**In this project the interface will pop-up to input user data as in mp4 format such as video and after the user data was verified if that was in the required format and the application will check for corrupted data and files and after verifying the application will complete the pre-processing phase and it will convert the video into images and for this the system will take frame by frame the action will be considered for every millisecond from any abnormal activity has been identified and from that phase the application will converted that frames into grayscale for better identification of people as well as objects.**

**The next phase involves the subtraction of unwanted objects from the frames and any noises from the images will be removed and then the wanted images and people will be marked within the circles for searching and the people will be searched throughout the database of the government and the characteristics that are being considered are facial, fingerprints and retinal factors and the application will display the images of the all people that are present and their contact information as well. Then the second phase will involve live broadcasting and will scanning the live environment.**

**In this research I came to know that unsupervised learning algorithm can be used for the better and effective results in detection of anomalies in surveillance cameras. We hope this prototype will be approved and can be modified for many upcoming challenges that are to come and from surveillance video footage to live webcam we developed this prototype using CNN method and by calculating Nodial access of person and keeping in threshold energy limit for webcam model.**