

## Spidey

## Wiki

---

- [[Concept]]
- [[Personae]]
- [[Meetings]]

# Meetings

---

[[20 March 2014 - Media Lab work session]]

## Discussion items

Neo

<https://surveillance.hackpad.com/Neo-Projects-W0xsZTZuxWc>

Neo is a digital products firm which does strategy, design, and development. We like to work in small interdisciplinary teams and play multiple roles. In the case of the codesign class projects we're looking to help out each project as we can. Each Neon has different skills so we'll need to know what help is needed. We generally fall along a spectrum of skills:

Lean Product Design

UX (User Experience)

Visual Design (UI)

Front End Development (web or mobile)

Backend Development

Operations & DevOps

Design Candidates

V1 - Simple train and diff

Train phone to detect cell towers in area (home, protest area, etc.)

Diff cell towers at a later time (during protest)

Provided data on known/unknown towers to user

V2 - Passive alerts

Train and persist data for a given location?

Ping server with location for known towers in range/area?

Alert user when difference (unknown tower) comes into view

V3 - Map locations

Show locations of known/unknown cell towers on map

V4 - Stingray sharer

Share data with others

Meeting notes

ONI - open network initiative

OONI - open observe network interference

Lookout - mobile antivirus software for android

- model for app that starts with one thing then progresses

Look for patterns in cell tower IDs and stuff like that

Diffing locations, names

This looks okay, this looks weird, this looks wrong (was good and now is gone)

blackouts, spying

Nice to have: specify that you don't want to connect to a cell tower, etc.

- Tell them not to connect to this network\_id.

- After identifying bad (rouge) cell tower/network, tell user to roam.

Scan -- what to do about it once something is detected.

Android share ? share data with anyone

Two landscapes of work

Coding/design of application

Copy

Website/google play store

About page for application

What to do about it page

Scan locations, home for example

GMS encryption off?

Action items

Jeff

Contact Neo for mobile UI designer and send detailed description

Copy notes to wiki

Come up with initial schema - fields per

cell table, scan table, locations

Rick

Google play page copy

# Personae

---

## Potential Users

The following are the various user personae we will be targeting:

Technologists

Activists

Security researchers

Criminals

Legal observers

## Technologists

---

### Biography

Brian is a technologist and loves gadgets. He always has the newest cellphone and knows everything about how it works. He enjoys spending time going through all of the advanced settings and screens on his phone and sometimes even takes apart the device to inspect the inside.

### Goals

Brian wants to use our project in order to gain more insight into how his phone is working.

## Activists

---

### Biography

Kelly is an activist who is upset with the income disparity between the 1% and 99% in the United States. She has been doing a lot of research on the topic lately and even attended the 2011 Occupy Wall Street protest.

### Goals

Kelly wants to use our project to know when

## Security researchers

---

### Biography

John is a security researcher with a focus on surveillance technologies and remedies. He's an advocate of open knowledge and attempts to bring awareness of surveillance problems to others whenever possible. He regularly reports police activity to the media -- most recently he spent time at the Occupy Wall Street protest and wrote an article about how the police used IMSI catchers to keep accurate and complete lists of the people in attendance.

### Goals

John wants to use our project to find out when police and FBI are using IMSI-catchers.

John wants to use our project to locate the IMSI catchers to attempt to get photo proof.

John wants to have proof of IMSI catchers to share with others.