

Notes for meeting on 1/26

Today we did lots of brainstorming as a team for ideas on plans. We started by making a web of problems we know cities face. We put all kinds of stuff, even if it wasn't related to technology. From here, we created a web of different tech ideas we liked that could be involved in creating a better city. Everything from mobile technology like smartphones, to renewable resources to make cities greener.

The next step we took was actually putting down ideas for making cities happier healthier and safer. Like the previous steps, there were no bad ideas, just ones we really liked. There was a wide range of ideas, from education improvements, to healthy lifestyle improvements, to transportation improvements.

The last thing we did during this meeting was narrow down our ideas to a few we liked and wanted to research more about. The idea we felt the strongest about was a mobile tech center, like an ATM that gave useful information to those who needed it.

Note: Pictures of discussion boards at the end of the document.

--Ben Makuch

Himanshu's Journal Entry.2/2/15

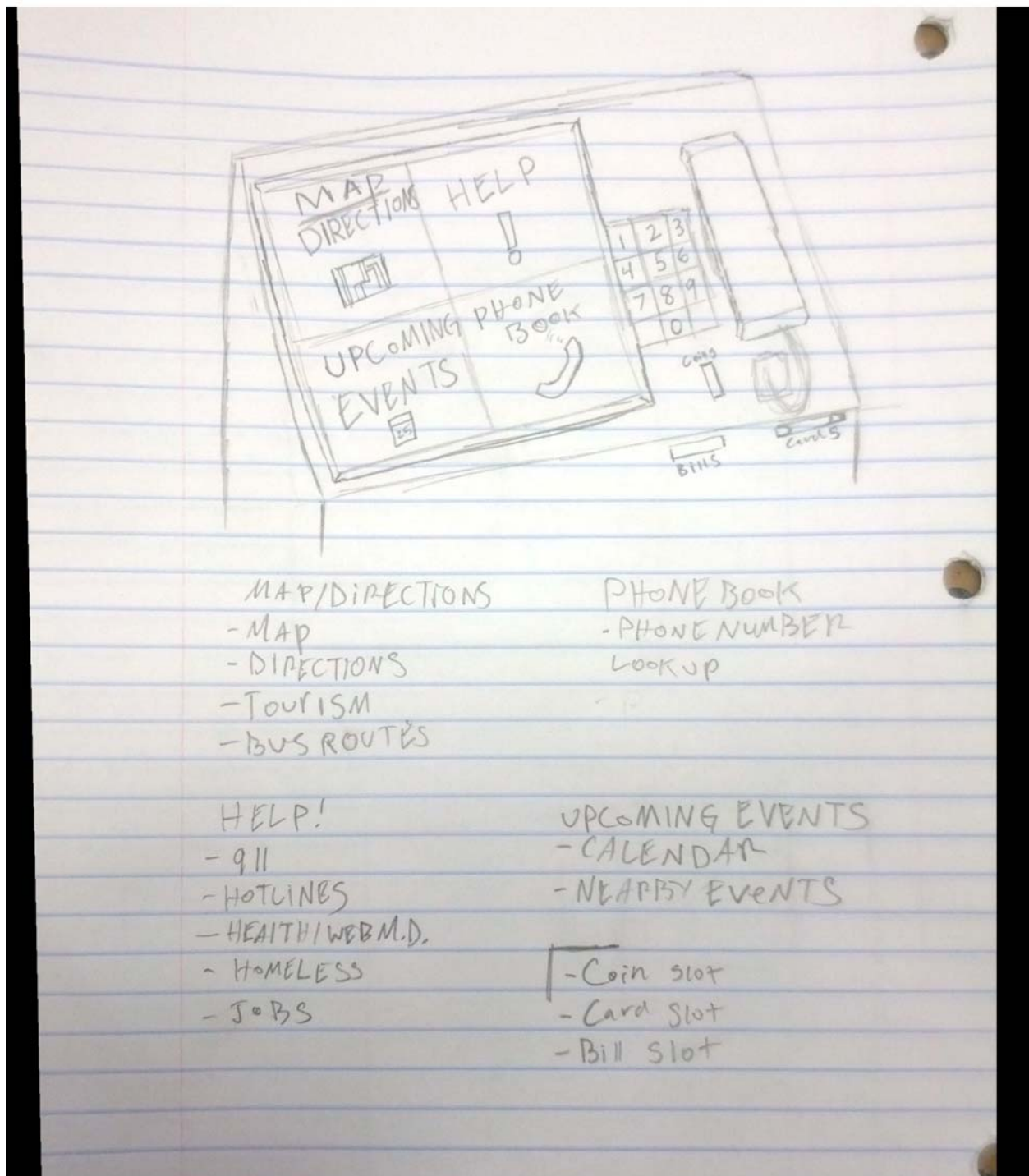
Today we focused on our all purpose atm kind of thing. We discussed what all things should it include and where all it should be. We thought that we should place it at every 2 blocks in downtown. It should be used for medical tips, it should have yellow pages and also a telephone. It should have screen displaying breaking news and it could also be used for using certain important apps. We also decided that it should be a source of job opportunities and shelter homes for homeless people and it should have access to important hotlines.

