**Group Members:**

1. Inshal Jamal ( Group Leader )
2. Zeeshan Imran
3. Moiz Madni Khan
4. Hammad Ibrahim
5. Muhammad Anas

**Introduction:**

The project will be based upon Real Time Object Detection with Audio Alerts. This will use Python as main programming language and will use several libraries such as OpenCV, Pyttsx3 and etc. The main purpose for building this project is to experience the hardware world as well as to create something interesting.

**Working of the Project:**

The app will first open a web camera and detect the present objects through it. The objects could be anything like Human, Animals, Pens, Vehicle and etc. It will also check if there are more than one object is present, if it is, then it will detect those as well. The detection will be heard through Audio using some specific library used to convert the text to speech. There will be pre-trained models that we’ll define as per our requirements to make the program as much efficient as we can.