**Objectives**

The **SENSE system** is a next generation analytics search engine which integrates sensors and big data extracted from multiple modalities, such as CCTV cameras, social media networks, and human sensors. The SENSE system includes components for:

1. Collection and analysis for each form of data (i.e., images, videos, and text) individually.
2. Making intelligent sense of the combined data in multiple modalities, including making appropriate reactions to the sensed inputs.
3. An event alert engine for multiple channels such as web, email, and mobile applications.
4. Interactive user interfaces for easy viewing and searching of event alerts, and for users to report and share information with other people.

**Web User Interface**

A web user interface is available for searching and viewing of events produced by the SENSE system, and to display alerts as and when events are generated. Users can also report events to the SENSE system. Simple visualization of the generated events is also provided.

**Applications**

The SENSE system is architected for the ease of developing modules and plugging them into the overall SENSE system. This facilitates the building of applications for various domains for both research and industrial purposes.