

# Tracking Chips

Authors: Kendhall G. Lebrón Ruiz, Mitchell Lambert, Adrienne Luedicke, Carter Marlowe

## Problem Statement

Create an app that manages tracking chips for easily lost or stolen items like bikes, backpacks, or pets

### **Who is experiencing the problem?**

Anyone who frequently misplaces items and/or has been a victim of theft.

### **What is the Problem?**

Some cellular devices already have built-in trackers that allow the owner to locate them in the event that they are lost or stolen. However, there are many other valuable items that people would benefit from being able to track. Although trackers designed for specific items like cars or pets that can be purchased, there does not seem to be a way of integrating these items into a single system.

### **Where does the problem present itself?**

Any location where people misplace their items and/or experience theft.

### **Why does it matter?**

The ability to track an item that anyone considers valuable in cases where they lose it or have it stolen would be beneficial. It saves you time and it saves you money. And the ability to keep all things that need to be tracked in one integrated system allows for the user to easily be able to keep track of any item in the system.