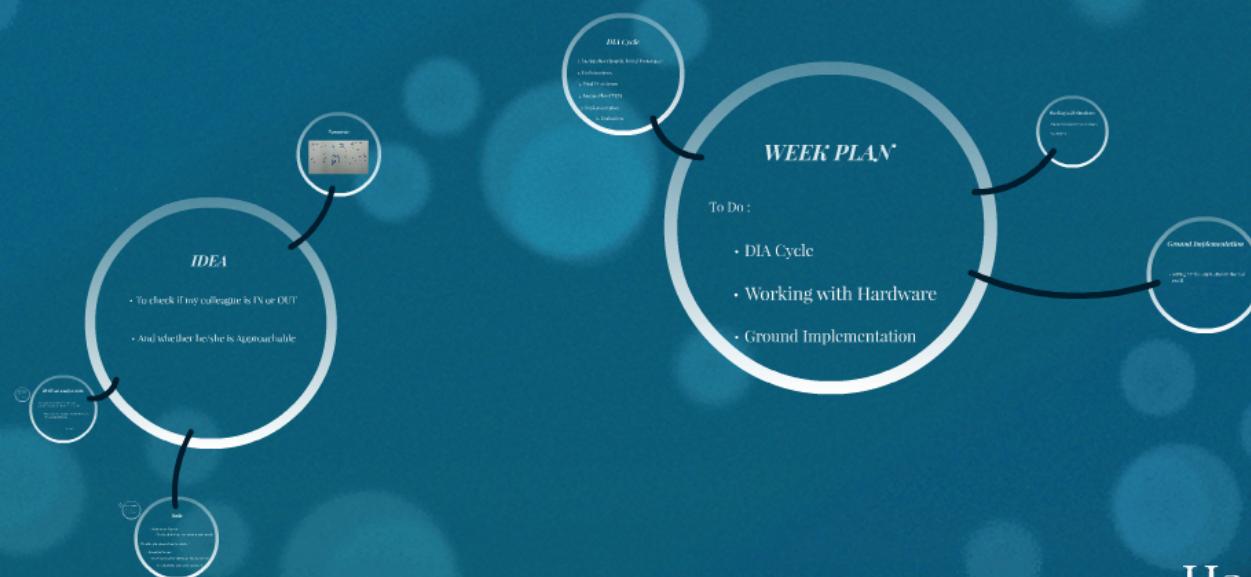




# Colleague IN OUT



Haojiong Chen

SriDev SriKanth



# Colleague IN OUT



Haojiong Chen

SriDev SriKanth

# ***IDEA***

- To check if my colleague is IN or OUT
- And whether he/she is Approachable

## ***Scenario***



## ***HOW we Analyze data***

We analyze the data to determine which sensors are approachable based on the data.  
Once...  
• We check the meeting agenda of whether his/her colleague is free.

## ***Tools***

- Movement Sensor
  - To check if there are movements inside
  - If colleague doesn't move much?
- Pressure Sensor
  - He/She must be sitting on his/her chair
  - We check the pressure on chair



# *IDEA*

- To check if my colleague is IN or OUT
  - And whether he/she is Approachable

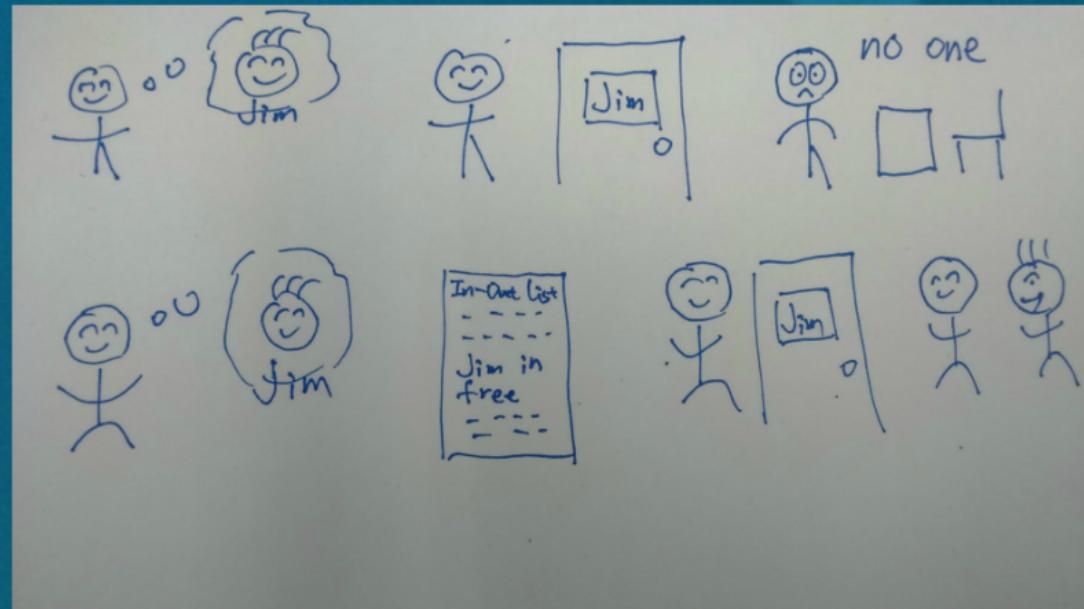
## *HOW we Analyze data*

The application will analysis whether your colleagues are approachable based on the data.

