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

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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: .....**

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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