

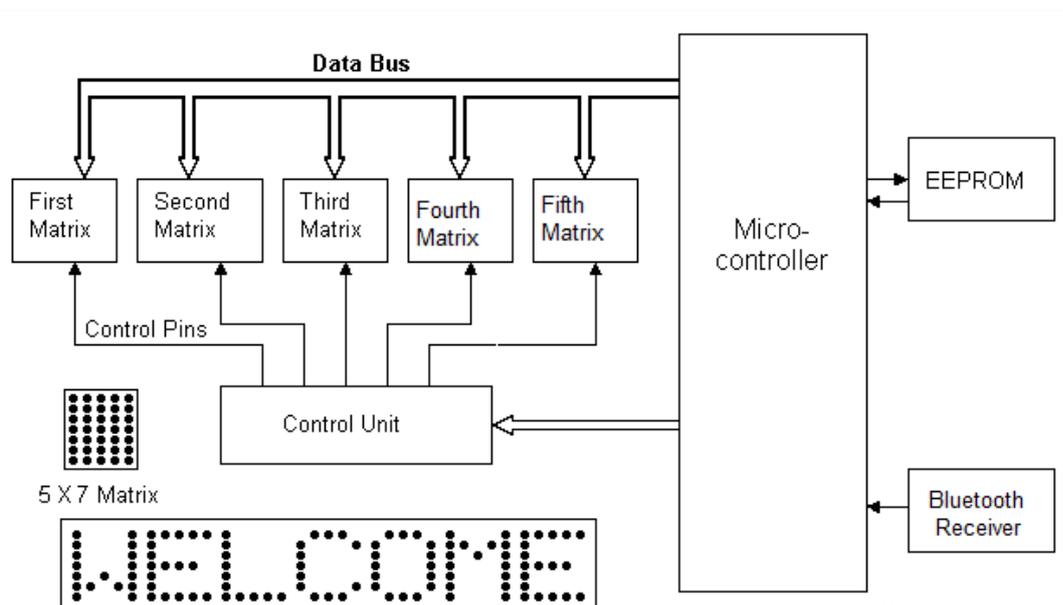
# Android Controlled Electronic Notice Board

## **Description:**

This project has a Rolling display which can be used as Electronic Notice Board. This Rolling display is made up of Matrix LEDs. Android mobile can be used to change the message displayed on the Electronic Notice Board. This Electronic Notice Board is made up of Matrix LEDs.

Whenever a user turns on the power display then the system displays a default welcome message on the Rolling display. Whenever a user needs to change the message on the Electronic Notice board, then the user has to type a message on an application installed on Android mobile and send it to the microcontroller using Bluetooth technology.

## **Block Diagram:**



**Component:**

1. Android mobile with application installed (Android app)
2. Bluetooth receiver and Bluetooth decoder.
3. Microcontroller
4. Rolling display using Matrix LEDs
5. Buzzer
6. LCD display

**Applications and Advantages:**

1. This project can be used public places as well as hospitals and private companies, schools, colleges and universities.

**Future Development:**

1. We can add multiple displays to increase the size and length of messages displayed.