HINDI WORD CLOCK

INTRODUCTION

A word clock is a type of clock that displays the time using words rather than numbers. Instead of using traditional clock hands or digital numbers, a word clock uses a grid of letters that light up to spell out the current time in words which adds a touch of personalization to any space.
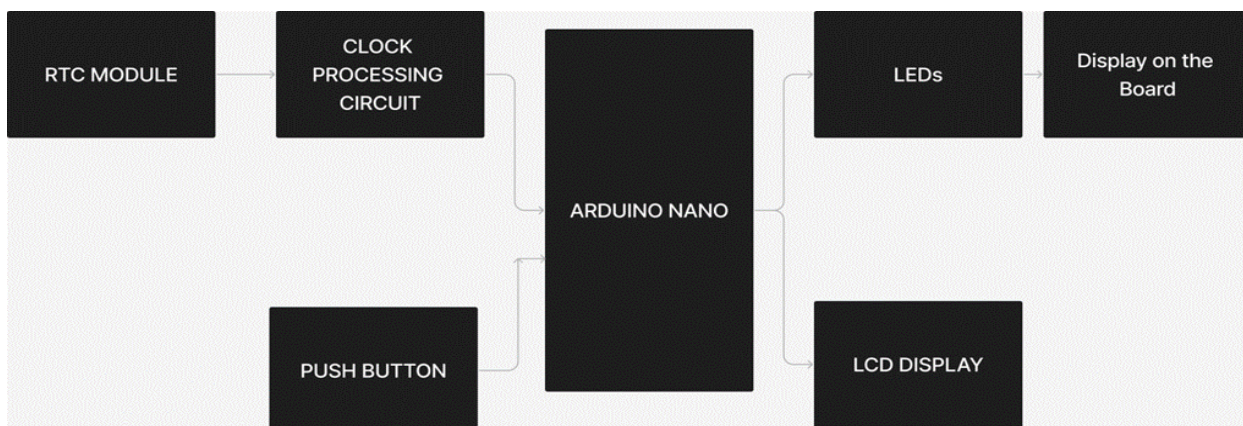
What sets this word clock apart is its "Hindi" language in which it displays the time. This makes the it comfortable for the Indians unknown to English language to use the clock. This simple yet powerful device allows users to adjust the date and time whenever needed at the touch of a button. An additional feature in which the user can see all the possible time with just one touch of a button adds to the quality of the clock.
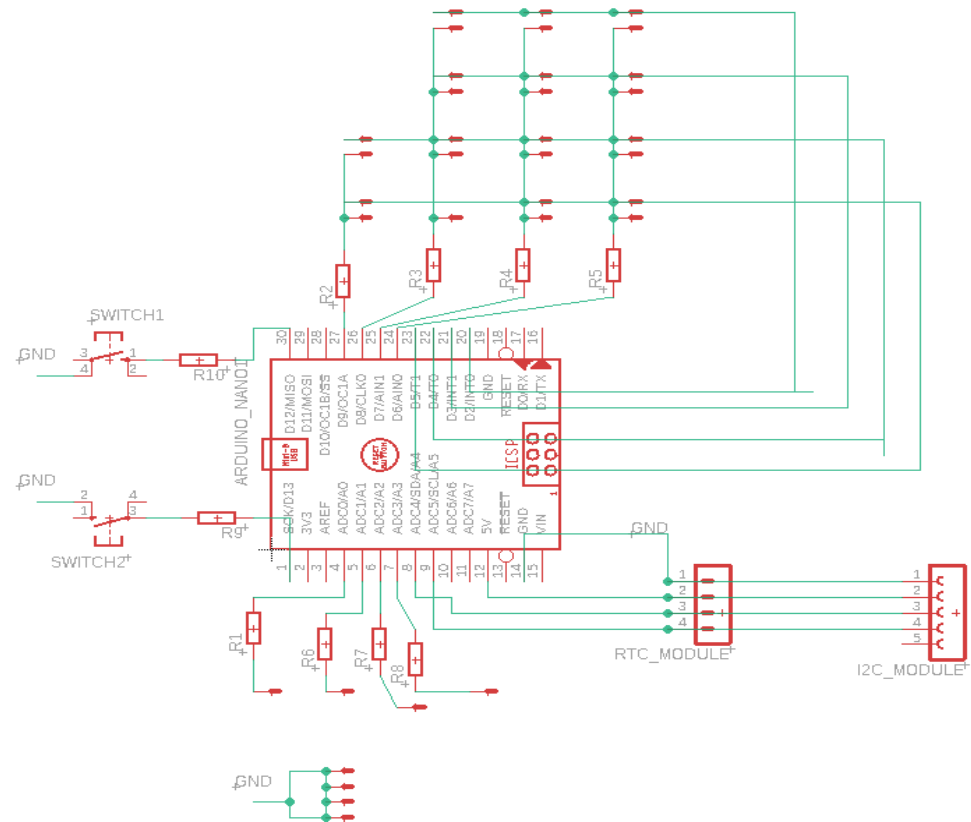
DESCRIPTION

We aim to create a 'HINDI WORD CLOCK' which is similar to that of a regular word clock, which is to display the time in a unique and visually appealing way using words. However, the difference is that the Hindi word clock uses the Hindi language instead of English or any other language. It typically consists of a grid of Hindi words or numerals, where certain words or numerals are illuminated to indicate the current time in the 12-hour format. The time is displayed at an interval of 15 minutes i.e. the least count of the clock is 15 minutes. The overall effect is not only functional but also adds a touch of cultural significance to a room, particularly for those who speak or appreciate the Hindi language.

BLOCK DIAGRAM

The block diagram for the project is given below:

CIRCUIT DIAGRAM

FABRICATED PCB

WORKING PROJECT