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**Green University of Bangladesh**

**Department of Computer Science and Engineering (CSE)**

**Faculty of Sciences and Engineering**

**Semester: (Spring, Year:2021), B.Sc. in CSE (Day/Eve)**

**LAB PROJECT PROPOSAL**

**Course Title: Data Communication Laboratory**

**Course Code: CSE 308 Section: DA**

**Student Details**

| **Name** | | **ID** |
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**Submission Date: \_ \_ \_ \_ \_ \_ \_30/08/2022 \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_**

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**[For Teachers use only: Don’t Write Anything inside this box]**

| **Project Proposal Status**  **Marks: ………………………………… Signature: .....................**  **Comments: .............................................. Date: ..............................** |
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1. **TITLE OF THE PROJECT PROPOSAL**

Checking whether the data is secure or not by checking error detection.

1. **PROBLEM DOMAIN & MOTIVATIONS**

Generally, whenever we send any data, it can be incurred, or there will be some errors. Therefore, we want to develop a project named “Checking the data is secure or not by checking error detection”. In this project, we will use the concepts of parity check, a cyclic redundancy check and humming code. This project will help us to ensure data security and keep the data more usable.

1. **OBJECTIVES/AIMS**

Our main aim is to make the data secure. Sometimes the data lacks some difficulties. So, we want to ensure data security. For this, we want to develop a project by using the concepts of Data Communication. And we will use the concept of parity check, cyclic redundancy check, and humming code. We will use the c++ platform for executing this project.

1. **TOOLS & TECHNOLOGIES**

We will use c++ programming language for making this project.

1. **CONCLUSION**

This project will make our data secure. Definitely, we are expecting highly profit from this project. If we use some high framework, get manpower and proper fund, we can keep this project in different level.