



# Spaceln

**Kathryn Wolfe, Chenyuan Qu, Haotian Yang**

## Problem statement

How might we address the inability for students to see how busy the dining halls and gyms are on campus?

# Empathize

## PAIN

There is no way to know how many people are in the dining halls/gym.

Kathryn Wolfe

Since students are often let out of class at the same time, the dining halls can have long lines.

Kathryn Wolfe

When the dining halls/gym is busy, it can be overwhelming and stressful.

Kathryn Wolfe

The gym runs out of equipment to borrow

Chenyuan Qu

When the gym is busy, equipment is typically taken.

Kathryn Wolfe

Grubhub is not always an accurate reflection of how many people are at Starbucks, Connections, etc.

Chenyuan Qu

## GAIN

Less stress about busy spaces

Kathryn Wolfe

Better planning for when to go to the dining hall/gym

Chenyuan Qu

Easily visualize how much gym equipment is available (basketballs, mats, etc.)

Kathryn Wolfe

# Ideate

## Dining hall

Track how many people are at different dining halls/ coffee shops on campus

Kathryn Wolfe

View dining hall hours

Chenyuan Qu

## Gym

See when typically busy times are

Kathryn Wolfe

Gym equipment availability

Chenyuan Qu

See when typically busy times are

Kathryn Wolfe

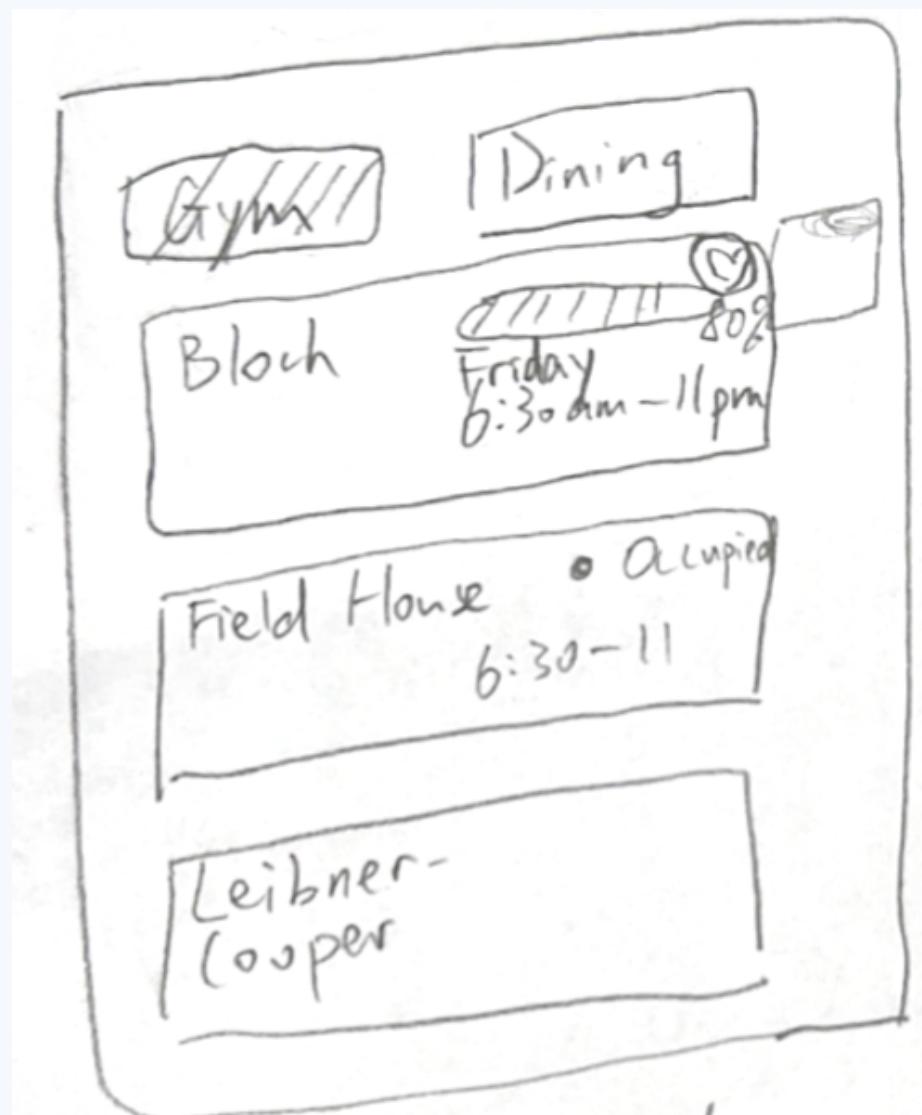
See when teams have spaces reserved

Kathryn Wolfe

View gym hours

Chenyuan Qu

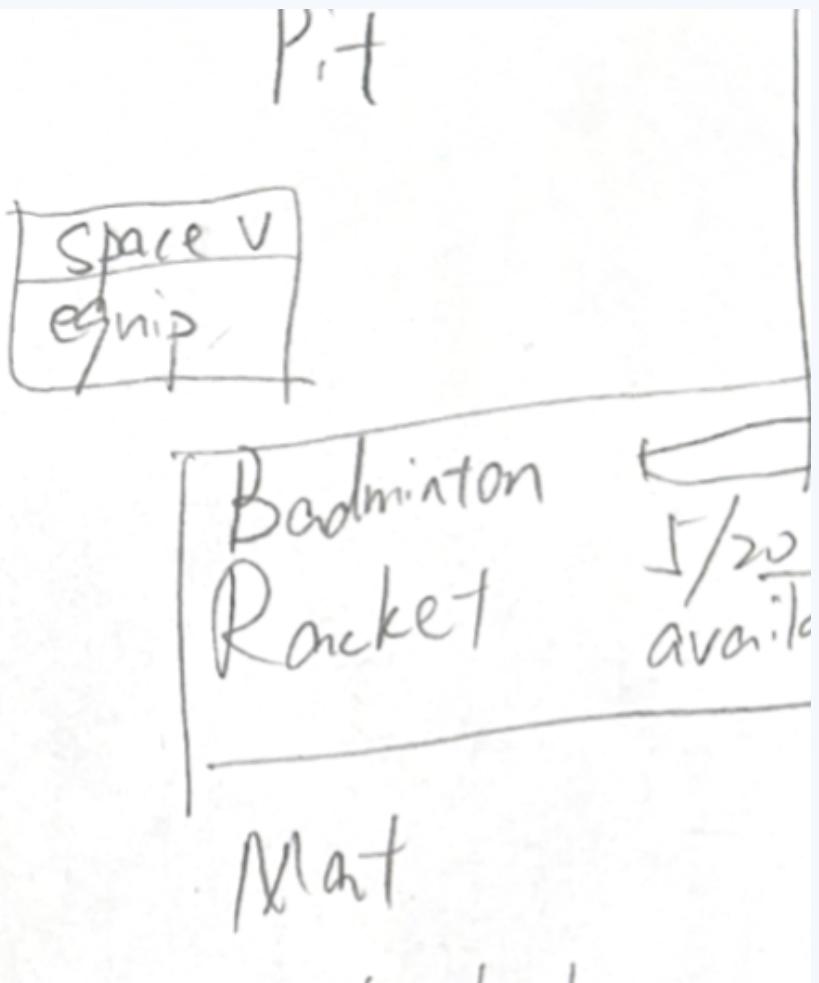
