1. An introduction outlining your criteria/constraints and your explanation of how you derived your criteria/constraints from your initial round of sketching and feedback.

Criteria and constraints discovered during the initial round of sketching are as followed:

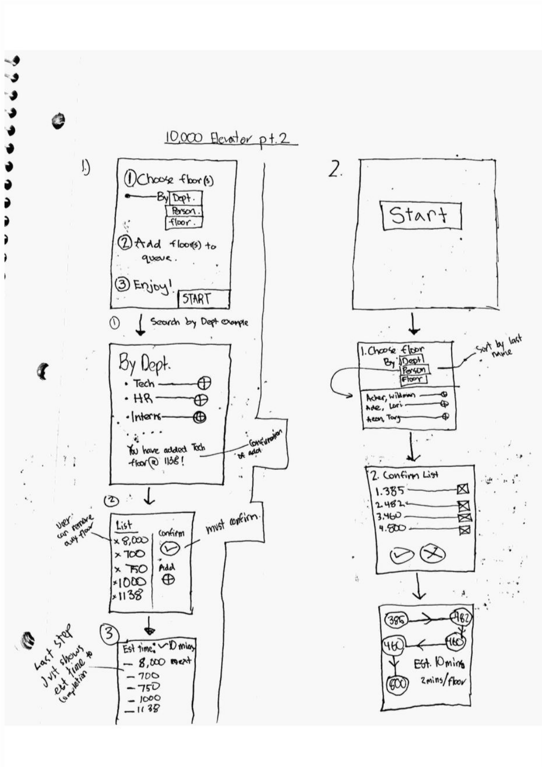
Criteria:

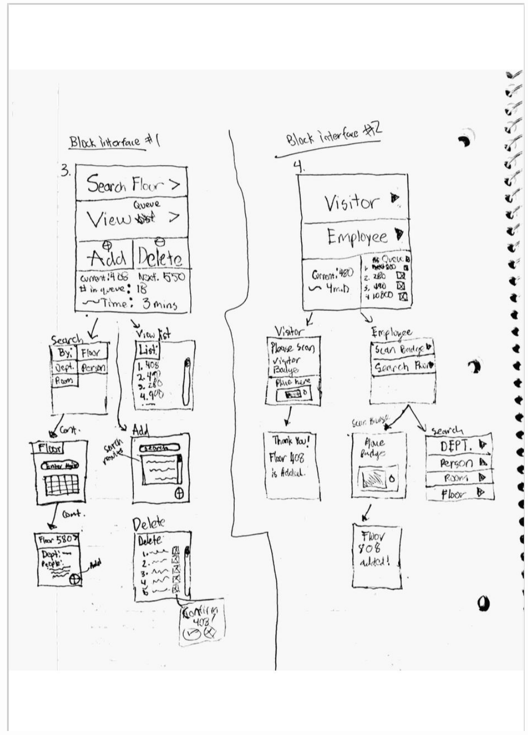
- Interface has to be placed on any (or all) wall of the elevator.
- Interface has to be able to accomodate any floor number inputted.
- Interface has visually show the estimated time for each floor.
- Interface can search by Floor/Department/Person of Interest.
- Interface has to have a delete option for any undesired floor.
- Tasks must be accomodated:
    - 1. Enter desired floor.
    - 2. Add to queue.
    - 3. Delete from queue.
    - 4. Find estimated time.

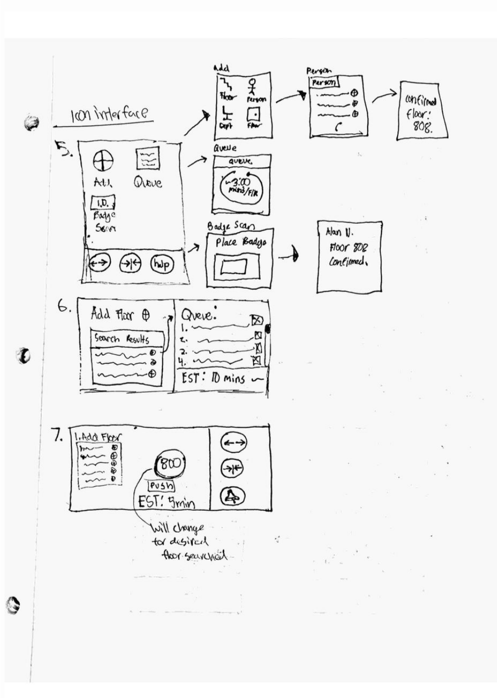
Constraints:

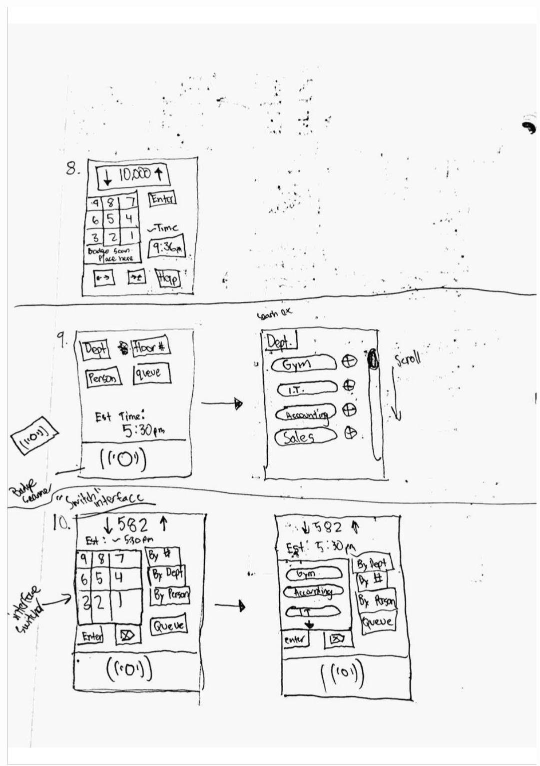
- Must follow current day technology, but is VERY fast.
- No larger than 16 x 8 (L x W). *In real life.
- Must be tactile functionality.
- Maximum Capacity ~9 Persons per Elevator
- Elevator will is not directional dependant. Tech is advanced enough to find the optimal path in the least amount of time.

2. **10 New Sketches**

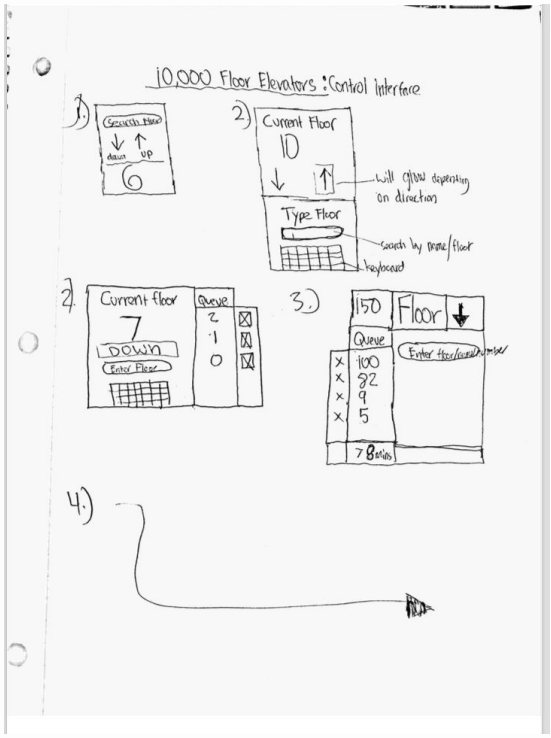

10,000 Elevator pt.2
1)
① Choose floor(s)
By Dept.
Person.
floor.
② Add floor(s) to queue.
③ Enjoy!
START
① Search by Dept example
By Dept.
• Tech
• HR
• Interns
You have added Tech floor@ 1138!
②
List
× 8,000
× 700
× 750
× 1000
× 1138
Confirm
Add
must confirm.
③
Est time: ~10 mins
— 8,000
— 700
— 750
— 1000
— 1138
Last step Just shows est time & completion
2.
Start
1. Choose Floor
By Dept
Person
Floor
Sort by last name
2. Confirm List
1. 385
2. 482
3. 460
4. 800
385
482
460
800
Est. 10 mins
2mins/floor

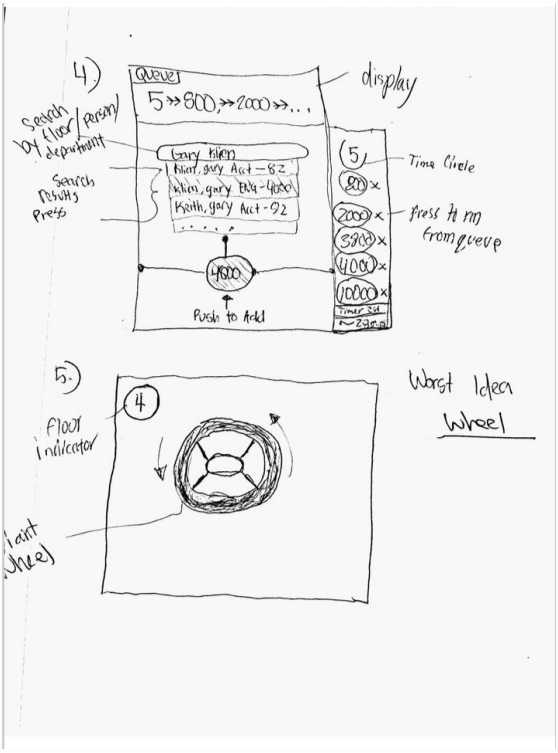

Block Interface #1
3.
Search Floor >
Queue
View >
Add
Delete
Current: 1408
Next: 1550
in queue: 18
~Time: 3 mins
Search
View list
List
Add
Delete
Cont.
Floor 580
Block Interface #2
4.
Visitor
Employee
Current: 480
~ 4 min
Visitor
Please Scan Visitor Badge
Thank You! Floor 408 is Added.
Employee
Scan Badge
Search Floor
Search
DEPT.
Person
Room
Floor
Place Badge
Floor 808 added!

