

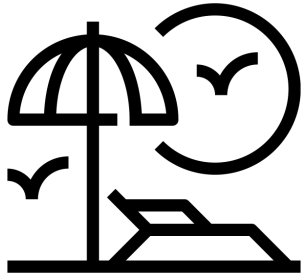


# TRAVEL ADJUSTMENT

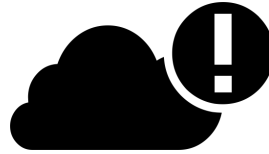
YOUR INTELLIGENT TRAVEL BUDDY

Yuqi Feng · Sejal Khatri · Jessica Zhu

# The Problem



Created by Maxim Basinski  
from Noun Project



Created by Saeful Muslim  
from Noun Project



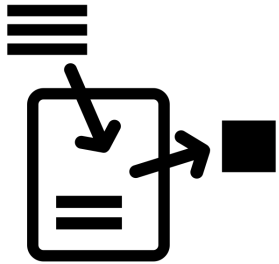
Created by mitochondrial  
from Noun Project

**Leisure  
Travel**

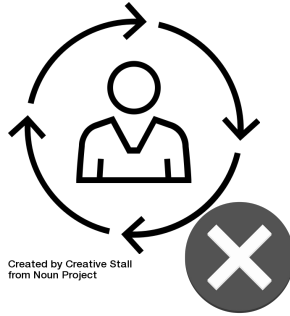
**Unexpected  
Situation**

**Travel  
Stress**

# The Problem



Created by Yazmin Alanis  
from Noun Project



Created by Creative Stall  
from Noun Project



Created by Nasik Lababan  
from Noun Project

**Want  
Adjustment**

**Not  
Personalized**

**More  
Stressed**

# Design Research

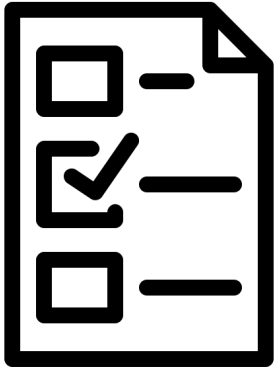
Survey

50+ responses



Semi-Structured Interviews

3 participants



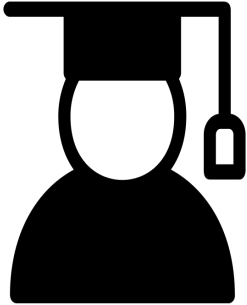
Created by unlimicon  
from Noun Project



Created by Gan Khoon Lay  
from Noun Project

# Participant Background

College Student



Created by Danishicon  
from Noun Project

Manager



Created by priyanka  
from Noun Project

Travel Agent



Created by Gan Khoon Lay  
from Noun Project

Young (< 30)  
Unemployed

Middle-Aged (30-55)  
Employed

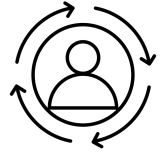
Old (> 55)  
Self-Employed

# Takeaways & Themes

- Safety First
- Lack of Personalized Info
- Inconvenience and High Cost for Adjustment



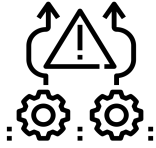
Created by Adrien Coquet  
from Noun Project