# Sketches



Squash

5/10

Tennis



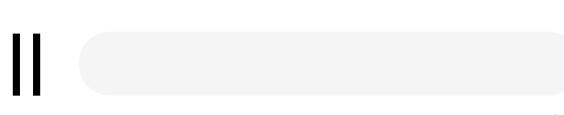
Pool

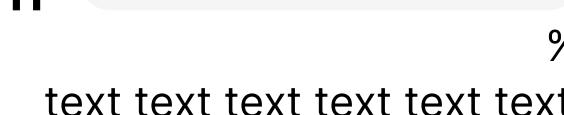


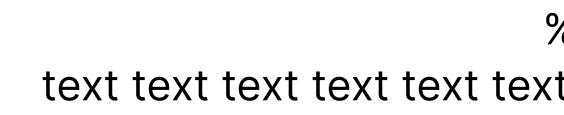
Connection

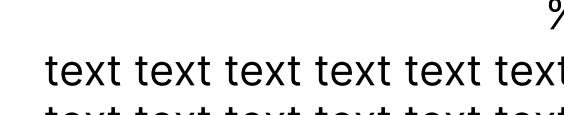


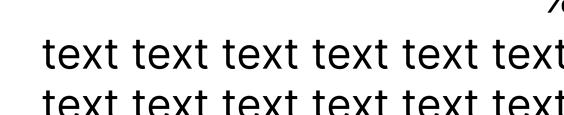
# Low-fidelity

Dining Hall  %  
text text text text text text  
text text text text text text

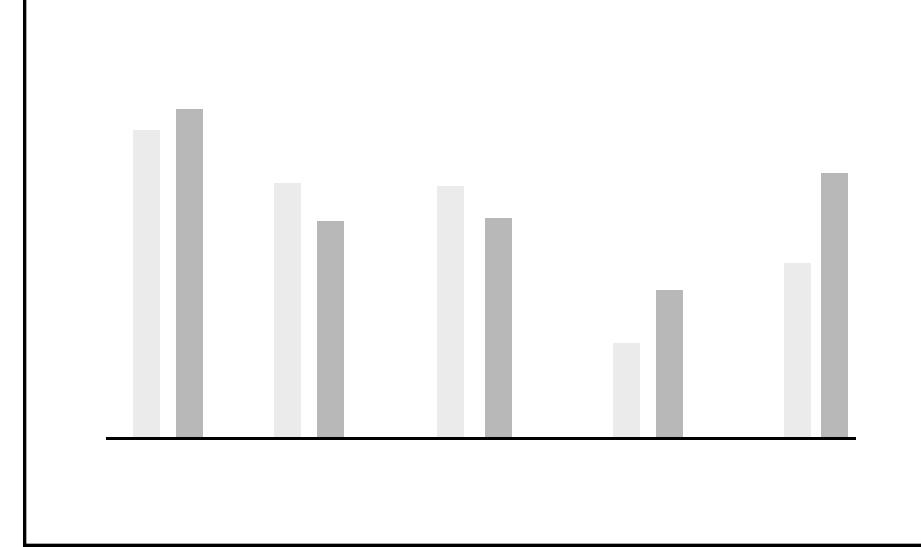
Dining Hall  %  
text text text text text text  
text text text text text text

Dining Hall  %  
text text text text text text  
text text text text text text

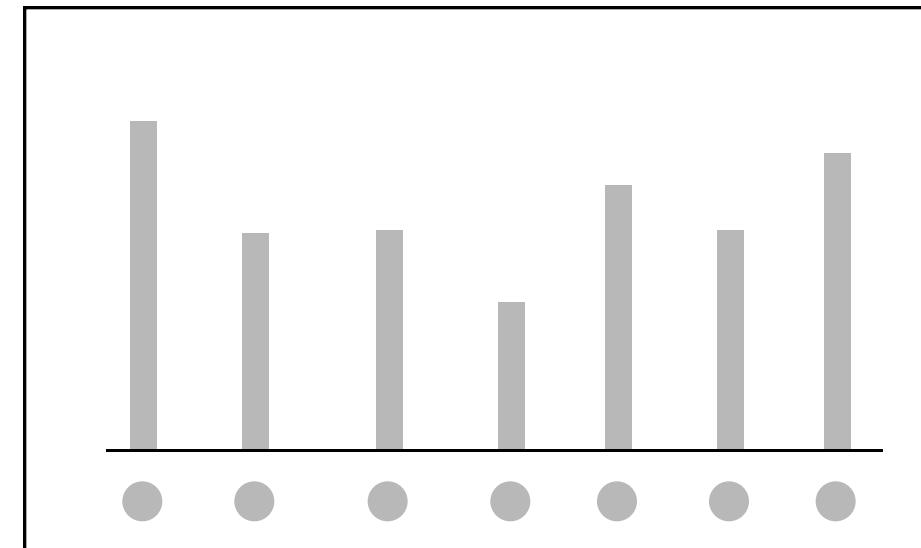
Dining Hall  %  
text text text text text text  
text text text text text text

