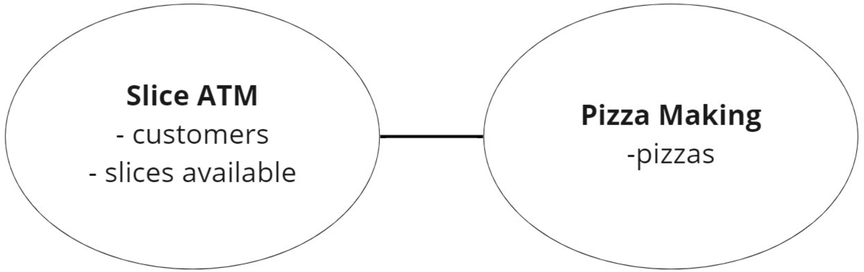


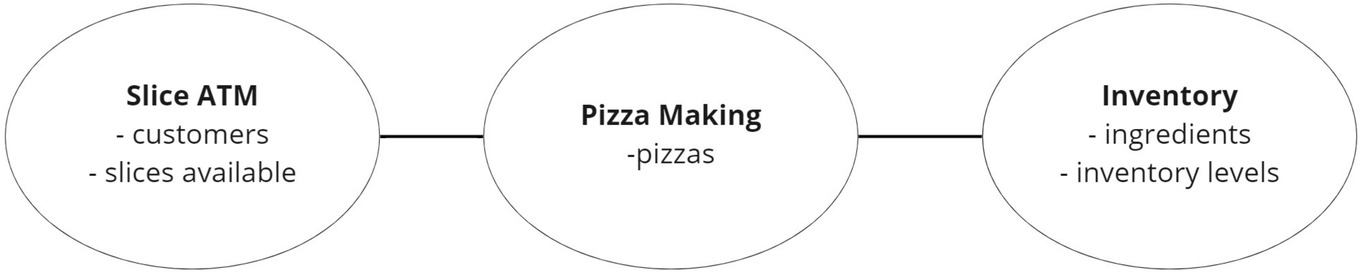
This is a pizza system that allows consumers to purchase pizza by the slice, ordering off a UI displaying the available slices that may be ordered.
The pizzas are manually prepared and baked. As new pizzas are completed, the UI reflects the corresponding slices currently available.

Slice ATM
. Slices only
. Fixed combinations
. Informs making when low availablity
. Informs priced adjustment down when pizza getting old

Pizza Making:

. Manual
. Informs when new pizza available

miro



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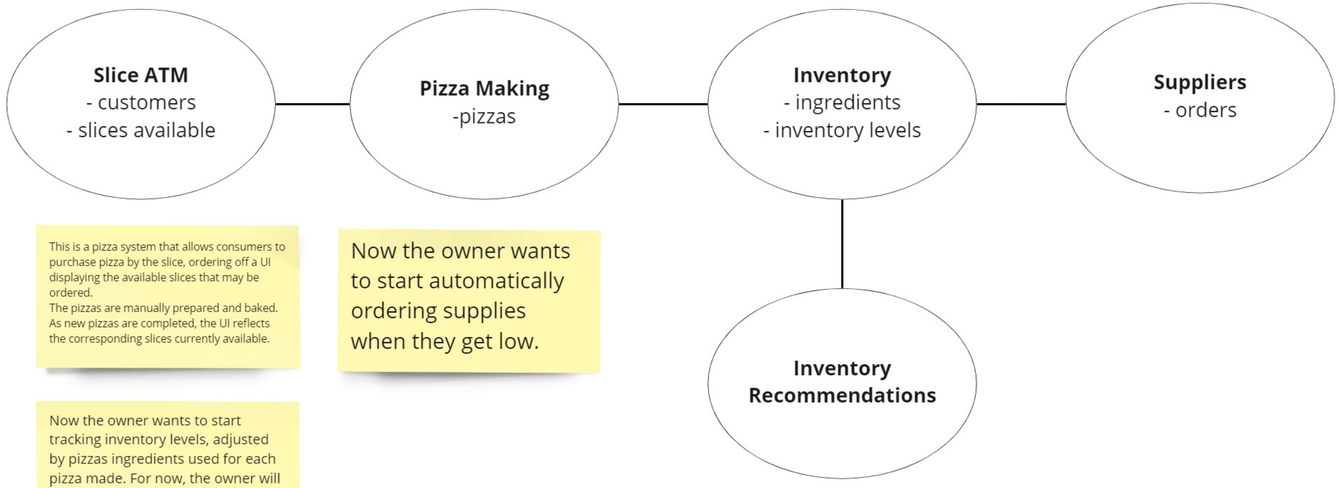
Slice ATM
- customers
- slices available
Pizza Making
-pizzas
Inventory
- ingredients
- inventory levels
Suppliers
- orders
Inventory Recommendations
This is a pizza system that allows consumers to purchase pizza by the slice, ordering off a UI displaying the available slices that may be ordered.
The pizzas are manually prepared and baked. As new pizzas are completed, the UI reflects the corresponding slices currently available.
Now the owner wants to start automatically ordering supplies when they get low.
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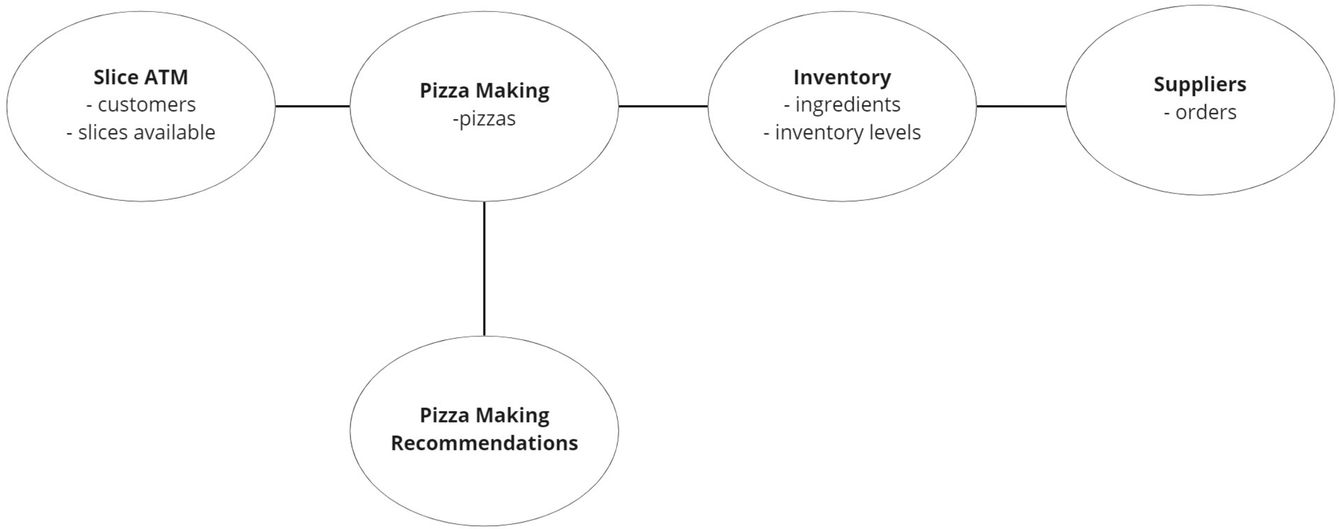
miro



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. Slices only
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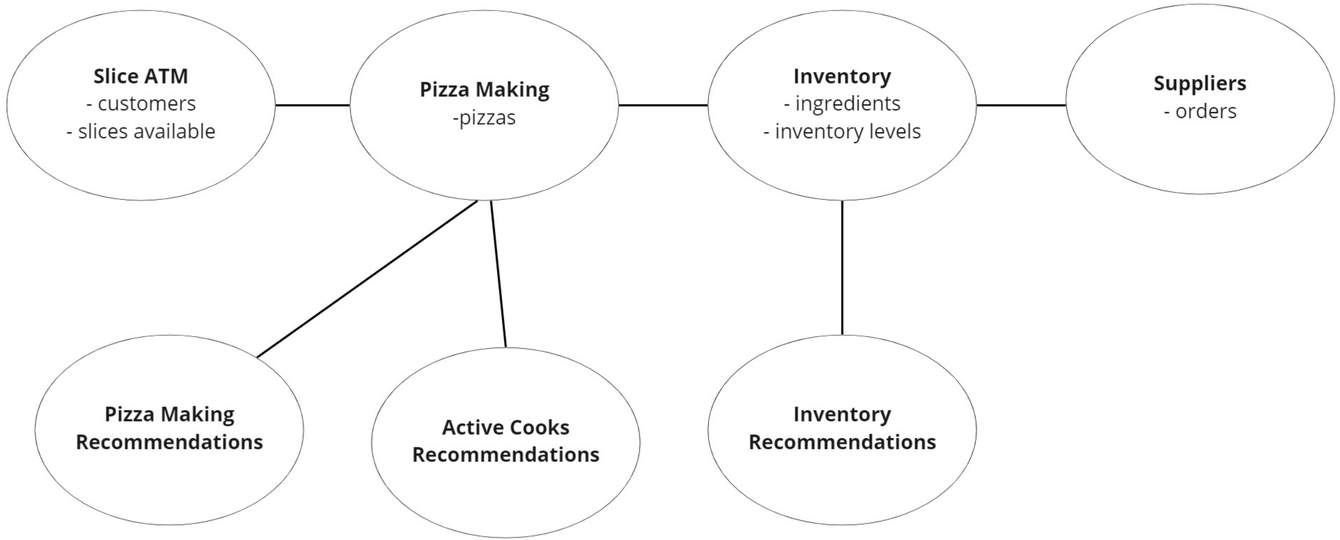
Now the owner wants to start tracking inventory levels, adjusted by pizzas ingredients used for each pizza made. For now, the owner will manually submit orders for ingredients.

