Green University of Bangladesh
Department of Computer Science and Engineering (CSE)
Faculty of Sciences and Engineering
Semester: (Spring, Year:2022), B.Sc. in CSE (Day/Eve)

LAB PROJECT PROPOSAL
Course Title: Structured Programming Lab
Course Code: CSE 104   Section: DC

Student Details

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Submission Date: 12/03/2022
Course Teacher's Name: Md. Sultanul Islam Ovi

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1. **TITLE OF THE PROJECT PROPOSAL**
   Bus Reservation System in C.

2. **PROBLEM DOMAIN & MOTIVATIONS**
   The motivations for this research project came from needs to provide an efficient and fast-full way for passenger to book their bus ticket.
   - Mo1: To solve the Passenger hesitation to book the ticket.
   - Mo2: To ensure passenger can choose their seat and time easy way.
   - Mo3: To ensure all the facilities of modern technology.

3. **OBJECTIVES/AIMS**
   The aim of this project is to develop a bus reservation system for the passengers to satisfy them with all effectiveness facilities.
   - Ob1: To minimize the number of staff at the ticket box and the counter.
   - Ob2: To enable passenger to check the availability of the bus ticket and book in advanced.
   - Ob3: To increase work flow, accuracy and reduce the work amount and time.

4. **TOOLS & TECHNOLOGIES**
   - Tools1: A Computer
   - Tools2: Programming Language C.
   - Tools3: A Code Editor Code Blocks
   - Tools4: A Database with all dedicated bus and seat information.

5. **CONCLUSION**
   Technology has changed a lot in recent times. Now everything in our daily life is dependent on software. In order to keep pace with this modern technological breakthrough, all bus services need a software based reservation system. If it happened then it will be helpful for both the passengers and the admin user of the bus service. By create and implementing this project near future we can make the service more accurate and suitable.