- First check the meeting calendar whether he/she has a meeting now.

Contd....

# *Scenario*



### Information Requirement

- Calendar Database
- Mouse Clicks, Keyboard Presses, ...

# Tools

- Movement Sensor
  - To check if there are movements inside

If colleague does'nt move much ?

- Pressure Sensor
  - He/She must be sitting on his/her chair
  - We check the pressure on chair

#### OUTPUT DISPLAY

- User's Laptop/PC

#### WHY?

- User will be using Laptops/PCs when they are in their room

#### WHY NOT SMARTPHONES ?

- PC much easier, BUT can use smartphones

# Information Requirement

- Calendar Database
- Mouse Clicks,Keyboard Presses, ...

## HOW we Analyze data

- If yes, your colleague is not approachable. If not, use data from movement sensor to know if he is in his office.
- Then it will analysis the data of Mouse click/ keyboard pressed and Email activity to judge is he busy working

# *HOW we Analyze data*

The application will analysis whether your colleagues are approachable based on the data.

- First check the meeting calendar whether he/she has a meeting now.

Contd....

# HOW we Analyze data

- If yes, your colleague is not approachable. If not, use data from movement sensor to know if he is in his office.
- Then it will analyze the data of Mouse click/ keyboard pressed and Email activity to judge if he is busy working

USER INTERFACE



prototype

# OUTPUT DISPLAY

- User's Laptop/PC

WHY ?

- User will be using Laptops/PCs when they are in their room

WHY NOT SMARTPHONES ?

PC much easier, BUT can use smartphones



Prezi

# USER INTERFACE

Prototype

The image shows a user interface prototype for a social network or community platform. At the top, there is a logo consisting of a blue keyhole icon with orange concentric arcs above it, followed by the text "IN OUT". Below the logo is a list of five users, each with a small profile picture and their name followed by a status indicator.

User	Status
Alex Yunin	IN
Sandra Mesoli	IN
Jeso Rakcht	OUT
Lioni Kasadra	IN
George Machiku	OUT

# ***WEEK PLAN***

To Do :

- DIA Cycle
- Working with Hardware
- Ground Implementation

## *DIA Cycle*

1. Design StoryBoards, Initial Prototypes
2. Do Interviews
3. Final Prototypes
4. Design Flow (FBP)
5. Implementation
6. Evaluation

## *Working with Hardware*

- Movement Sensors, Pressure Sensors
- Image Encryption

## *Ground Implementation*

- Setting UP the application in the real world

# *WEEK PLAN*

To Do :

- DIA Cycle
- Working with Hardware
- Ground Implementation

# *DIA Cycle*

1. Design StoryBoards, Initial Prototypes
2. Do Interviews
3. Final Prototypes
4. Design Flow (FBP)
5. Implementation
6. Evaluation

# *Working with Hardware*

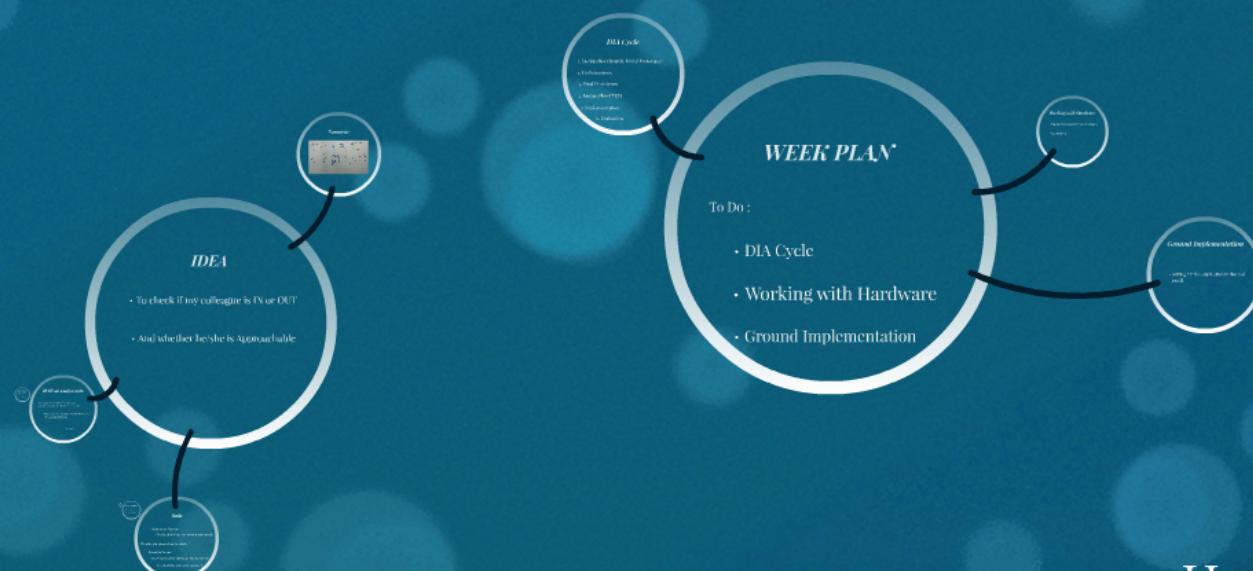
- Movement Sensors, Pressure Sensors
- Raspberry pi

# *Ground Implementation*

- Setting UP the application in the real world



# Colleague IN OUT



Haojiong Chen

SriDev SriKanth