Created by Vectors Market  
from Noun Project



Created by Diego Nalve  
from Noun Project



Created by Milovan Tatalj  
from Noun Project

**Avoid** dangerous  
areas during the trip



Created by corpus delicti  
from Noun Project

**Receive** suggestions  
for relative activities



Created by Chapat to Industries  
from Noun Project

**Provide** travel tips  
for the day



Created by Sophie Dal  
from Noun Project

**Generate** an  
alternative plan



Created by Tarek Knopp  
from Noun Project

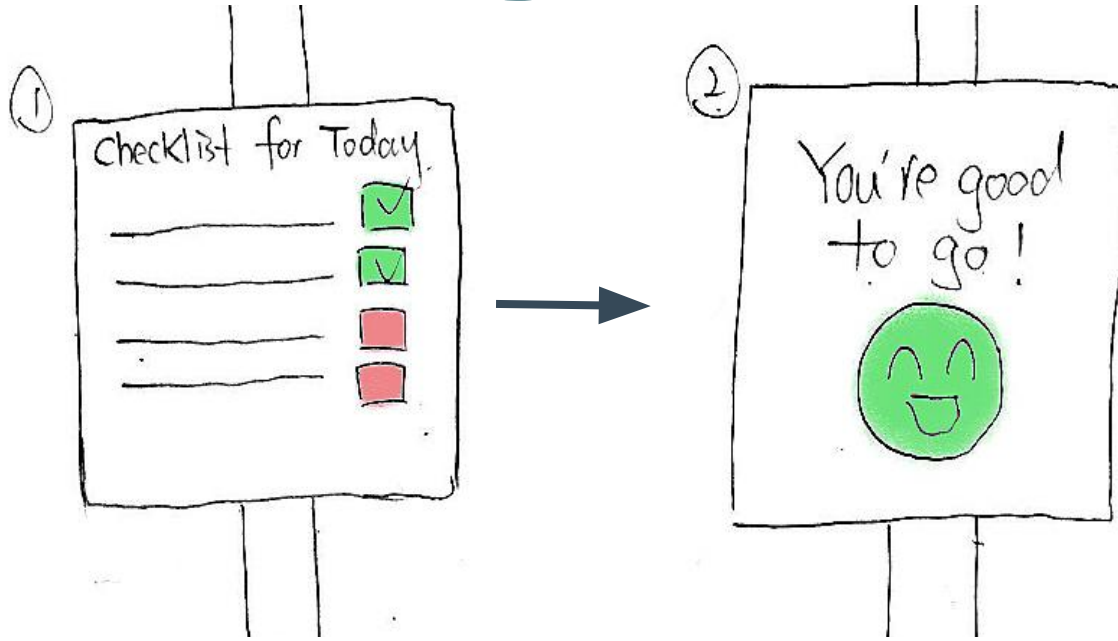
**Learn** personal  
preference



Created by Dmitry Kudinov  
from Noun Project

**Get** updated info  
about destination

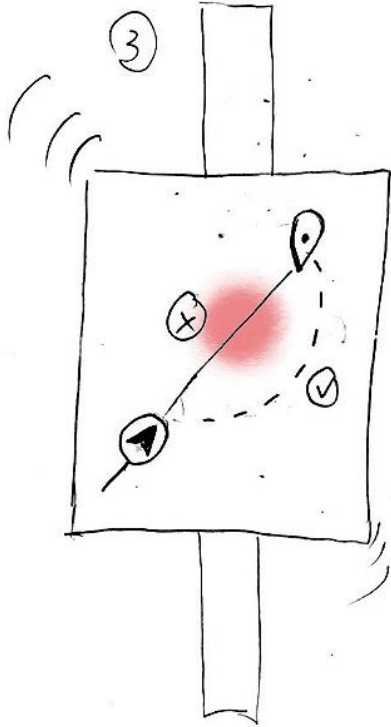
# Three Design Sketches



**#1 Wearable Smartwatch**

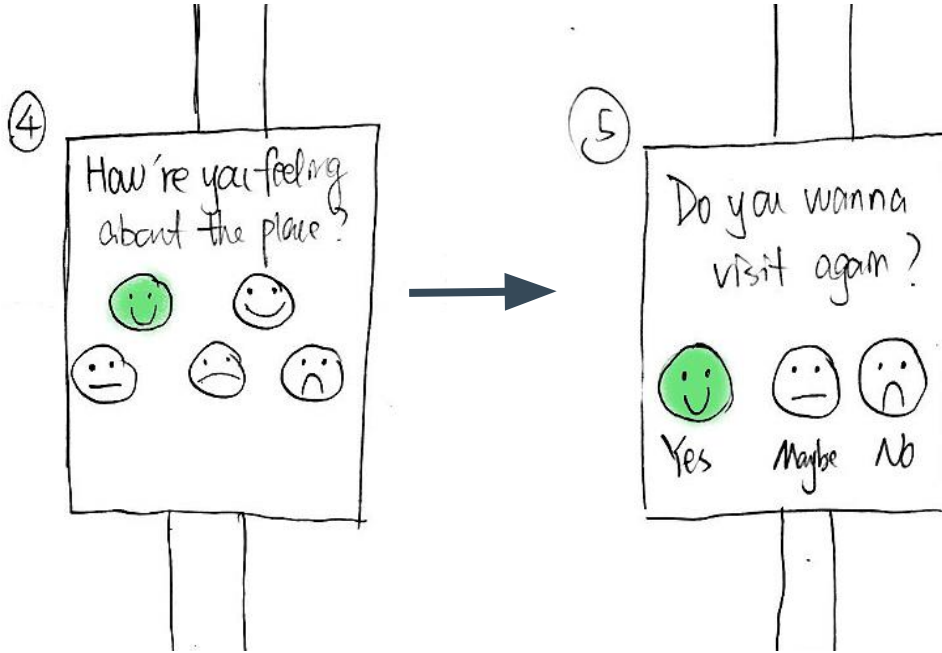


# Three Design Sketches



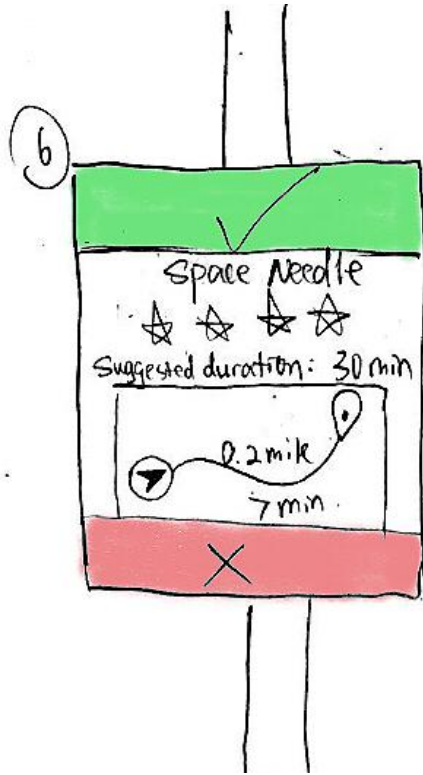
**#1 Wearable Smartwatch**

# Three Design Sketches



**#1 Wearable Smartwatch**

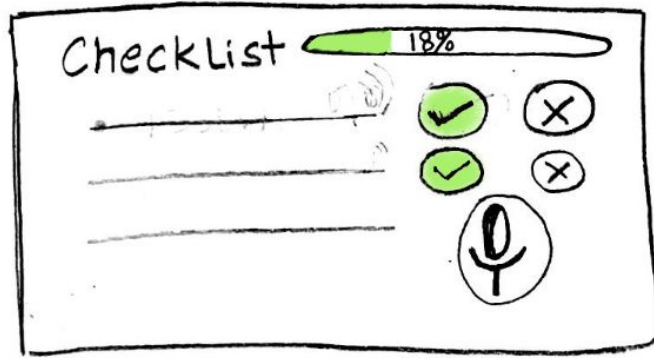
# Three Design Sketches



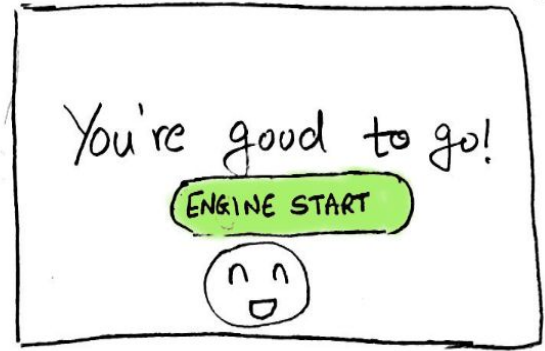