Now the owner wants collect pizza eating habits to make recommendations for when to start cooking a specific type of pizza.

Pizza Making:

. Manual
. Informs when new pizza available

miro



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Now the owner wants to start automatically ordering supplies when they get low.

Now the owner wants to make the supply ordering automatically based on ordering recommendations

Slice ATM
. Slices only
. Fixed combinations
. Informs making when low availablity
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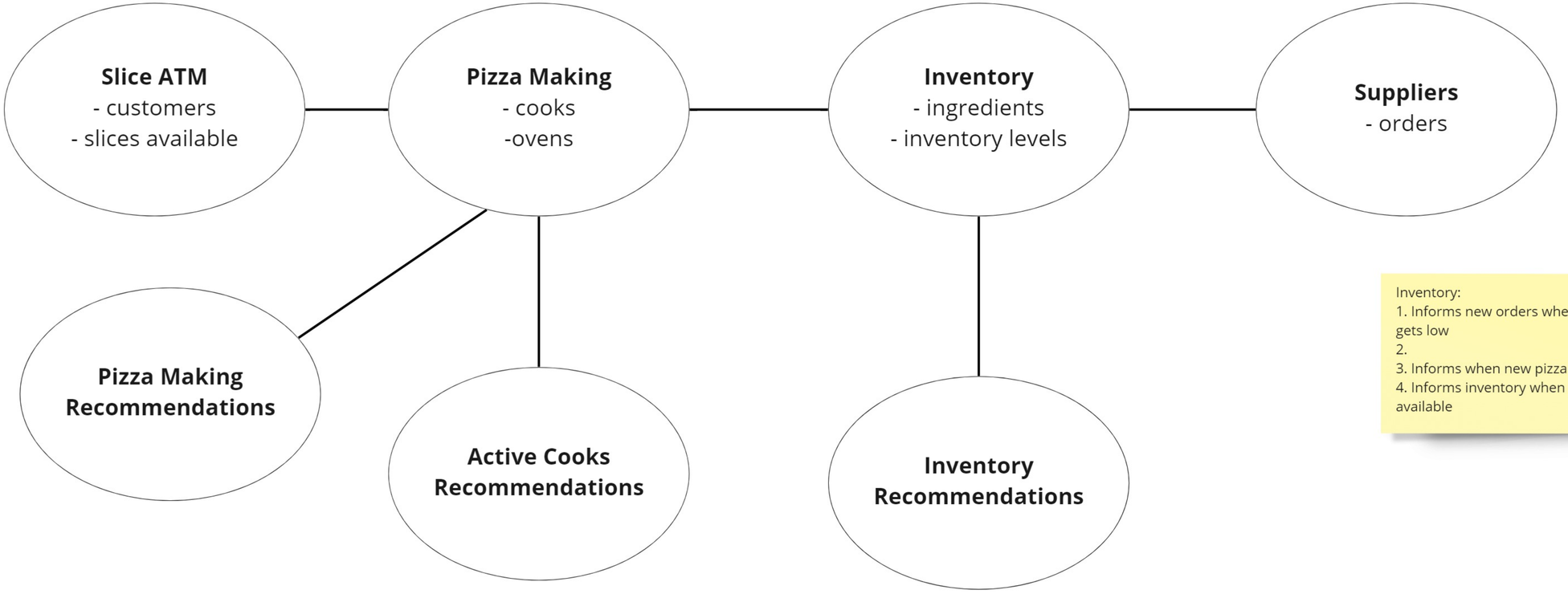
Pizza Making:

. Manual
. Informs when new pizza available

miro



Making:

1. Automated
2. Slices only
3. Informs when new pizza available
4. Informs inventory when new pizza available
5. Pizza makers signin and signout
6. Auto increases pizza makers when orders go up
7. Auto decreases pizza makers when orders go down

Inventory:
1. Informs new orders when inventory gets low
2.
3. Informs when new pizza available
4. Informs inventory when new pizza available

