECLARATION

This is to declare 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. 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.

Students' names & Signatures

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1. **Mabeean Suukyi**

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2. **Israka Jahir**

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3. **Sadia Sultana**

ACKNOWLEDGEMENTS

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ABSTRACT

Schoolaboration - Your All-in-One Academic Solution

The "Schoolaboration" project represents a significant milestone in the realm of academic management. This innovative platform is designed to address the multifaceted challenges that students and educational institutions face in today's dynamic educational landscape. It offers a holistic approach, integrating various essential features such as note organization, course access, task management, team collaboration, institute news updates, and a website blocking feature to enhance focus. In the current fast-paced academic environment, students often struggle to manage their coursework efficiently. "Schoolaboration" streamlines the academic experience, making it more user-friendly and productive. Moreover, the project not only caters to students' needs but also emphasizes the reduction of environmental impact. It curbs paper usage, conserves resources, and promotes sustainable practices by reducing carbon emissions from travel. "Schoolaboration" is not just an all-in-one educational solution but also an eco-friendly one.With a vision of widespread adoption, "Schoolaboration" is designed to accommodate changes and future enhancements. It aims to expand its compatibility with various devices and operating systems, improve its machine learning algorithms for better task recommendations, and integrate advanced security features.