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March 11, 2024

Assignment # 1

ENT 3952

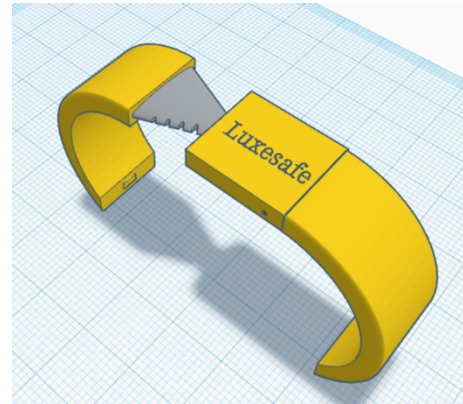
Luxesafe – “A Safer Night Out”

The problem of personal safety at parties or even social events comes from all the vulnerabilities we face when we are in unfamiliar places, surrounded by people we may not know, and often, a bit intoxicated. All these factors create opportunities for our personal safety to be compromised. The risk of theft, harassment, and even physical harm is higher. Not solely physical but being concerned about our personal safety also affects us mentally and emotionally. We may experience anxiety, fear, and uneasiness when we are out. These feelings can distract us from truly enjoying ourselves, keeping us worried and with our guard up. Yet, the problem still extends beyond just us as an individual. Our close friends and family will also share this concern. With the Luxesafe, you'll receive some peace of mind knowing you'll be a bit more prepared in case anything bad happens.

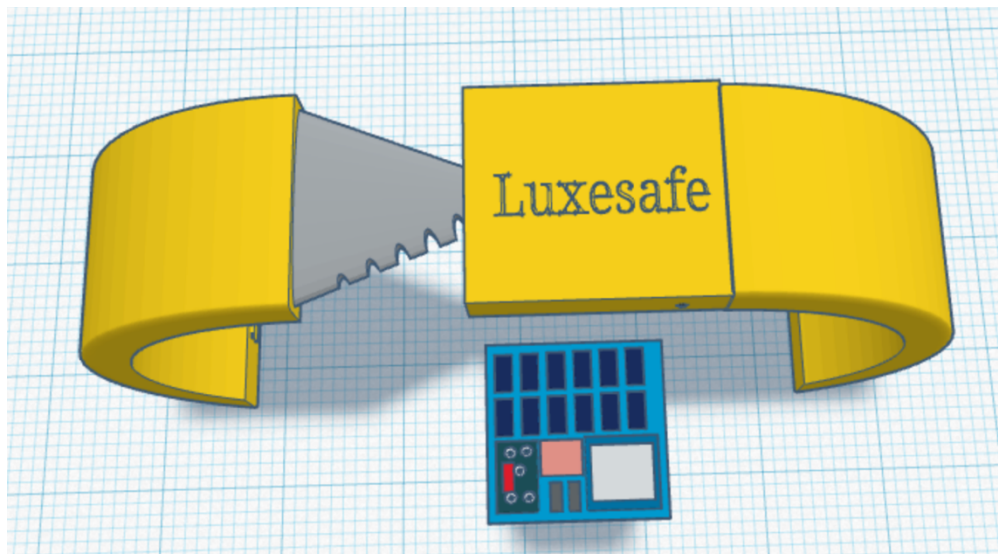
While there are many products out there that are intended to provide personal safety features, many are inconvenient. You may have to carry extra items, which could be lost but one of the major problems Luxesafe solves is being able to get past security at clubs without having your protection confiscated. Luxesafe's design will have anyone thinking that what you're wearing is just a fashionable piece of jewelry. This gives you the benefit of conceal carry.

Luxesafe offers a comprehensive, practical, and elegant solution to the problem of personal safety at any event or simply for going out. The bracelet's key features include:

- **A Discreet Design:** The design is very minimal. This makes it effective for concealed carry. Not even X-rays will not pick up the blade or any of the tech inside of the bracelet. Also, has a IP68 rating making it extremely water resistant.

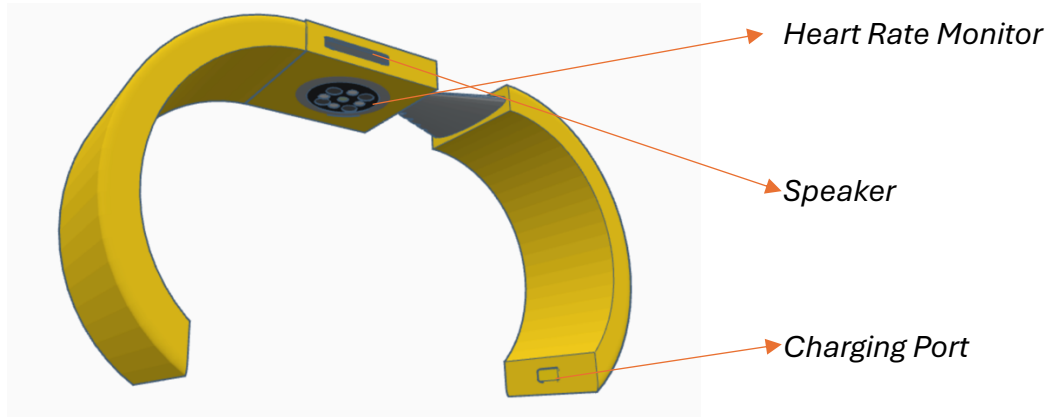


- **GPS Tracking via Satellite:** This means, no cellular connection is needed. Once registered online, the bracelet allows for real-time tracking and provides an option to add emergency contacts.

