

Department of Electrical and Computer Engineering  
North South University

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**Senior Design Project**

**Joltorongo A Web based Bengali Music  
Streaming Platform**

**Shirjoy Malek**

**ID # 1511321042**

**Ahmed Aziz Nahin**

**ID # 1520476042**

**Rifat Hossain**

**ID # 1520827642**

**Md. Enamul Haque Imran**

**ID # 1520581642**

**Faculty Advisor:**

**Mohammad Monirujjaman Khan**

**Lecturer**

**ECE Department**

**Spring 2019**

**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. Shirjoy Malek**

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**2. Ahmed Aziz Nahin**

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**3. Rifat Hossain**

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**4. Md. Enamul Haque Imran**

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## APPROVAL

We, **Shirjoy Malek (ID-1511321042)**, **Ahmed Aziz Nahin (ID-1520476042)**, **Rifat Hossain (ID- 1520827642)** and **Md. Enamul Haque Imran (ID- 1520581642)**, members of CSE: 499 (Senior Design) from the Electrical and Computer Engineering department of North South University; have worked on the project titled “**Joltorongo – A Web based Bengali Music Streaming Platform**” under the supervision of **Mohammad Monirujjaman Khan** as a 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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**Mohammad Monirujjaman Khan**

**Lecturer**

Department of Electrical and Computer Engineering  
North South University  
Dhaka, Bangladesh.

### Department Chair’s Signature

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**Dr. K. M. A. Salam**

**Associate Professor & Chair**

Department of Electrical and Computer Engineering  
North South University  
Dhaka, Bangladesh.

## ACKNOWLEDGEMENT

By mercy of the Almighty we have completed our senior design capstone project entitled “**Joltorongo – A Web based Bengali Music Streaming Platform**”.

Foremost, we would like to express our sincere gratitude to our advisor **Mohammad Monirujjaman Khan** for his continuous support in our capstone project progress throughout the whole 499A and 499B, for his patience, motivation, enthusiasm, and immense knowledge. His guidance helped us in all the time of research, writing and completing of this project.

Our sincere thanks also go to North South University, Dhaka, Bangladesh for providing an opportunity in our curriculum which enabled us to have an industrial level experience as part of our academics.

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