### PROJECT PROGRESS REPORT

Team D1.5 - Personal Safety

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## 01 KEY COMPONENTS

### PERSONAL SAFETY

CLIENT

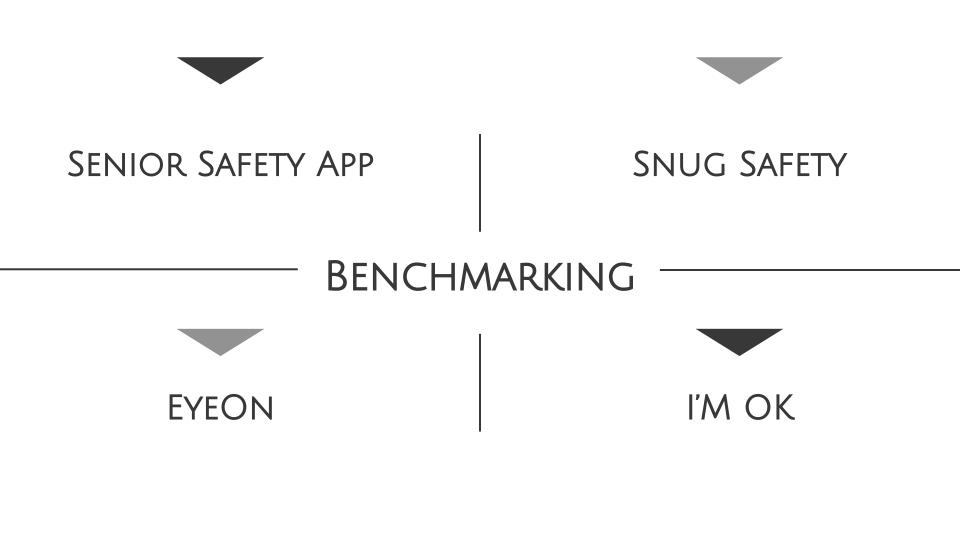
Susan

PROJECT

Safety Application

**NEEDS** 

**Customer Needs** 

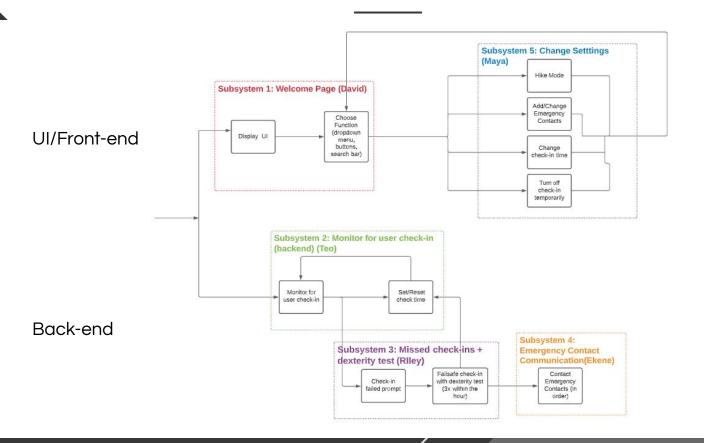


### TARGET SPECS

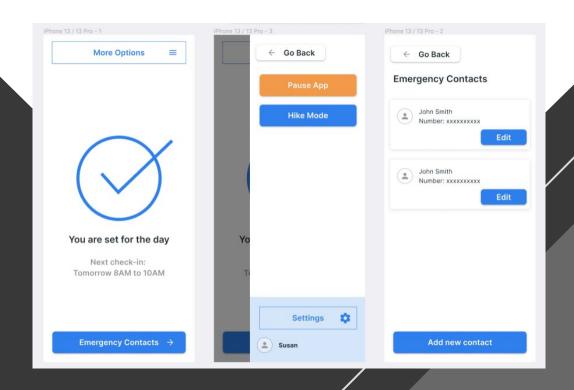
Metrics	Relations (=,<,>)	Values	Units
User startup activity detection	N/A	Yes	N/A
Automatic daily reset	-	1	N/A
User Custom check-in time		1	N/A
Fail Safe check frequency	-	3	Number
The app requires a phrase to be typed when a check is missed	-	1	N/A
App communication with preset contacts	N/A	Yes	N/A
Emergency contacts Stored	>	3	Number
Modes of Communication with emergency contacts	-	2	Number
User custom app activation/deactivation (Pause Check in)	N/A	Yes	N/A
The app can be set to check multiple times in a day for high-risk activities	N/A	Yes	N/A
Number of activities to be selected by user	=	1	Number
iOS Functionality	N/A	Yes	N/A
User devices that can sync with app	>	2	Number
The app's emergency contacts are prioritized by order and it contacts them in that order, one at a time	N/A	Yes	N/A
App functional Languages	>	2	Number
User Actions Per Screen	<	3	Number
In-App text Font size	-	20	Points
The app uses high contrast font/background pairings	N/A	Black/ White	N/A
User location tracking	N/A	Yes	N/A
Application storage size	<	100	Mb