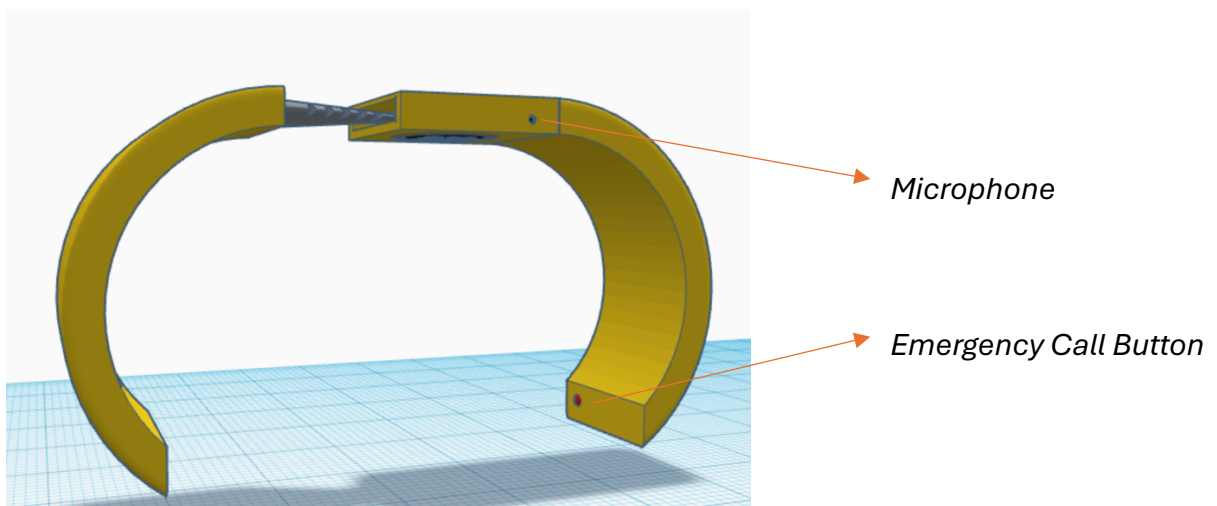


GX7000 Mother Board

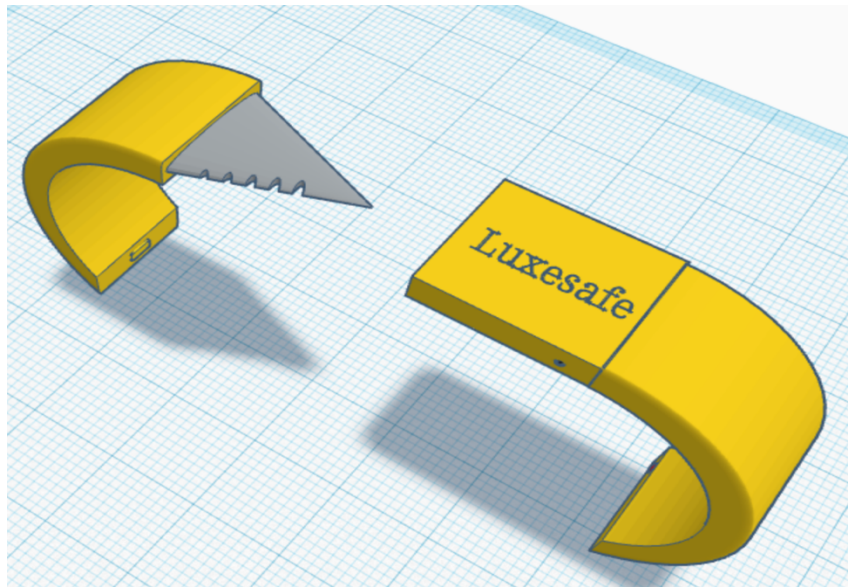
- **Heart Rate Monitor:** Ensures that the bracelet is being worn by the individual. In case the bracelet is detached, it will take note of this. Customers have the option to send notifications to their emergency contacts if this happens. It will give them a time stamp + location.



- **Satellite Phone Calling to #911:** Features a built-in mic and speaker for making emergency calls to 911 + option to share location via satellite + notify EC a 911 call was made.



- **2-inch Knife:** an accessible tool for self-defense + any emergencies where a knife is needed. (ex. Cutting a seat belt after a car accident)



- **Customization:** with bases in gold, silver, or titanium, ensuring that safety does not compromise style. These are bases, you can later take it to a jeweler and customize it further.