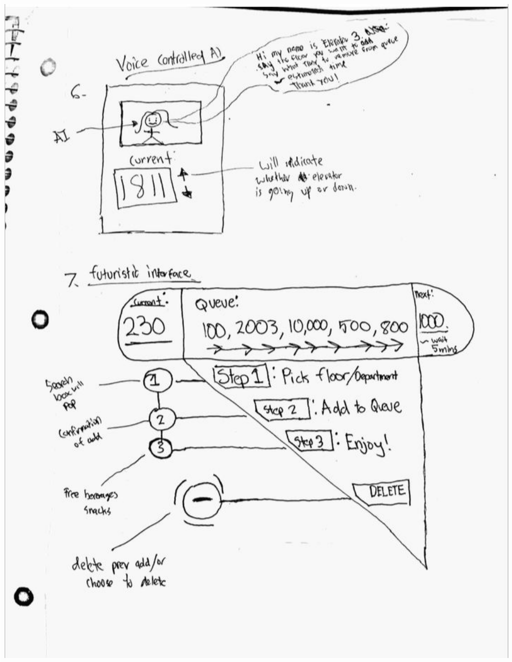
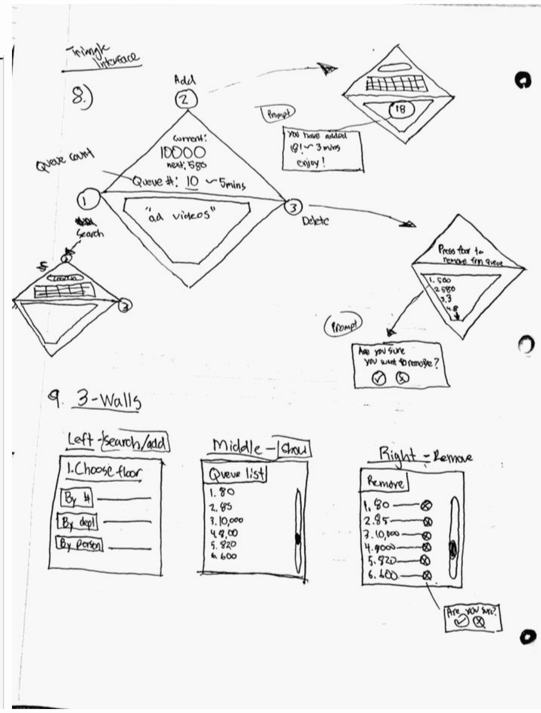

Icon Interface
5.
Add
Queue
I.D. Badge Scan
help
Add
Floor
Person
Dept
Person
Confirmed floor: 808.
Queue
queue.
Badge Scan
Place Badge
Alan V. Floor 808 Confirmed.
6.
Add Floor ⊕
Search Results
Queue:
EST: 10 mins
7.
1. Add Floor
800
PUSH
EST: 5min
Will change for desired floor searched


8.
10,000
Enter
~Time
9:36pm
Badge Scan Place here
Help
9.
Dept
Floor #
Person
queue
Est Time:
5:30pm
Dept.
Gym
I.T.
Accounting
Sales
Scroll
Badge scanner
"Switch" interface
10.
582
Est: ~ 5:30pm
By #
By Dept
By Person
Queue
Enter
Interface Switched
By Dept
By #
By Person
Gym
Accounting
enter

3. **10 Old Sketches**






6.
Voice controlled AI
AI
current
1811
Will indicate whether elevator is going up or down.
7. futuristic interface
Current:
230
Queue:
100, 2003, 10,000, 500, 800
Next:
1000
Step 1 : Pick floor/Department
Step 2 : Add to Queue
Step 3 : Enjoy!
DELETE
confirmation of add
delete prev add/or choose to delete

Triangle interface
8.)
Add
Current:
10000
Queue #: 10 ~5mins
"ad videos"
Queue count
Search
Delete
Prompt
Are you sure you want to remove?
9. 3-Walls
Left - Search/add
1. Choose floor
By #
By dept
By person
Middle - Show
Queue list
1. 80
2. 85
Right - Remove
Remove