

Project Group 16, Needs Identification and Problem Statement

Client Needs and Need Statements

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 – like an amber alert

Problem Statement

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.

User Benchmarking of Similar Products (Life 360)

- Help sets minds of family members at ease (may be related to areas of restricted zones due to danger)
- Had times of accident occurring without notifying family members

- Some signs of GPS not working as intended (showing the person as in a different street)
- Some complaints about customer support

Summary:

Users seem to be mostly displeased with unreliable GPS capabilities, and not notifying family members in an emergency. However, they are satisfied with the ability to verify locations of family members and their safety. This information was collected on the Life360 subreddit and the Trustpilot forum.

References