After that we discussed on things that we need to do to achieve this, which included talking to people in trimet and someone in shelter home. We also planned to research on hotlines, Red Cross and someone in the police department. We discussed on questions that would help us to interview these people and finally we included that it should also include something that would help tourists.

Connor's Journal entry

The discussion today mainly focused on the proposal and what the requirements are for it. We also sent every one's progress on their work so far, primarily just to get a sense of how the group is, to be blunt, progressing. The most developed thing thus far is the

rough design on our information centre, seen here:



It's still in its rough stages currently but we'll see how it goes. 2/9/15.

## Rough proposal page:

Providing      The problem at hand is a lack of access to information, which we hope to remedy with the kiosk. Some of the main focuses are on health, transportation, tourism and, and assisting people with a lack of information.

### Fieldwork

Going In to the fieldwork, one of our major assumptions was that we wouldn't really need to update the information that we put in the kiosk. As we went through and learned from our interviews, we quickly realized that wasn't the case. Maps frequently get updated, bus routes are going to have varying times that can change, and homeless shelters can fill up. If we neglected in formation updates, It'd cause numerous problems

### Impact

Those without access to information will be most heavily affected. Everyone from the homeless to a tourist who's lost their phone or it ran out of power. By providing these people with an information center, it increases their safety and happiness. Providing people with this access will open up opportunities; finding the homeless a place to stay, assisting in getting people jobs and increasing the number of jobs through the maintenance and increasing general safety through the use of the system.

### Final event prep

problem: lack of information, low income people who may not have access to internet/public resources.

solution: we are making an information kiosk. It includes bus routes, shelters, useful information for someone navigating a city, hotlines, job opportunities, directions to places,

target group: tourists, homeless people, people with no access to internet, and lost people.

Fieldwork-

Assumptions- all kiosks would be connected to the internet.

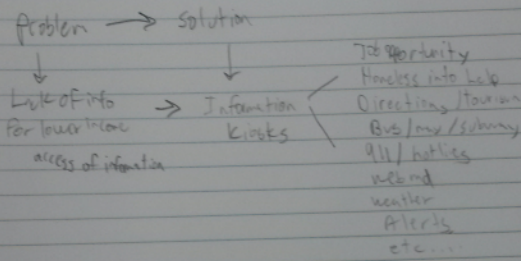
Things learned- There should be preparedness tips in the kiosk. There should also be job interview tips.

Sasha's entry:

Today the main focus had been outlining the proposal and getting down a few paragraphs. Field work was discussed.

Implementation issues and things to avoid.

Intro Steve Collins - manager of service and performance  
 PSU challenge: Pressing issue: manager of customer info analysis  
 happier, healthy, safer cities



What did it take to implement screens for Trinet?  
 What problems came along?  
 How is maintenance?

Language

Trinet Inc.  
 weatherproof  
 promotional  
 override screens  
 safety tool

NYC → Python / touch screen  
 rotational information  
 ↓  
 basic basic archive  
 ↓  
 Call to action

primarily on mil lies for firefighter

real time data → homeless shelter  
 too full  
 map data - archive vs live  
 last 24 hours panels

Justine Monahan

justin.monahan  
@redcross.org

Information Kiosk

- health information
- directions / bus routes
- hot lines
- 911
- Job helper / finder
- directions to shelter/home/food bank

