DIGITAL WEARING TO AVOID TO SILENT ATTACK

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Abstract- **In this paper we will discuss about enumerates devices or mobile enumerate devices which make our work easy and comfortable. Through this we will break the rackle through table. The combination of microcomputer devices which make competition in the market to make smart wearing devices. Smart wearing devices are wireless and through this we can send mail, voice mail. It also store information like password, ID no, account no. etc.**

Keywords- **Mobile enumerates devices, smart wearing devices, rankle.**

Fig-1:Wrist digital wearing

I.   INTRODUCTION

The requirement of computer increases the craze of the smart wearing devices to store information and for communication. The computer vogue, "Digital Wearing" glances to be the next frizzle fashion trend of technological wave.

The combination of micro-devices and enhancing computer power has some of companies to produce Digital Wearing with embedded intelligence. A wearable Device that gives a good look also makes our life easy and comfortable through this miniature device. Through this we can make calls, send messages, and work like keyboard and mouse.

II.   WHAT IS DIGITAL WEARING

Digital Wearing is vogue jewellery with artificial intelligence. Digital Wearing helps us to measure temperature of the body, measure heart-beat per second and use for security purpose. Digital Wearing is a fledgling catchphrase for wearable ID devices that

carry personal information like passwords, bank account information. It has power to replace driver's license, business card, credit card, and Atm card, health card etc. A fashionable Device that make our efforts easy and make our work simple in this hectic world.

Fig-2 Eyeglass digital wearing

Company like IBM Working on this device and made some several devices like Java ring, IBM magic decoder ring etc. to store information and for replacement of keyboard and mouse.

form of signal. There was a sensor in those devices to sense a do particular work.

Fig-3 Wearable Handwriting sensor

Fig-4Digital Bracelet

III. DIGITAL WEARING AND COMPONENTS

The concept of Digital wearing is lumping of so many components inside a mobile phone and packaged them to make Digital wearing where people can wear it. The lots of components inside a mobile phone like Receiver, microphone, Display, Touchpad, Circuit Board, Antenna, Battery etc.

The following components are:

- Earring- Speakers embedded into this jewellery will work as phone's receiver. Bluetooth also used in wearable devices like in pendants or earring that enhance the wearable devices.
- Necklace- Microphone is embedded in this so user can send message and receive it from other on e
- Ring- The LEDs (Light Emitting Diodes) used in for indicating incoming call. It also flashes different colors for different caller that indicate importance of call.
- Bracelets- equipped with a video graphic array (VGA) Display. That is use for caller identification With Digital Wearing, the keypad embedded into the bracelet. Voice recognition is used to make calls this is already available in cell phone. We have to just mention the name of that person then the phone will dial to that person. The information transfer in

Fig -5Digital Bracelet

IBM worked and designed prototype of mobile phone that consists of various part of Digital Wearing that work together wirelessly with Bluetooth wireless. IBM also works on a miniature rechargeable battery to charge it.java ring also invented that has 134KB of RAM, 32KB of ROM.

IV. OTHER DESIGN AVAILABLE IN MARKET

- **Garnet Ring** It contains microprocessor. Its vibration indicates that you have to receive the message from someone.
- **Garnet Broach** A miniature device use for recording message by pressing a small button on the side.

- **Red Ruby Necklace** It embedded with a microphone and the button is in the down side we can record our message by simply pressing a button.

Fig-6 Red Ruby Necklace

- **Java Ring** It is use for protecting purpose. it can automatically unlock the doors and log on the system. Even this is protected by password. Java ring is snapped into a reader called Blue Dot receptor to allow send information and receive between host and java ring.

V.   ADVANTAGES

- Wireless technology
- Portable
- Security provides
- Communication

VI.   DISADVANTAGES

- Small display
- Harmful rays
- Expensive

VII.   FUTURE SCOPE

Charging the devices all the time is not an easy task. so, we know that through motion our body generate kinetic energy. Through this kinetic energy we can charge the battery of devices. That makes the way easy to use and comfortable.

CONCLUSION

The concept behind smart wearable devices is to have a wireless and make it attractive and fashionable in modern world. It is use for security as well as for fashion that indicate our standard of life or updating in the new era. It eliminates the computer one's desk work or free from the desk. We use it as for security purpose and we can store password and much information that we want. Wearable devices also give a comfort zone to patient.

Although, there are number of features of wearable devices. But there is also limitations that still serve as the set back.

Conclusively, we are moving in fifth generation of computer world where portables and small devices are   the part of human's dressing. Through these devices we can find out the temperature change in our body and heart rate. Make the patient bed free or hospital free. Give a relax environment to the patient or human being.,

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