GOVERNMENT COLLEGE OF ENGINEERINGERODE

B.E Electronics and Communication Engineering

NOISE POLLUTION MONITORING

Name of the Student: Sahaana Priya C

Naan Mudhalvan Register no: au731121106040

Under the mentor of

Dr. M. Sathyakala

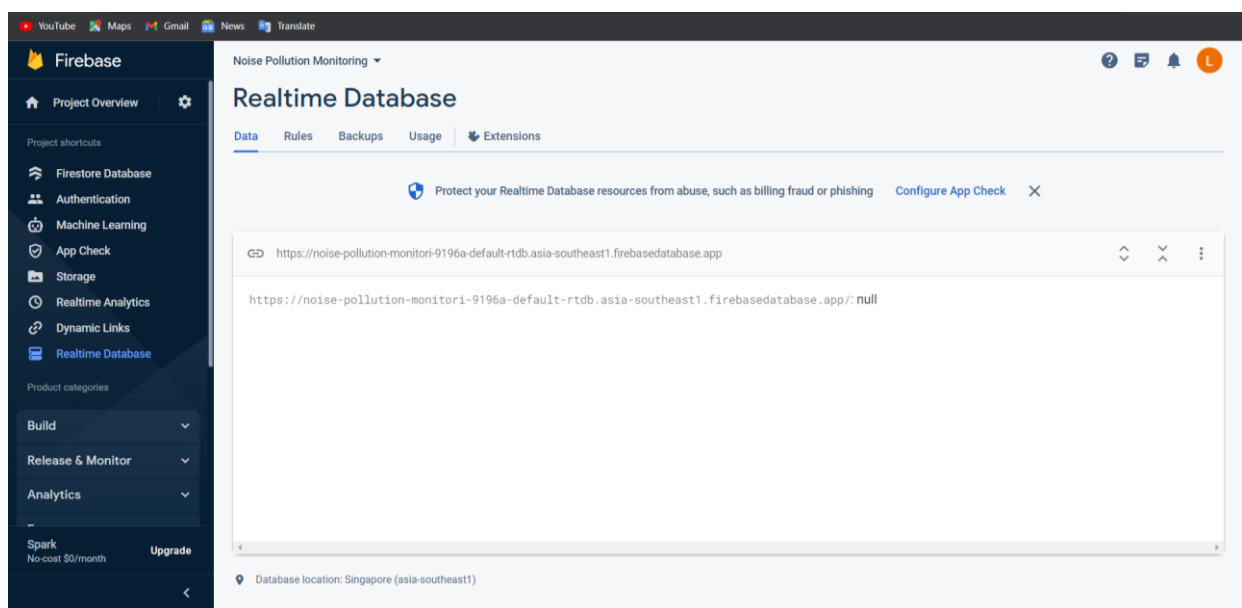**Assistant professor, Department of IT**

Department of Electronics and Communication Engineering

Government College of Engineering

Erode, PO, near Vasavi College, TamilNadu-

638316,Affiliated to Anna University,

Chennai.

INTRODUCTION:

The application for the noise pollution monitoring is developed using MIT app inventor and the real time database is linked with this app. The sound level and intensity level detected by the sensor is displayed in this app.
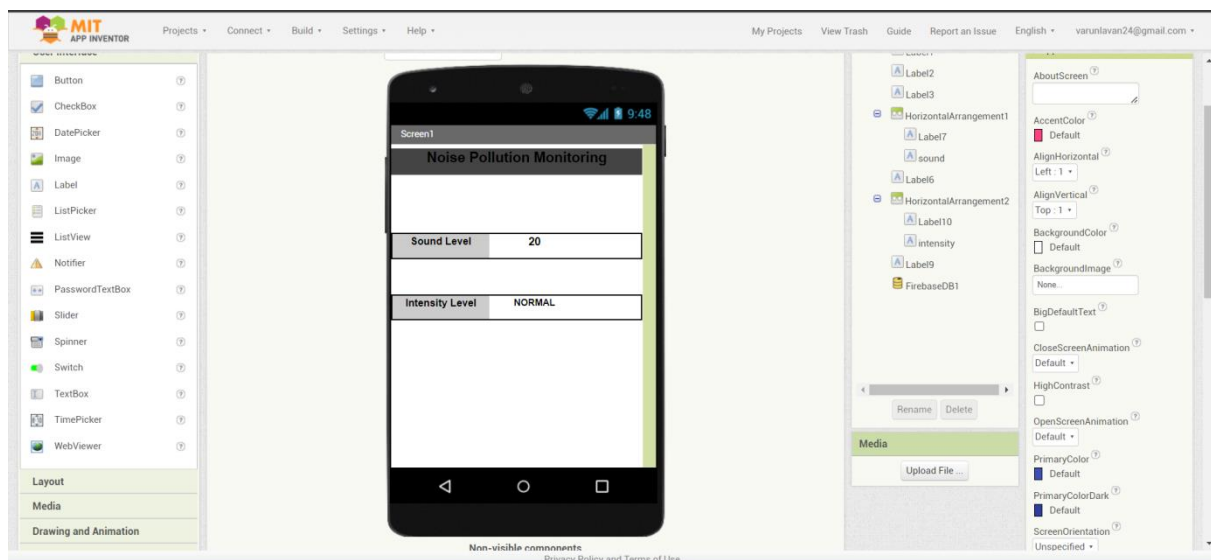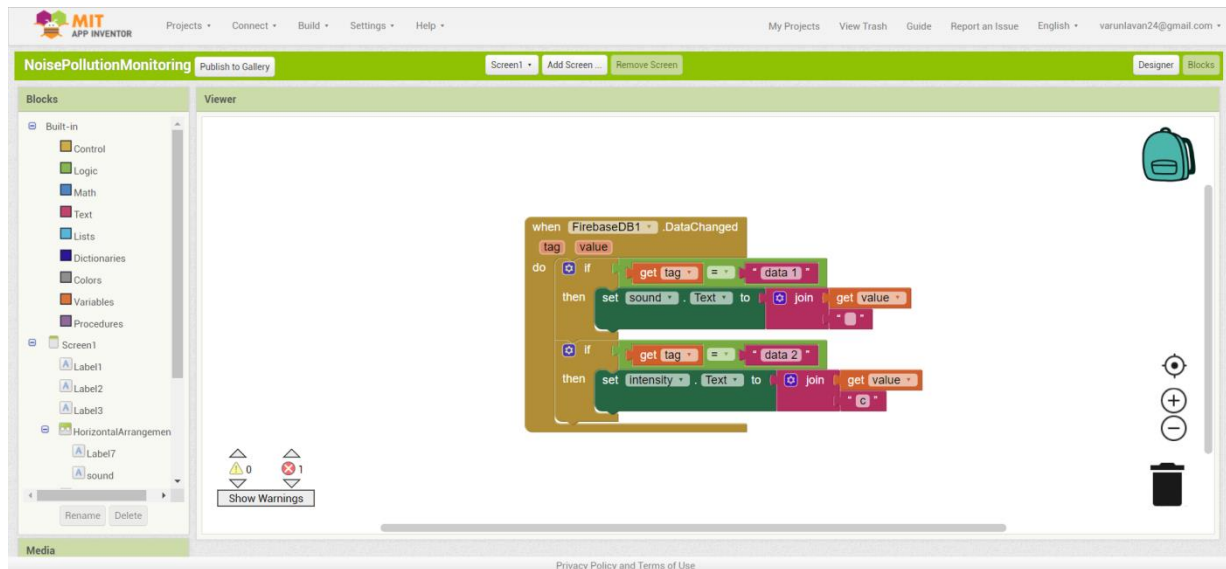
REAL TIME DATABASE USING FIREBASE:

A real time database using firebase with necessary configurations was created, which is used to store the collected real time data which was detected by noise sensors.

MIT INTERFACE:

The home page is developed using MIT app inventor. The home page shows the level and intensity of the noise.

CONCLUSION:

Wi-Fi based app is created to monitor the noise. The level of noise is measured by noise monitoring systems installed in the appropriate geographical area. It will be helpful for people to know about the noise levels in the particular areas. The system will be installed near the areas like industries, schools, railway stations etc., to detect the noise level. So that further measures can be taken to reduce the noise.