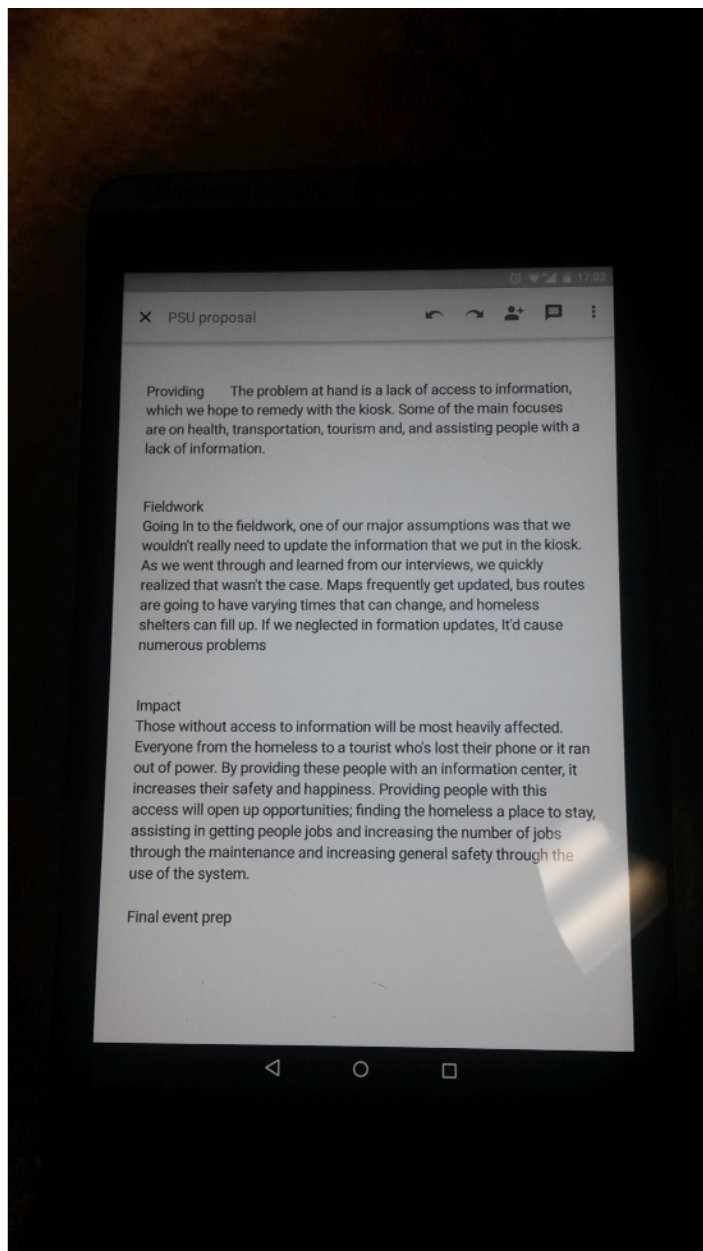
(503) 964 2356

Development  
Operations

Director

Problem we are solving = lack of information.

- = Great Idea
- # of people in county big lot unemployed  
no health care
- open stand access to ~~health~~ health.
- paramount to sustaining a good community  
- reduce crime, homelessness
- tools & to do things
- some people don't know things
- Job educate / interview
- resume - how how.
- understand what it takes
- Health  
- prepare dress information / disaster information
- 1994 Oregon is in earthquake zone  
- people need to be prepared



Journal for 23rd of February:

We discussed our proposal and decided where to narrow in the scope of the project. We distributed the research jobs for the kiosk. We discussed physical features and programs inside of the kiosk itself.

Entry #7:



Discussed logistics about physical design and providing resources for the kiosk. Working on name and figuring out more community aspects. Thinking about a calendar with local events.

#### Entry #8:

Figured out kiosk name. Considering advertisement as a way to fund for maintenance of kiosks. Deciding how much it will be connected to the internet, and for what it would be used, whether it be for just busses and directions and more could encompass that. Deciding if calendar events would have to be payed for by the organizations that want it on there or have a system where anyone could request to put something up and someone goes through the offered events to decide what can pass.

#### Entry #9:

Outlined poster format and what would go where. Assigned more research and questions to answer for spring break. Sketched out what the kiosk and interface would look like.

#### Entry #10:

Worked on typing up poster information, and the digital drawings of the kiosk. Cleaned up the formatting of the poster, it is almost finished.

Pictures from first 3 meetings:



# Potential Questions

## Trimet

- What did it take to implement the app/screens?
- What problems do customers face with accessing information?
- How do you maintain the systems?

• Intro to who you are but first ask who they are, and what they do.

## Red Cross

- What medical features could be added?

## Police

- What could be added to make the public safer?
- What info might the homeless need?