**#1 Wearable Smartwatch**

# Three Design Sketches

①



②



**#2 Car Display with Voice Interface**

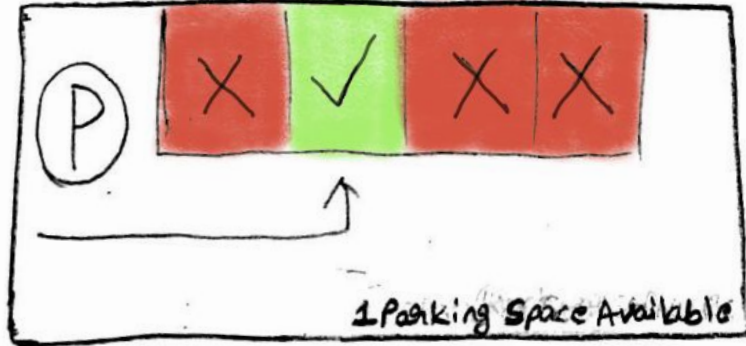
# Three Design Sketches



**#2 Car Display with Voice Interface**

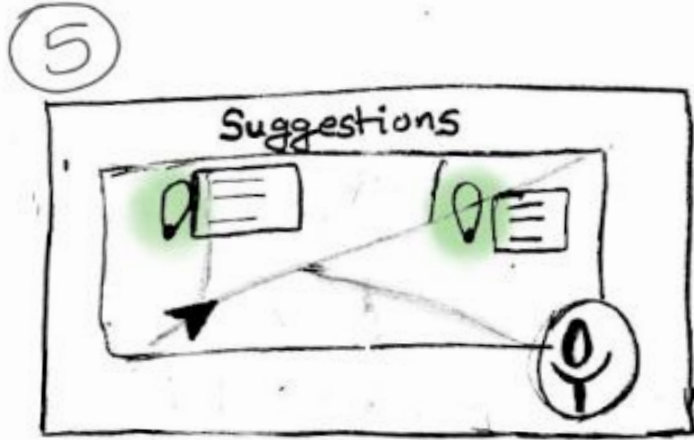
# Three Design Sketches

4



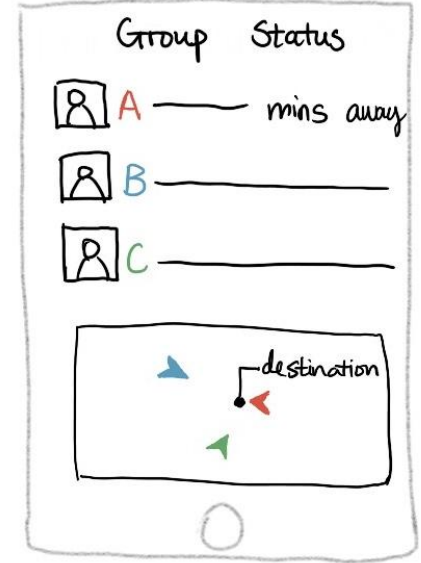
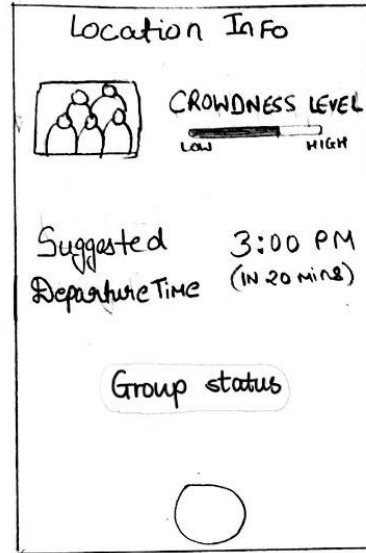
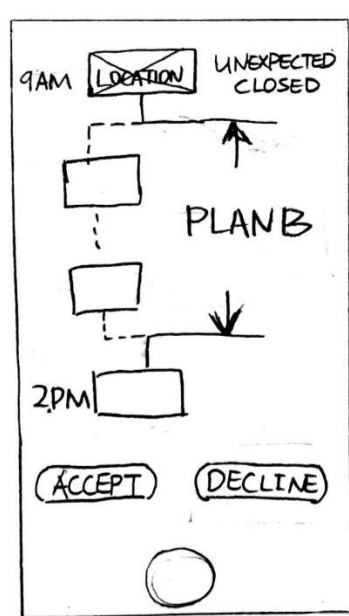
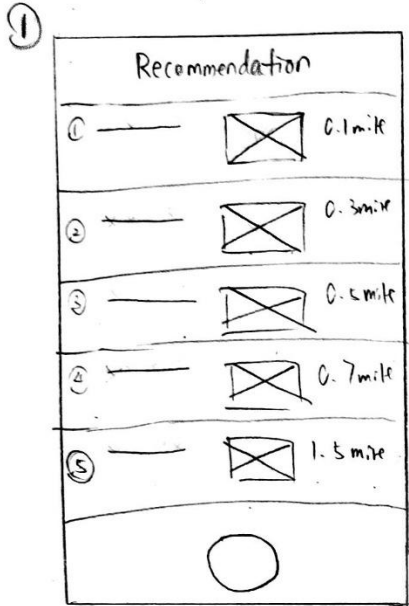
**#2 Car Display with Voice Interface**

