

## INFO! Map Presentation Outline

<http://prezi.com/ndn9pgimqbbe/infomap/>

### I. Angela Proffitt

#### A. INFO! Map

- i. Introduce Project - INFO! Map, Indoor Navigation for the optically-challenged
- ii. Introduce Team

#### B. What's the problem?

- i. Blind patrons have a hard time finding object in a building
- ii. Eliminate the need to be escorted. Have to find someone who can tell them what is

in the room.

#### C. Imagine This...

To better understand the inconvenience of not knowing what is in a room, imagine not being able to get information immediately.

- i. No Mapquest - Imagine not being able to look up directions.
- ii. No Google - Imagine not being able to find answers immediately.
- iii. No E-mail - Imagine not being able to communicate instantly.

We can live without these tools but it makes the world a lot easier.

#### D. If only there was an easy solution for blind patrons too...

#### E. INFO! Map is our solution

### II. Kevin Grant

#### A. What is it?

- i. Explain what the application does
  - a. Makes an inventory of objects in a room
  - b. Tells the blind patron what is in the room
  - c. Utilizes crowdsourcing to make a database of objects in the building
- ii. "A mobile application that tells the user exactly what is in a room."

#### B. What the application looks for:

- i. Obstacles
  - a. General area of furniture
  - b. Anything in your way
  - c. Group of computers/desks
- ii. Exits
  - a. Doors leading in/out of the room
  - b. Emergency exits
- iii. Items
  - a. Furniture, vending machine, etc.
- iv. Rooms
  - a. Types of rooms (kitchen, bathroom, dining room, classroom (312B))

#### C. Video 1

#### D. Phone Circuit board

- i. Processor
- ii. Vibrator
- iii. Accelerometer
- iv. Gyrometer
- v. Camera

#### E. Video 2

### III. Alex Tam

#### A. Could have

- i. Object Alert
- ii. 3D maps
- iii. Sighted mode w/ UI
- iv. Pedometer
- v. Bus schedule

#### B. Other Applications

- i. Gaming (Not Casino)
- ii. Amusement Park
- iii. Ride Closures
- iv. Shopping Item Finder
- v. Zombie Avoidance

#### C. Won't Have

- i. Time travel (only backwards)
- ii. Mother-in law Avoidance Alert
- iii. Booze Finder
- iv. Dinosaur distraction system
- v. Pick-up line generator

#### D. Questions?