

## **Problem statement**

Most women who haven't had their menopause get a visitor at least once per month. This visitor called period or menstruation is a problem that causes us to spend money on pads, menstrual cups, or tampons. Since these supplies are recurring expenses that we cannot avoid, we need practical and effective products that do not break our bank accounts. When women are in that time of the month, and it is bath time, we either have an additional black or red towel, use paper towels, or stain our towels when we dry ourselves. Keeping in mind that we are supposed to wash our towels at least once per week, having blood stains all over your towel is a problem not only because it might permanently stain your towels, causing you to have to buy more of them, but because it contributes to all the bacteria that your towel probably already has. While your own bacteria will not kill you, they will certainly not benefit your skin. For example, the bacteria accumulated in your towel will contribute to acne. Also, according to AARP doctor Dr. Mehmet Oz and NSF International tested several towels used for more than seven days, and "levels of E. coli found at two weeks could potentially cause a serious illness or infection if ingested, or if it comes in contact with an open wound." This amount of bacteria was found on regular images adding blood stains; the bacteria will increase even more.

Another problem is that most period products are made of materials that retain moisture, which is the perfect environment for bacteria to grow and live. These bacteria can cause infections. The inconvenience of menstrual pads that either give you a rash, don't fit your underwear, or don't absorb the fluid are a few of the reasons why we are always trying to find new alternatives to wear during our time of the month. That is why my product is made of a very absorbent material that reduces moisture.

## **The reason why you need this product**

1. This product is practical because you will not need to spend money every month for new pads or tampons that are one-use only, nor do you need to learn how to put, remove, and get used to a menstrual cup. With this undie, you can wear, wash, and reuse it.
2. It is convenient because it is very absorbent yet not showing. You don't need to worry about a heavy-duty undie that shows through your clothes.
3. It is innovative because there are many period undies on the market, but none of them solve the problem of drying yourself after showering.

In conclusion, this innovative menstrual system is helpful because you will be protected for nearly 12 hours without changing your pad twice or more daily. You will help the planet by reducing waste. The urgency of period underwear is big. For example, on Amazon, most period undies have thousands of reviews. One product on Amazon has 17,000 reviews and 16,963 verified purchases. This product should exist because menstruation exists. Because on those days, our hormones cause us to be easily irritated, we need a practical solution to make this ongoing cycle a little bit easier and less tedious. This product should exist because we need products that help us and the environment by reducing disposable products that contain plastics and other harsh materials. And because our period should not be adding more bacteria to the microbes our towel already has.