Dining Hall  %  
text text text text text text  
text text text text text text

Dining Hall  
Current Occupation

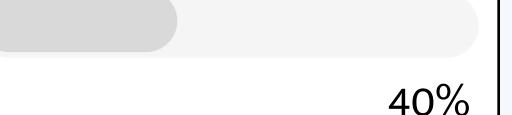


Typical Occupation



Hours

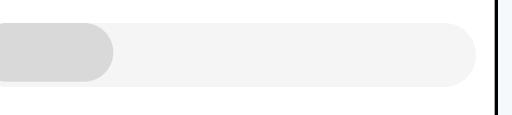
Text: 00:00
Text: 00:00
Text: 00:00

Douglas  40%  
Lunch: 11 - 2:30 pm

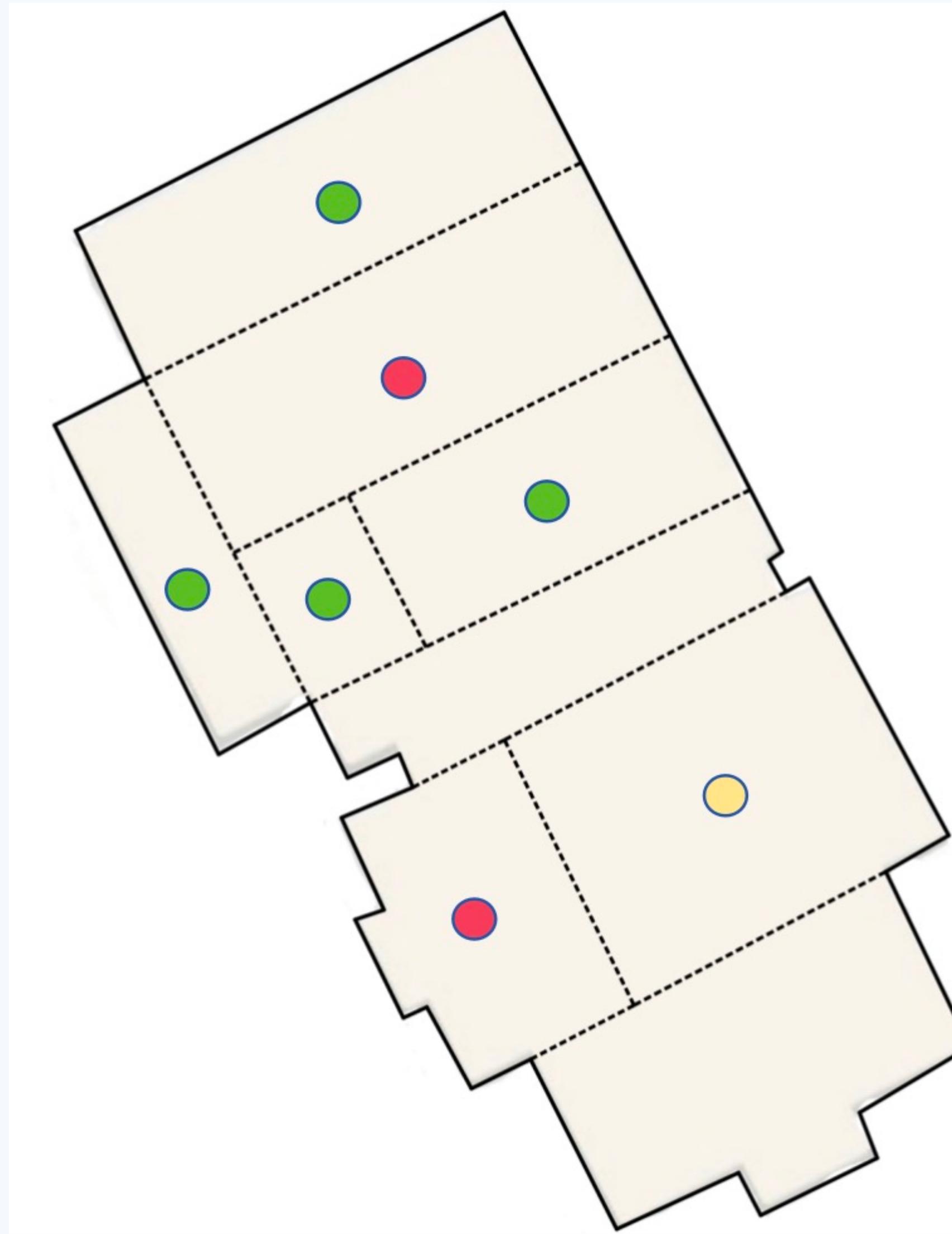
Douglas  %  
Lunch: 11 - 1:30 pm

Douglas  80%  
Open: 8 am - 11 pm

Douglas  55%  
Open: 8 am - 3 pm

Douglas  75%  
Open: 8 am - 5 pm

# Future Updates



# High-fidelity prototype