on a feature for each sketch... Also for bad handwriting.

Disclaimer: These pictures are hand drawn and other features are not displayed to focus.

CS 422 PROJECT 2: INDIVIDUAL SKETCHES
weather

need to show have
and since no heat no

look doors, check look

hour alarm then

When it becomes night

node standard day evening

Dr. Cornwall

Emergency

Emergency

Emergency

Emergency
new message

Dear neighbor,

If there is no movement on my front porch, turn camera on. If there is no movement, have alarm go off and call emergency to inside and home.
as they happened.

Look family, please

Vacation mode, then

Everyday day, because

Vacation mode.

Before

After

Action Bar

Emergency

Emergency

Action Bar

Emergency

26
menu will go away...
do. if user does nothing, app or feature the user can
when the user touches, a menu

not be activated
can go past door and
and touch user so users
and draw user approaches
This is default screen

Every
Mr. John Shin
Z: 12pm

Every
Z: 12pm
- Change chirp in setting
- Door bell ring
- Shovel fetched
- No emergency inside

- Door bell outside

- Membrane of house ring
  - When someone is not in door
  - Doorbell outside

Doorbell outside

Doorbell
- When someone rings the doorbell.
- A notification will come to your cell phone.
  - When clicked, you can see the time stamps of door rings.
Go back to before when door closed, it for 10 seconds or close door.
An alarm will go off if open, hour alarm minute.
- If emergency - no emergency.

Door open

and door open

user click on unlock icon

This is default layout

Door open

Emergency

Exits first
So water pipes in case leak parent or if in kid mode, will not lock knob. So can unlock/lock and horn on icon right above knob if not in kid mode, if click door is unlocked.
Door locked
- Door not open by person
- Trying to open door by phone or device

Before
Inside
Outside
Keypad

Do Unlock door

Inside

Outside

- User can type in pin
- If not correct, "Invalid"
- "Try Again"

Accepted
To unlock, pin 6 per keypad

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Door is locked, so on.

Child lock.
when user has touched door and clicks on mirror app not camera app

User can check themselves out and if they like it upload to phone and directly take picture and directly can take picture

User can go back up arrow
shift think and how grabbin easier than think to
scarf alone, sunglasses
- what user will need
- weather
- tell temperature

choose weather app
- user go on menu

Outside

After

Inside

Outside

Before

Inside

26°

Weather
- User goes on menu
  - Choose weather app

- Tells temperature
  - What user will need
  - Scarf, gloves, sunglasses

- Inside

- Before

- Outside

26°

- Inside

- After

- Outside
Traffic

Before
Outside
Inside

After
Outside

- Audio block needed to see movement & location
- Pause/Play audio
- Adjust volume if early riser and have to leave

User clicks on traffic app
- User goes to turn outdoor lights on

- Click on app and turn on/off

Before

Outside

After

Outside

Outside

Outside

Outside

Outside

Outside

Outside

Outside

Outside

Outside
- User is outside
  - Door gets locked
  - User don't have phone or something to id.

- Hold hand on knob for more than 3 seconds
  - Fingerprint scan matches and unlock door

Locked Out/Fingerprint scan

Before
Inside
Outside

After
Inside
Outside
- Local user wants to set alarm/home which is consistent w/keypad theme

- Inside

- Outside

- Before

- After

House Alarm set on
- Door closed.
- Door locked.
- Alarm on.

- User has 10 seconds.
- Turn off alarm before buzzer starts.
- Code match, pin keypad.

- Outside: Before.
- Inside: After.

- House alarm set off.
- User wants to see date and time
- Settings of date and time
- No need to manually enter time
- Shows date
- 24hr clock
- Shows time
- Thursday, February 2
- 2:12
Set Alarm: 1 hr 12 min

Alarm goes on time...

User can set an alarm...
Leave
clase door, loce and
90 to door, close it and
saying no war, no to leave,
this the alarm go to off
Alarm has been set

Before
Outside
Inside

After
Outside
Inside

Alarm Clock Show
- When the user is near, the door is locked.

- Camera turns on, recognize user.
  - ID from phone
  - Door unlocks

- Hands free, only turn knob.

Hello, Mr. Smith

ID by phone

Before
Inside
Outside
After
Inside
Outside
- New person who is in not in database, appear
- Door movement
- Camera on to record cause

- Person can send message
- The user whom inside
- Can see that may have a message

- Leave note from outside to inside
- Send message

- Before
- Outside
- Inside
- After
- Outside
- Inside

View

Emergency button

Message scan
or package scan

Reply or write something

to the door, assist

the receiver who came

to the person in the

user wrote message

Come to the door

Turn the message

before

inside

inside

outside

outside

package

Emergency

Do not call

Electronic

Please note from inside to outside
leave note on specific person/general from inside to inside

- key

- the person who is sender opens the app, compose message and send it.

- once user approaches door, they get notification that they got message...
- read and tap anywhere else to end or scroll for more messages
Choose Avatar For Each User

- User can choose one of 3 avatar profiles:
  - Change avatar profile
  - Change back to original avatar

- On outside, it shows the avatar without the camera.

- From menu, choose avatar app to talk.
- User can change theme from menu.

- User chooses Theme app.

- They want to do individual or collection which does both with same theme.

- User chooses whether to do individual or collection.
Movement Record at Door Step

Before

Outside

Before

Emergency

Emergency

Inside

After

Inside

Outside

Outside

Outside
- when an unknown person is outside and the user is inside, can just open door.
- choose to see via camera, avatar or
- subtitle for deaf
- subtitle for deaf
- avator chosen
- user can see via camera, end call.
- record it if usual.

Before
Avatar to Talk outside
Inside
After

Inside
Before

Outide

Outide

Outide

Outide
- can play/put music on
- easy to read,
- Browse
- display if like a
with phone calendar and
- when clicked, + signs

- choose from menu
- Per day
- see what's planned.
- Click on Calendar to

Outside Inside Outside Inside

After

Day Reminders

door push
If not then stay locked
id of phone or fingerprint
unloco because
If user is worn get

Shows up to enter
and the house pet
- this is default screen

Before
Outside
Energy

After
Inside
Doorbell

Outside
Pet Collar Recognition 2

Inside
No suspicious activity
- Package scan info
- P/IC & Movement
- Camera on & recording

- Package bunk
- Default Group

- UPS package &
- Arrived
Daily To-do List

Before

Inside
- default page
- user approaches door.

Outside

After

Inside
- user insane profile detected
- Main list of to-do for morning routine shows up or click anywhere else to set menu

Outside
Other
Create new or
Users or New or
- menu shows the current

the user
- something to do with
- change setting or
- user wants to

Before
Outside
Inside
After
Outside
Inside
Outside
Inside

Veers
Other
Create New
Bob
Jane
John

Settings
- User wants to adjust what not the profile
- Can change door chime
- Volume controls

Before

Inside

Outside

After

Door Bell Chime / Volume and Audio

- John
- Jane
- Bob
- Creative

Other

- Door Chime
- Volume