

The company Shabodi requires a network aware, modular code that will alert administration and the user of the device that they are approaching a restricted zone. It must use at least 2 API's and be demonstratable in their sandbox.

Must:

- Must use at least 2 API's
- 'Network aware' use public or private networks
- Cloud ready
- Demonstratable
- Application
- Modular
- Be able to run on Shabodi sandbox

Would like:

- Fast updates
- Able to easily integrate into other Shabodi applications
- Presentable to other organizations
- Runs on private networks – relating to enterprise
- Possible videogame map – teleporting tiles to floor maps
- Could be outdoor based, large mining zone – separated for safety
- Admin can make or change accessible areas
- Phone has altitude capability – possible use for floors
- Notification – similar to an amber alert

Other Applications (Technical Benchmark)/ user experience

- Life360 – Alerts based on leaving zones,
- - Able to set custom zones, requires internet/ data – public network
- Fairly accurate with tracking – able to get around VPN – GPS based
- - Looking for something similar but smaller scale and more accurate, (floors?)
- GPS is limited to horizontal plane, no floor based