

Hardware Requirements:

- Arduino Mega [ATMEGA 2560].
- GSM SIM 800C.
- GPS Neo 6m.
- 20X4 LCD.
- I2C LCD Driver
- 7805 Voltage Regulator.
- Heart Beat Sensor.
- DS18B20 Temperature Sensor.
- 1x4 Switch.
- ESP8266-12E
- Push Button
- Logic Level Convertor
- Buzzer
- LED
- ESP32
- OLED
- Jumper Cables

Software Requirements:

- Arduino IDE
- Android Studio Languages Used:
- Embedded C
- Java

Functional Requirement:

- System should track the location.
- System should support the live video monitoring.
- System should properly interact with the smart belt.
- System should be able to store and view the recorded videos.