# Three Design Sketches



**#2 Car Display with Voice Interface**

# Three Design Sketches



#3 Mobile App



# Three Design Sketches


3

CHECKLIST FOR DAY 3

ALICE Carol Cecilia

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Total: 9 items



Your group is ready!

Meet at 8 A.M.  
in the lobby!



4


Survey

Q: \_\_\_\_\_

A:  Not Satisfied  Satisfied


Q: \_\_\_\_\_

A:  Not Satisfied  Satisfied



TRIP OVERVIEW


photo status



Social media Posts

\_\_\_\_\_ x%

\_\_\_\_\_ y%



#3 Mobile App

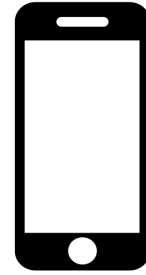
# Selected Design



**Car Display**

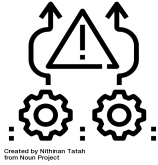


**Wearable Smartwatch**



**Mobile App**

# Targeted Tasks

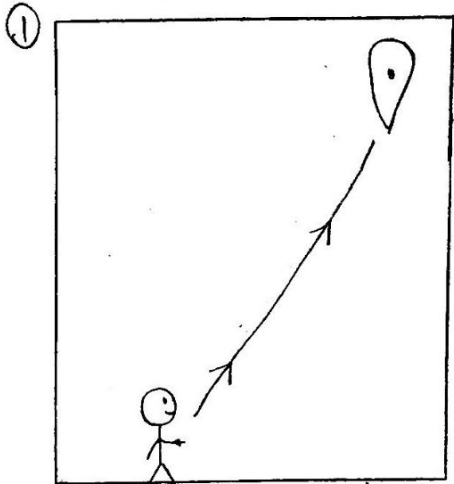


**Avoid** dangerous areas during the trip

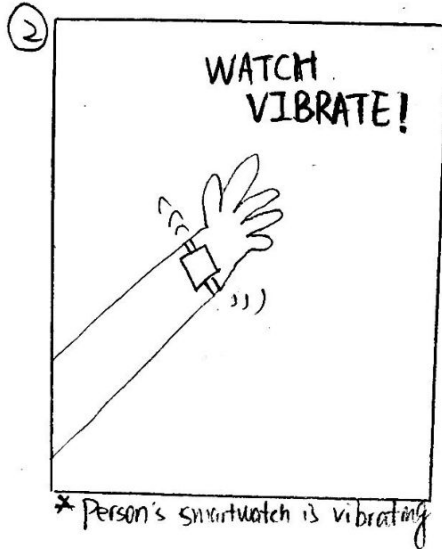


**Learn** personal preference and give better Recommendation

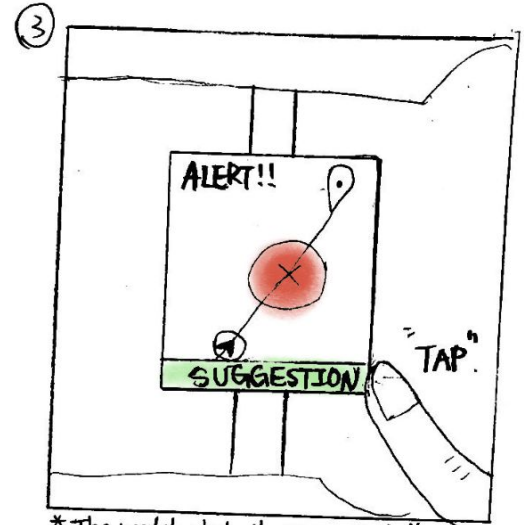
# Storyboard



\* A person heading to his destination



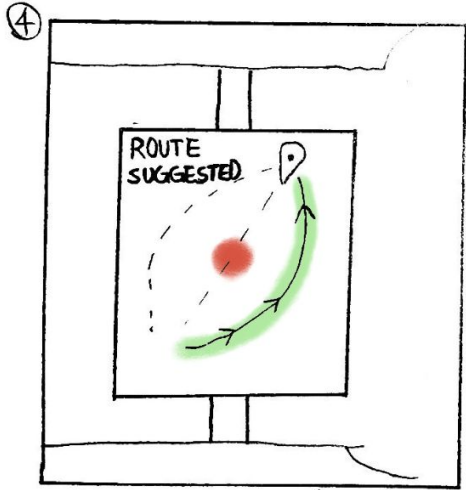
\* Person's smartwatch is vibrating



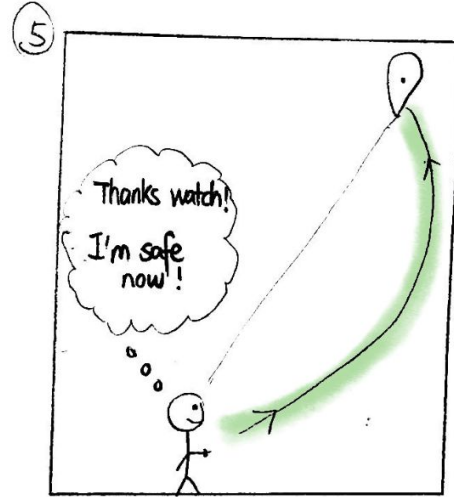
\* The watch alerts the person that there's a danger zone ahead.

## Task 1: Avoid Danger Area

# Storyboard



\* The watch suggests a safer route to the person.



\* The person follows the suggestion and experience a safer travel.

