Annotation

In the submitted final work, a digital bracelet for alerts and navigation is developed based on the Arduino Nano microcontroller. The bracelet helps to ensure personal security for its user by monitoring the location and notifying a proxy in case of a threat. When developing the bracelet and implementing the program, we used a specialized development environment for Arduino microcontrollers - Arduino IDE, built and using the C ++ language. Further introduction of the digital bracelet on the market will contribute to the safe movement and additional protection of the user, necessary when staying outside the home, which is the main task of the development.