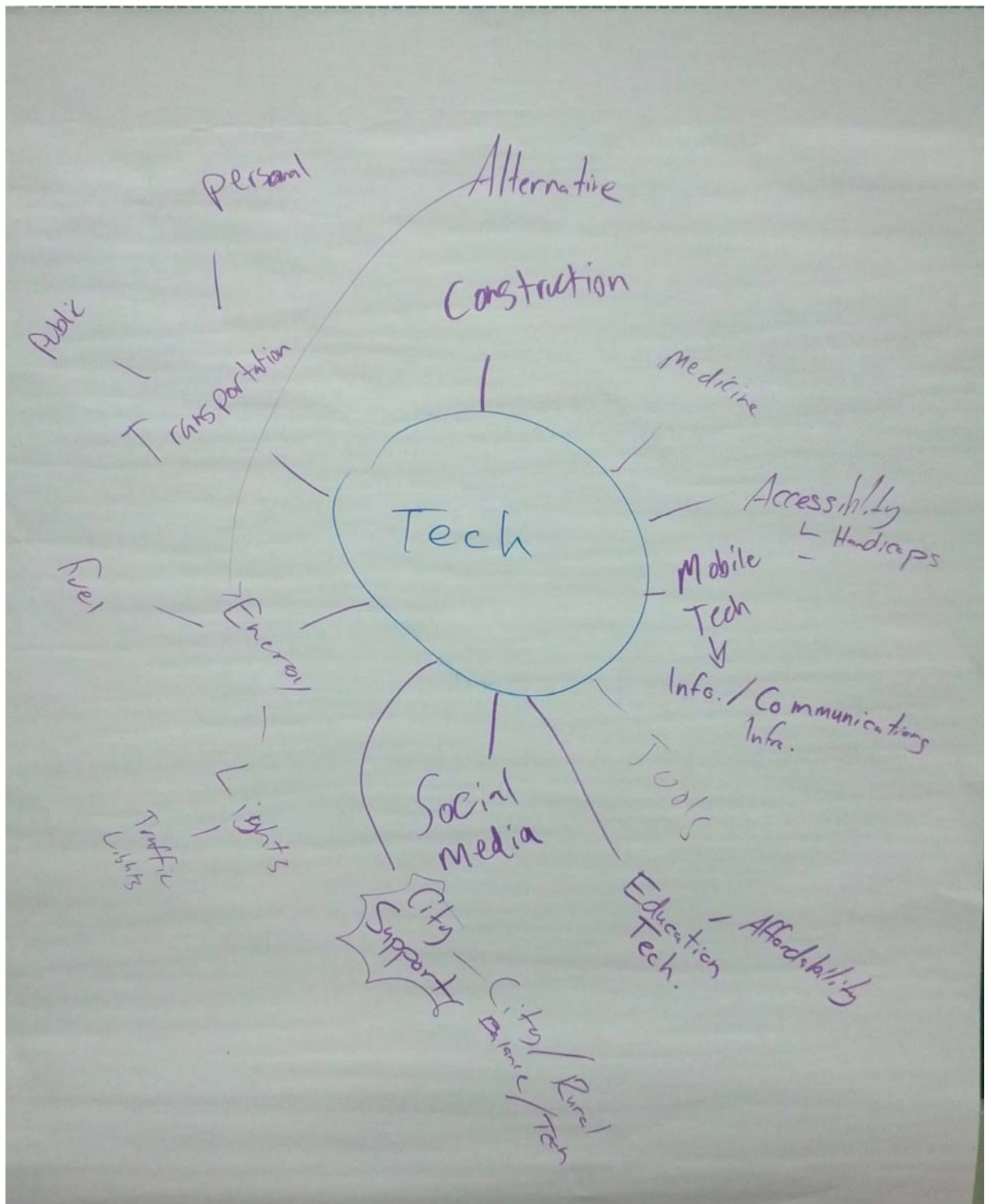
# To Do

Talk to...

- Trimet
- Red Cross
- Homeless shelter
- 911
- Unemployment
- Police
- Todd (connection)

Research...

- Hot-lines
- Design (sketch)
- Info
- Current info centres



## Health care

## Education

AFFORDABLE  
DEVICES

Online resources.

## WASTE REDUCTION

FILTERING

## NATURAL DISASTER RELIEF

SOCIAL MEDIA PLATFORM

- Alerts for people  
- Make the community aware  
- Search for victims

## PARKING

underground, bikes

## TECH AVAILABILITY

PUBLIC CENTER

- MAPS  
- Mental health

~~Home~~  
mental health

portable shelter

employment



# Safer, Happier, Healthier

- ★ ~~★~~ ~~job opportunities~~ <sup>unemployment office</sup> ~~job tips~~ ★ Events
  - ★ ~~★~~ Homeless Shelters access ★ Phone Book
  - ★ ~~★~~ Directions / Tourism / Bus (Bar News)
  - ★ ~~★~~ 911 Call / Hotlines ★ Current Events
    - Breaking News
    - Amber Alerts
    - weather news
  - ★ ~~★~~ Health ~~web MD~~ ★ Pay Phone
    - what to do in earthquakes
    - what operations to do.
- tiny printer...
- User submitted events.

# Physical Features

- printer for directions, phone #s,
- "tablet style" interface (touch screen)
- phone, (speaker/microphone)
- weather proof
- free standing
- what color (red → eye catching)  
(grey → utilitarian)
- Podium style
- angled screen

# KEY FUNCTIONALITY

- HOMELESS: directions to shelter  
Where to find free food
- Directions: public transit  
tourist destinations
- EMERGENCY: Call 911  
access emergency hotlines  
& health  
Natural disaster preparedness  
Amber alerts.
- Community: USE 12 SUBMITTED EVENTS  
Weather  
phone book