



THE DISTANCERS

COVID IN THE 'TERIA

THE DISTANCERS
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THE CHALLENGE 2020
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OUR FOCUS - CAFETERIA

- Daily occurrence for most students
- Social period
 - [Student performance dependent on social interaction](#)
- Necessary source of food for some students



Students socializing here



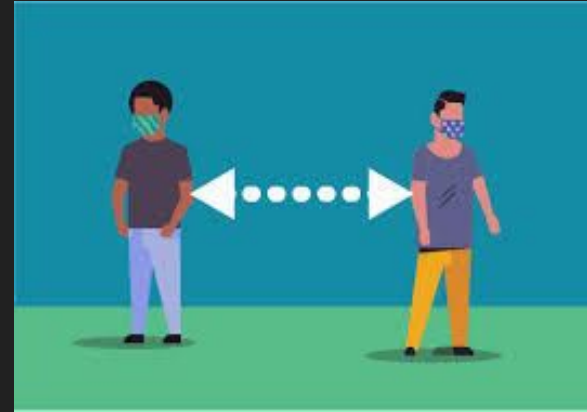
Typical school cafeteria here

THE PROBLEM

- Typically congested setting
- Constant face-to-face interaction between students and kitchen staff
- Contaminated food provides a means of transferring virus



Isolation seen here

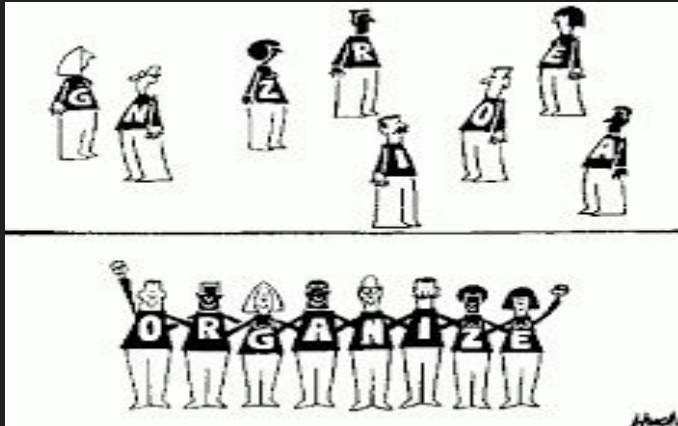


Social distancing visual here

A SOLUTION

3 Main Parts:




- Scheduling
- Order-to-Pickup
- Structure/Line Flow



SCHEDULING

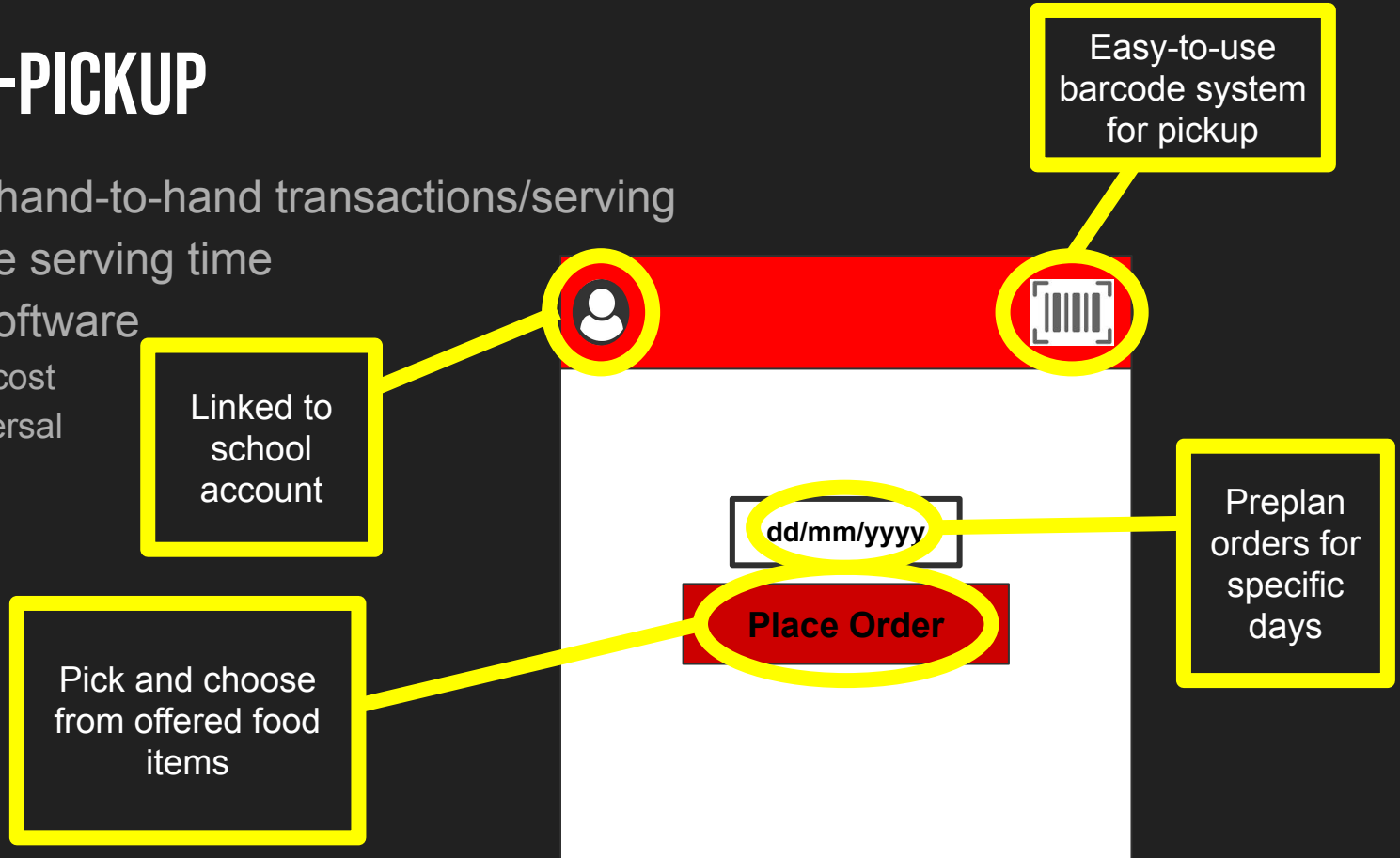
- Divided lunch periods
- Reduce congestion, increase staff efficiency
- Grouped according to students' third periods
- EX:

| | | | | | | | | |
|-----|-----|--|--|--|--|-----|-----|-----|
| 1st | 2nd | | | | | 4th | 5th | 6th |
| 1st | 2nd | | | | | 4th | 5th | 6th |
| 1st | 2nd | | | | | 4th | 5th | 6th |

 - Teachers 1-15  - Teachers 16 - 30  - Teachers 31 - 45

ORDER-TO-PICKUP

- Reduce hand-to-hand transactions/serving
- Maximize serving time
- Online software
 - Low cost
 - Universal



Linked to school account

Easy-to-use barcode system for pickup

dd/mm/yyyy

Preplan orders for specific days

Pick and choose from offered food items

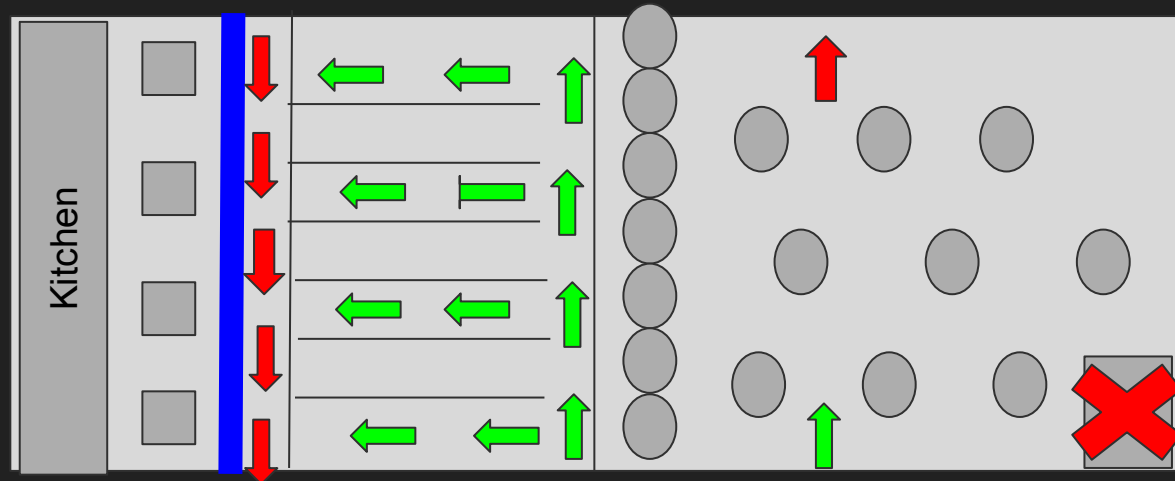
Place Order

STRUCTURE/LINE FLOW

- Limited entrances and exits
 - [Restricted traffic flow decreases odds of contraction](#)
- Physical barriers protect verbal/oral transmission
 - [The high impact of plexiglass shields](#)
- Design is limited to individual school cafeteria

Created by Connor Brown

Inspired by Deer Valley High School



FINAL CONSIDERATIONS

- Low monetary cost, time is necessary
- Utilize current space, nothing extra
- Nearly universal with some restrictions
- Easy to enforce/regulate



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