

LinkUs

Child Monitoring for the Visually Impaired

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Problem

Keeping track of young children while visually impaired.



Parents' Solutions

Public's experience:

- “How does Mom keep track of Khloe? Put bells on her boots.”
- “I'm a nanny for a two year old. I will either hold her hood or her hand.”
- “The fathers carry their child perched on their shoulders.”

Current “Solutions”

- Map, text message, child alerts
 - Tracks routes on map
- e-mail and textual content message notifications if a child leaves



[POCKETFINDER](#)

How we are different

Current Proof of Concept

- Arduino Beeps when child is too far from parent
- Uses Computer GPS Location tracker

Future Work

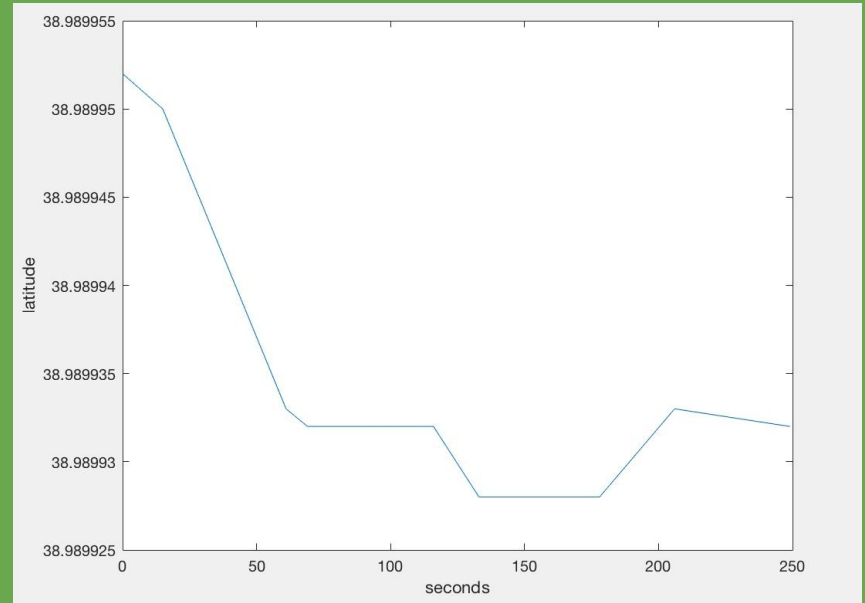
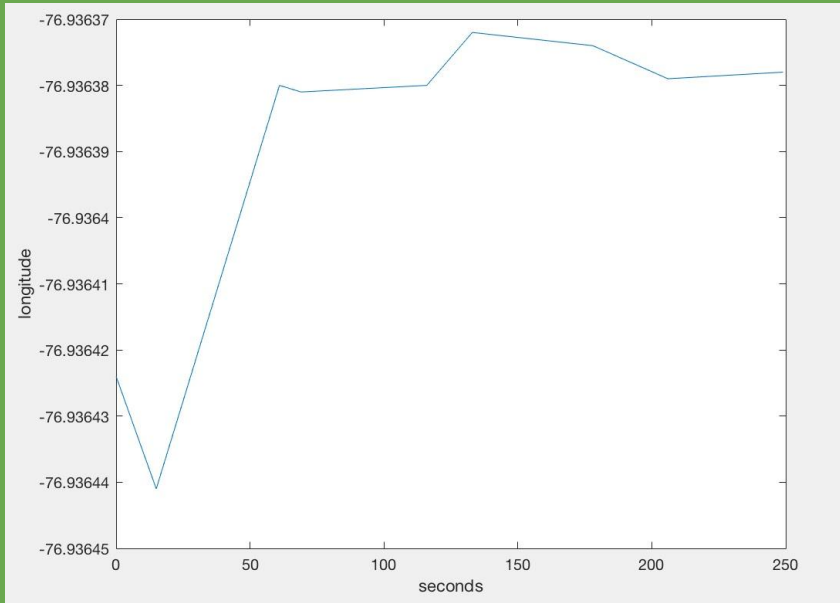
- Integrate with voice and Google Maps API
- Implement with more children
- Add call functionality



Demonstration

Watch this!

Accuracy Over Time



Market

- Visually impaired adults:
 - 6.8M in US
 - 108k in Maryland
- ~ 33k visually impaired parents in Maryland