## 02 PROJECT PLANS

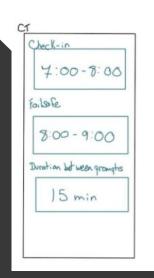
### FUNCTIONAL DECOMPOSITION



### SUBSYSTEM 1 - HOME SCREEN

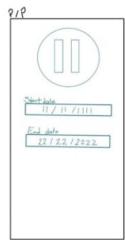


### SUBSYSTEM 5 - CHANGE SETTINGS

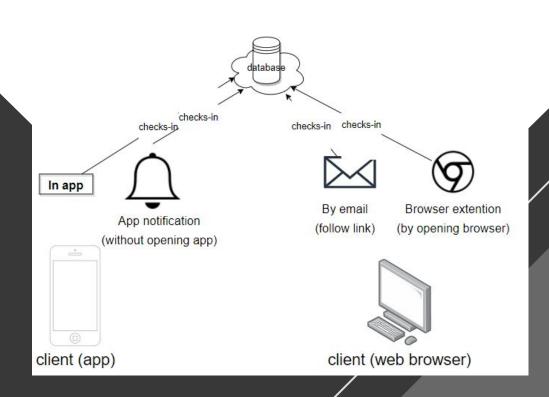




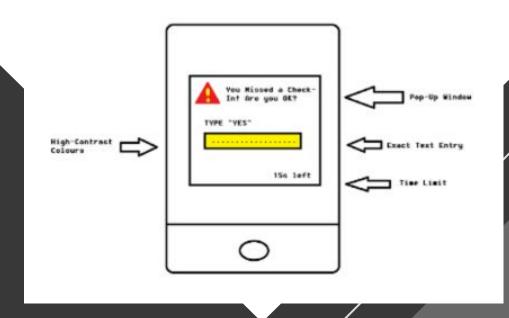




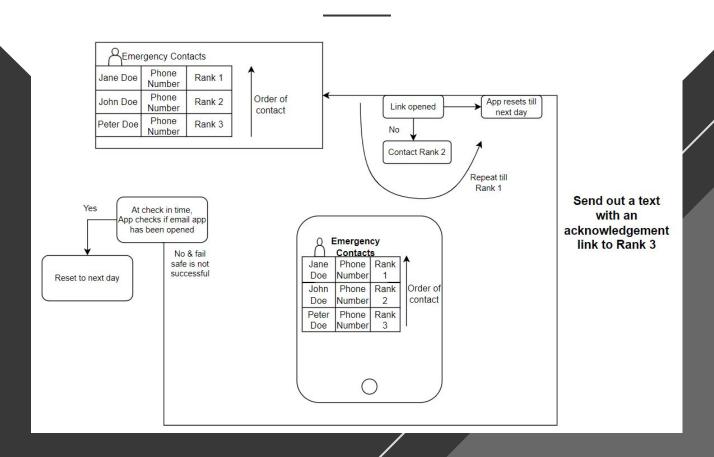
### SUBSYSTEM 2 - MONITOR USER CHECK IN



### SUBSYSTEM 3 - MISSED CHECK IN + DEXTERITY



#### SUBSYSTEM 4 - EMERGENCY CONTACT COMMUNICATION



### 03 CLIENT FEEDBACK



Lack of intrusivity



Drainage of battery from background activity

### **CLIENT MEET 2**



No contact with authority
No contact with contacts when
Check-in paused



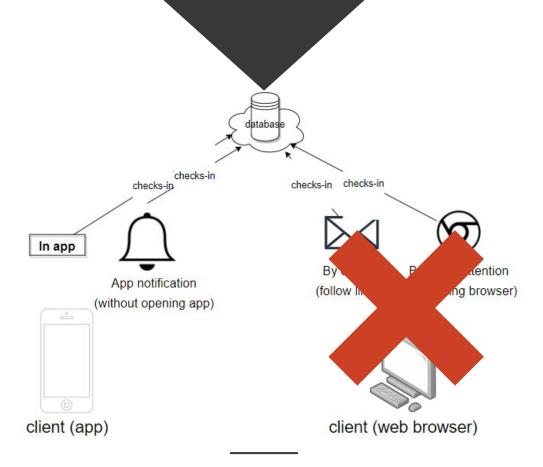
CHECK-IN FUNCTION

Notification check-in idea

### 04 PROTOTYPES

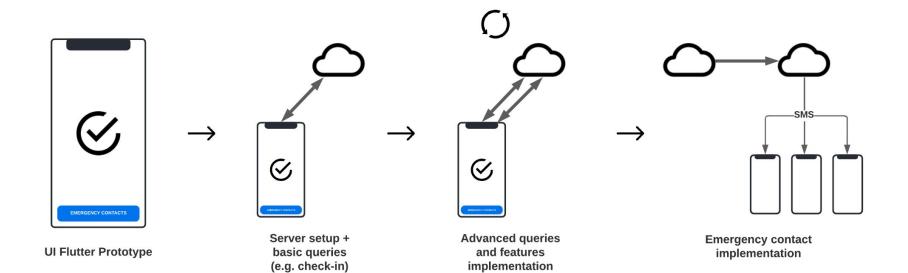
### **UI PROTOTYPE**

- Movement throughout the app
  - https://www.canva.com/design/DAE3J\_hLng U/KKTBjSnXq\_sFzUBCPcmM6Q/view?mode=p rototype



SUBSYSTEM 2 - AFTER CLIENT MEET 2

### PROTOTYPE PLAN



### 05 DESIGN REVIEW

### **FEEDBACK**

Visibility of system status	User Control and Freedom	Error Prevention
Business Process Management Notation	Function Clarifications	<u>Color Changes</u>

## 06 FUTURE PLANS

### MAIN FOCUSES



#### USER INTERFACE

Functionality

Scenario prototyping



#### **PROGRAMMING**

Flutter

Github



#### UP TO DATE

Keeping up to date with deliverables

### **CLIENT MEET 3**

- Is there some aspect of the current iteration that is not what you expected?
- Are there any additional features you feel could improve the final product?

# THANKS

Do you have any questions?