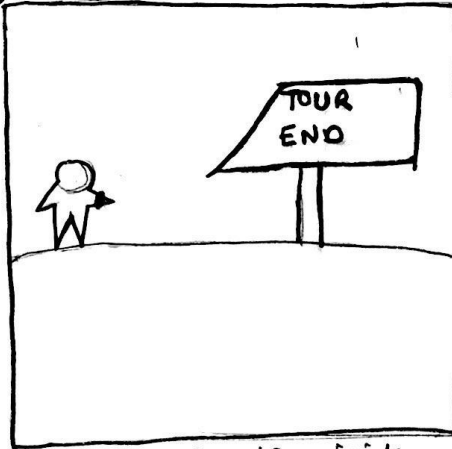
## Task 1: Avoid Danger Area

# Storyboard

①

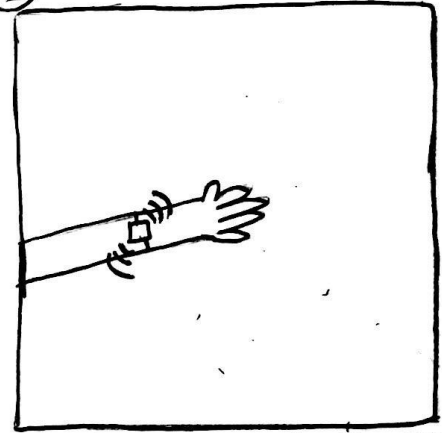


②



\* Person ending the visit

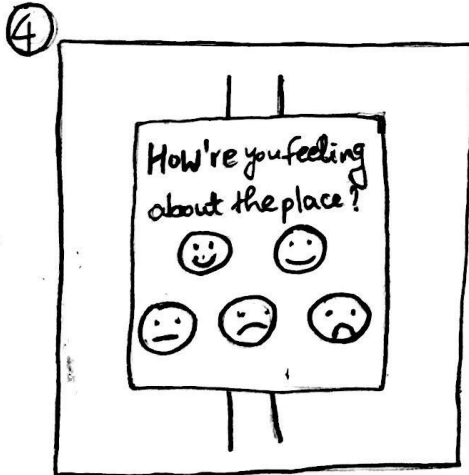
③



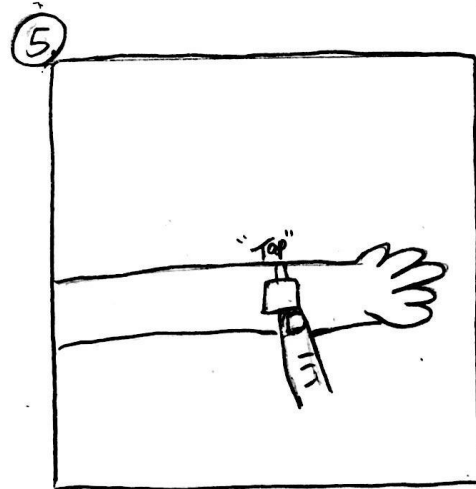
\* Smartwatch vibrating

Task 2: Learn Personal Preference & Give Better Recommendation

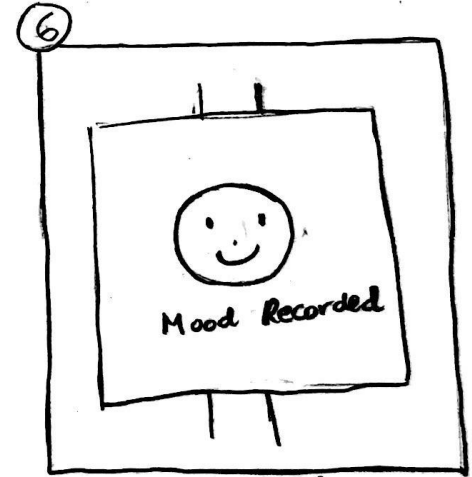
# Storyboard



\* The asks for persons mood



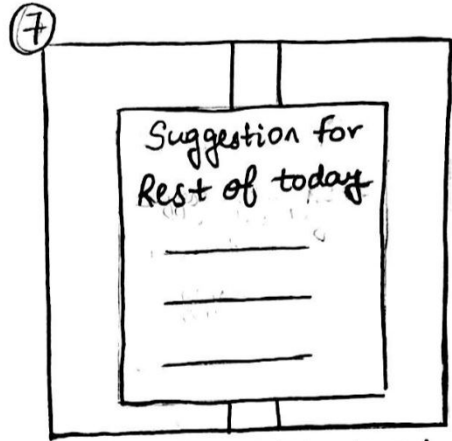
\* person interacting with the watch



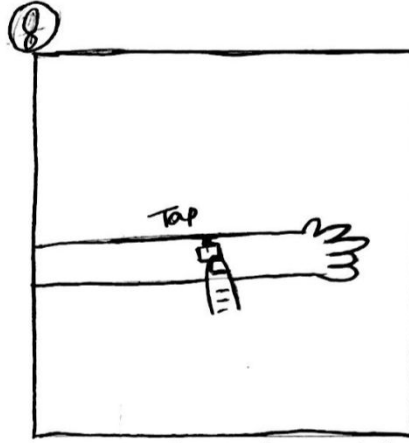
\* Person's Mood Recorded

Task 2: Learn Personal Preference & Give Better Recommendation

# Storyboard



\* Suggestion given based on preference



\* User Input Recorded



Task 2: Learn Personal Preference & Give Better Recommendation



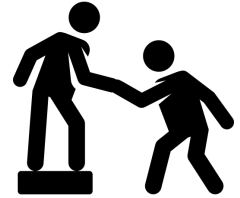
# Learnings



**Helpless  
unanticipated  
situations**



**Diverse needs**



**Instant help**



# TRAVEL ADJUSTMENT

YOUR INTELLIGENT TRAVEL BUDDY

THANK YOU!