#### **Water Bottle Problem Statement**

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**Problem Statement:** Many people struggle to find a durable and reliable water bottle that keeps beverages at their desired temperature for long periods. While numerous brands claim to offer insulation, users often find that bottles fail to meet their expectations in terms of performance and longevity. A solution that truly balances insulation, durability, and affordability remains elusive, leaving users frustrated when they need a reliable container for daily hydration.

# Who is experiencing the problem?

Individuals who rely on water bottles to maintain hydration throughout the day, especially those with active lifestyles such as athletes, outdoor enthusiasts, and people with long commutes, are experiencing this problem.

## What is the problem?

The problem is that many water bottles on the market fail to keep beverages at the desired temperature for extended periods, and they often wear out or become ineffective over time, leading to frustration and a need for frequent replacements.

## Where does the problem present itself?

This problem presents itself in various everyday situations, such as during workouts, outdoor activities, long car rides, or even in office settings, where users expect their beverages to stay cold or hot for several hours but find that their bottles are not performing as expected.

### Why does it matter?

It matters because reliable temperature control is essential for staying hydrated and enjoying beverages in their preferred condition. The inability to find a durable and effective bottle leads to wasted money on replacements and negatively impacts convenience and user satisfaction, especially for those with active or on-the-go lifestyles.