**SMART WATCH**

**ABSTRACT:**

We live in a world with lot of security features for our electronic gadgets like mobile phones but less for women’s safety. Crimes like kidnapping, murder, snatching, harassments have become a quotidian event that happens somewhere in all parts of the World. Not only women’s, but also kids and men are facing to security threats. There are several devices and applications available for security purpose, but many are accessible through cell phones. Sometimes it is not possible to carry phone everywhere to call or notify someone when we are in fright situation. So, we suggest them to use a wearable device like smart watch.

Already smart watches were used to check the health parameters as well. Now as an additional feature, this smart watch is provided with a sound recognition program where the user is asked to register his voice command to enable this security feature. Whenever the user is exposed to a vulnerable situation he/she may ask to say the particular command. If that command exactly matches the initially registered command, with the same voice, it will automatically detect the nearby police stations and sends the user’s location using GPS/GSM. It is will be more helpful for the cops to reach that location immediately. Also, live video captured by the mini camera fixed in the watch will be activated. This will send live video to the cops to see the victim and eradicate the crime.

Watch Components:

1. GPS Sensor
2. Sound Sensor
3. Digital Watch
4. Panic Button
5. Health Sensors (Energy level, Temp ect)