**ABSTRACT**

The primary purpose of the “**CONNECTED HOME ENVIRONMENT SYSTEM** “is to monitoring indoor air quality and security of the home.

Security camera mainly helps to keep track of the people who visited home. Surveillance camera using raspberry pi is setup in the pin hole of the entrance door where you want to monitorvisitorsusing motion of that person and stream video containing the motion and stored in the cloud and accessed remotely using a mobile application.

Indoor air quality monitoring device will monitor different types of gas levels detected in the home. Mainly gases like carbon dioxide, oxygen, LPG levels are detected and this data can be viewed using mobile application with an access to the cloud. If the temperature level exceeds then it will send a notification to the mobile application which can be viewed remotely.