

**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: STRUCTURE PROGRAMMING LAB**

**Course Code: CSE 104 Section: DA**

**Student Details**

| **Name** | **ID** |
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**Lab Date : 15.02.2022**

**Submission Date : 21.02.2022**

**Course Teacher’s Name : Md. Solaiman Mia**

**[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 :**

**Digital clock in C**

**2. PROBLEM DOMAIN & MOTIVATIONS:**

• We use a clock to measure the time.

• A digital clock shows the time by digit. It’s very helpful and useful for us. It helps us to lead a clock is an important material in our daily life. We can not think a single day without routine / regular life.

• Due to the importance of Digital clock I got interested to make this project. • The main motive behind this project is to develop a system which will be able to a clock in which the hours,minutes,and seconds are indicated by digits, rather than by hands on a dial.

**3. OBJECTIVES/AIMS:**

• The objective of this project is to design a twelve hour Digital Clock that displays the time digitally, in contrast to an analog clock, where the time is indicated by the positions of rotating hands.

• A digital clock for displaying time in hours, minutes and seconds.

• The program will show the user the time.

**4. TOOLS & TECHNOLOGIES:**

This section will contain tools and technologies which you will use for your whole project. • Operating system: Windows 10.

• Software: Code block.

• Compiler: MinGW.

• Concepts used in Project:

1. Decision making: Switch case.

2. Loop: WHILE loop.

3. Function: User define function.

4. Array.

5. Structures: User defined data type.

**5. CONCLUSION**

This program will provide the time inside the process automatically. It helps us to maintain our routine and schedule.

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