



# Void Network Project Checkpoint

Group 8

Alpha Version

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Mobile Computing

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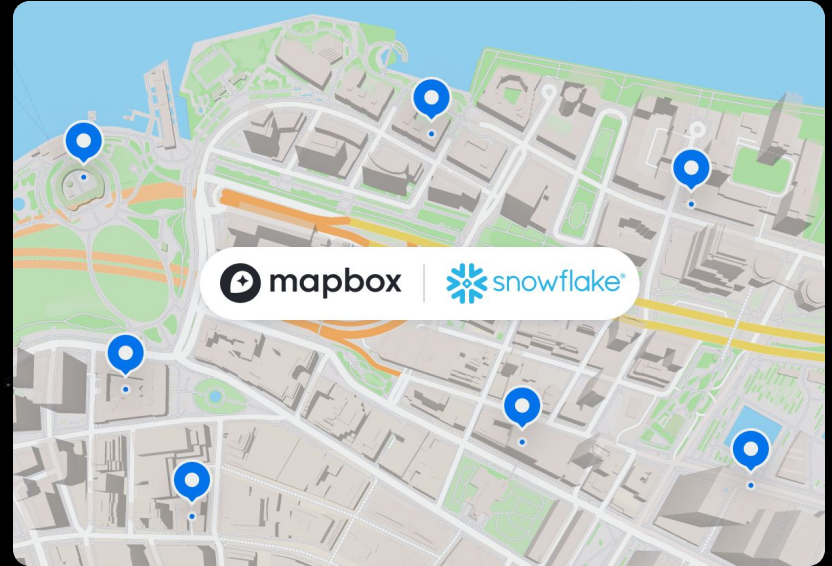
# Features Implemented

- **Signal Communication:**
  - **Automatic Communication:**
    - Custom signal languages
  - **Manual Communication:**
    - Vibration & flashlight communication
    - *Missing luminosity sensor*
- Languages and messages stored in firebase real-time database
- Anonymous firebase authentication to identify message senders



# Features Implemented

- **Map with Mapbox:**
  - Register portals, storing coordinates and street name in firebase
  - Displays portals in map
  - Shows distance to the registered portals
- *Missing camera with vision API*



# Next Steps

- Luminosity sensor
- Camera with vision API to detect portals
- Put everything together:
  - Communication
  - Location-based Portals
  - Camera & Image Detection
- 80's music player





Demo



Questions?