Wear R You

Overview Tommie N. Carter, Jr./Srikanth Bandaru

Phone App

- Connects people to destinations
- Leverages cloud storage to share location data (with permissions)! Alternative: address entered locally
- When activated allows people to connect using Google Maps Directions API

Architecture

Overflow Menu (Contacts)

Address Field (Target)

Directions

Map

Mangement

Listens for tap events from wear device
Pass waypoint information to device from phone
Communicates with Google Maps API

Notificiations
Initiate intents when

Starts the service

Service

- Coordinates the exchange of location data
- Manages Notifications to/from Wear device
- Forwards user messages to chat app on phone

Notifications

- Activate on "near" waypoints
- Engage a short vibration on wear device
- Passes the information used to indicate directional travel

Broadcast Receiver

Initialize the service if it has been stopped

Interactions

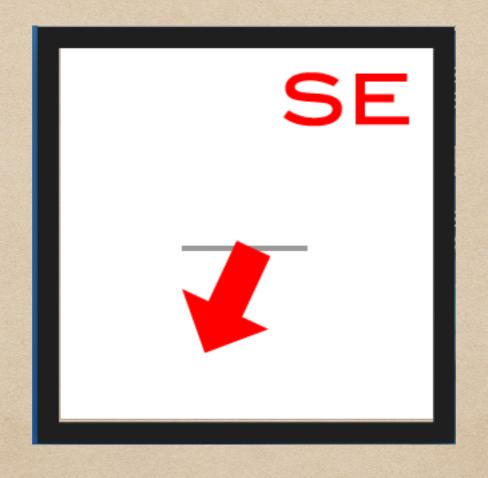
- People feel the device vibrate
- Tap once to see the direction
- Double tap shows short directional message for nearest waypoint ("Turn right at the 2nd cross street onto the Avenue of the Americas")
- · Swipe once (dismiss the view)

Vibration



Single Tap

(Shows Direction)



Double Tap (Shows Waypoint Info)

TURN RIGHT AT THE 2ND CROSS STREET ONTO AVENUE OF THE **AMERICAS**

Contact

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Questions/Discussion

Thanks for your time