**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)**

**Lab Project Proposal**

**Course Title: Algorithm Lab**

**Course Code: CSE 206 Section: 211-D5**

**Student Details**

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| **Name** | **ID** |
| **MD YEASIN ARAFAT** | **211002121** |

**Course Teacher’s Name: MS. MS. ARPITA DAS**

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

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| **Project Proposal Status**  **Marks: Signature:** |

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| **Comments: Date:** |

**1. TITLE OF THE PROJECT PROPOSAL**

ATM Machine

**2. PROBLEM DOMAIN & MOTIVATIONS**

The project's goal is to design an ATM machine:

This project is basically based on a concept of managing an account personally. The whole system is designed in C programming language. It develops the general idea of how the deposit money, withdraw money and check balance which all about related to algorithm and data structure.

The user interface is quite simple with a normal screen design so that consumers can easily get familiar with it. The consumers are so satisfied with this system because they can easily check the details and provide service to each and every customer.

**3. OBJECTIVES/AIMS**

* To reduce the time for the organization
* To increase efficiency and accuracy of the system
* This C program code is able to show the ATM Transaction.
* For logging to the ATM Machine, it holds pin verification system.
* Using this ATM program, a user can also view the balance in the account.
* This ATM program in C even assists with cash withdrawal.
* We can also use this ATM machine program for cash deposition.
* To make the system more feasible
* To reduce a significant amount of paperwork
* To make the system more reliable to avoid any
* ambiguity.
* To make the system more flexible

**4. TOOLS & TECHNOLOGIES**

○ Programming language C.

○ CodeBlocks

○ Operating system Windows 10.

**5. CONCLUSION**

My project and implementation are on ATM machine. I have successfully completed it. I take this opportunity to express our sense of indebtedness and gratitude to all those people who helped us in completing this project and implementation.