

SMART ALARM CLOCK

ABSTRACT:

This is an intriguing IoT project concept. This Internet-of-Things-based alarm clock can transform into a fully-functional device capable of doing a variety of activities in addition to waking you up every morning. This smart alarm clock has the following features:

Voice commands can be used to carry out regular instructions as well as to start a video conversation.

A text-to-speech synthesiser is a device that converts text into speech.

Automatically alter the brightness of the display

Controlling the volume of an audio amplifier

Text is displayed on an alphanumeric screen.

You can also add customisable features to the smart alarm clock in addition to these. Surprisingly, the alarm clock may wake you up in three different ways: by playing local mp3 files, melodies from the radio station, or the newest news updates.

BLOCK DIAGRAM:



PROBLEM STATEMENT:

The goal of this project is to create an Internet of Things (IoT) Smart Alarm Clock. The goal of the project is to assist students in developing practical IoT device expertise.