

## Interoperability

options to enable users to track objects from different devices

Enable Virtual Assistants (Siri, Google, etc.) to find the tracker when you ask them for the location of the object

Integrate data from other apps, like FindMyiPhone, so the user only has to use one app for already existing trackers

Tracker should know its location using GPS but would need to communicate to devices using Wi-Fi or a cell signal

## Map

Map with all trackers

Be able to sort by individual trackers

Be able to draw out a map that shows the path of travel of the the tracker

Provide live distance information on the app, giving you an estimate of how far you are from the item

Keep track of location history

Filter by categories (vehicles, pets, etc.)

Track objects through signal given off from each object

## Updates & Battery

Alert user if tracker is having issues (low battery, etc.)

How often will it update?

How long will the battery last?

Long-lasting battery for less stress. After that, customers can purchase a new one.

## Security

Function to report theft

Alert user to suspicious activity

Notify the user if the object leaves a certain boundary

Set destinations & notify user when object/person has arrived

mark item as lost, modify when found

heat-map display areas of frequently reported lost/stolen items

app stores credit card info; if wallet lost, inhibit card usage until found

## Personalization

Provide personalized designs to trackers for individualism

Offer different types of trackers for different purposes

pet tracking: enable user to temporarily waive/extend boundary if the owner intends to bring them beyond it

features to adapt to changing conditions (water-proof if it could go under water, weather resistant if it will be outside)

pet tracking: enable user to set boundaries for their pets

User determines boundaries, which enable user to be notified when object is outside of those boundaries

user choice of to get either a keychain tracker, a thin tracker, or a sticky tracker that adheres to most surfaces

Option to show speed (for a car)

## Accessibility

Simple app with easy-to-use graphical user interface

Needs to be very simple to set up

Press a button in the app to make the tracker beep so it can be found easier

Offer a type that has flashing lights instead of beep (accessibility)

Naming function to give identities to each tracker

"simple mode" only shows some options; make more accessible

## Community

Share locations with other people

If someone finds your lost item, they can notify you on the app that they found it

Could be used for covid tracing?

community feature to share with others how you use the app

Ability to manage other people's possessions (for kids/elderly)