Project Proposal

Title: <u>Real time digital clock using ardiuno and seven segment display</u>

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Course Code: CSE 331

Section: 05

Group: 12

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Project Name : Real time digital clock using Arduino uno & seven segment display

Components :

-> Three 7 segment 2 digit common anode display (7SEG-MP X2-CA)

-> Aurduino Uno

-> DS1307 serial real time clock (rtc)

-> Six 120 Ohm Resistor

Description of Project :

The software we use to buildup the Real time digital clock using desktop app of Arduino version (1.8.13) for coding and compiling & proteus 8 professional for simulate the circuit. We used DS1307 for getting serial real time clock display through the Arduino Uno and we use three 2 digit 7 segment common anode display for showing the Time in Hours, Minutes and Seconds simultaneously.