

Idea Name

Telecom Network map

Contact Persons

Rikard Mattson, rikard.mattson@ericsson.com

Problem statement or opportunity

Our researcher currently have to swap between many different phone apps to test the telecom network (latency, data loss, etc.) There is currently no good way to see which areas have bad connection in real-time out on the field.

Solution description

A mobile app that uses the phone's API for network data together with GPS to visualize on a map how good the connection is where the user has been recently. This data should also be logged and sent to a backend for later inspection.

Benefits from the idea

Field workers can easier detect where there are problems and therefore help to understand what the causes might be.

Resources & hardware requirement

Technology

React Native

Future possibilities