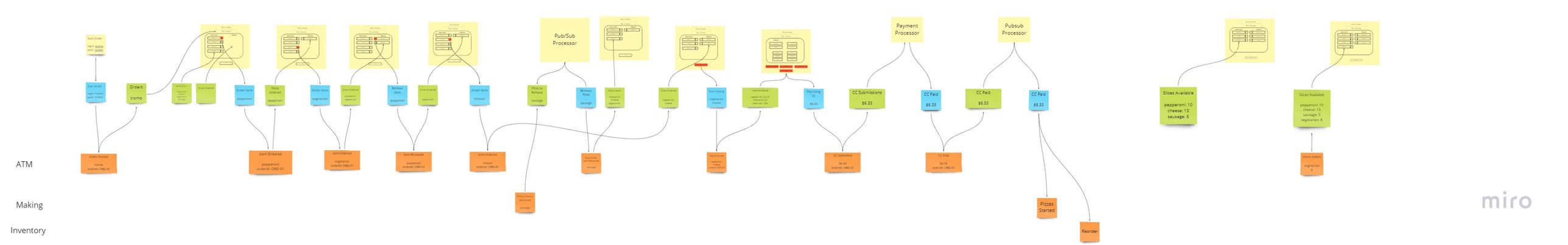
Orders

1. Informs inventory when orders arrive
2. backorders?

Ordering:

1. Automated
2. Slices only
3. Fixed combinations
4. Informs making when low availablity
5. Informs priced adjustment down when pizza getting old

miro



Start Order
Orders
tromo
Order Started
Item Ordered
pepperoni
Item Ordered
vegetarian
Item Removed
Item Ordered
Pub/Sub
Processor
Pizza to
Remove
Sausage
Remove
Pizza
Sausage
Pizza Choose
Removed
Sausage
Payment
Processor
Pay Using
CC
$6.33
CC Submissions
$6.33
CC Paid
$6.33
CC Paid
$6.33
CC Paid
$6.33
Pubsub
Processor
Slices Available
pepperoni: 10
cheese: 13
sausage: 5
Slices Available
pepperoni: 10
cheese: 13
sausage: 5
vegetarian: 8
Slices Added
vegetarian
ATM
Making
Inventory
Pizzas
Started
Reorder
miro

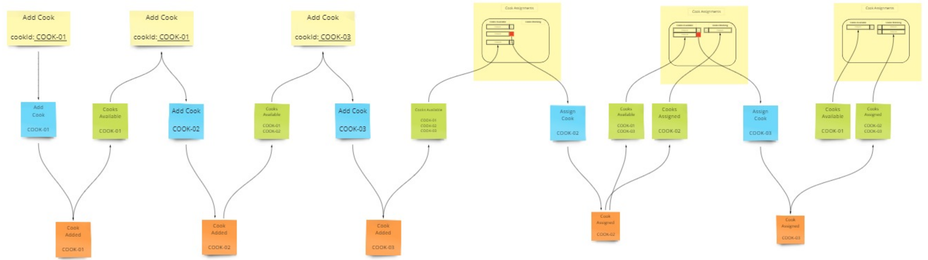
Manager

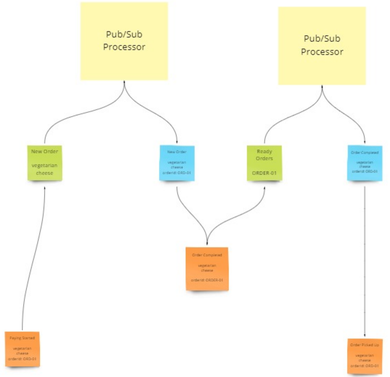
Making

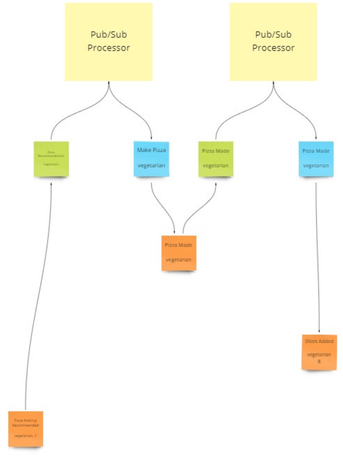
ATM

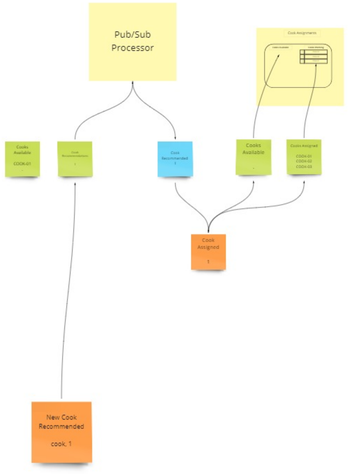
Pizza Making Recommendation

Hiring Cook Recommendation

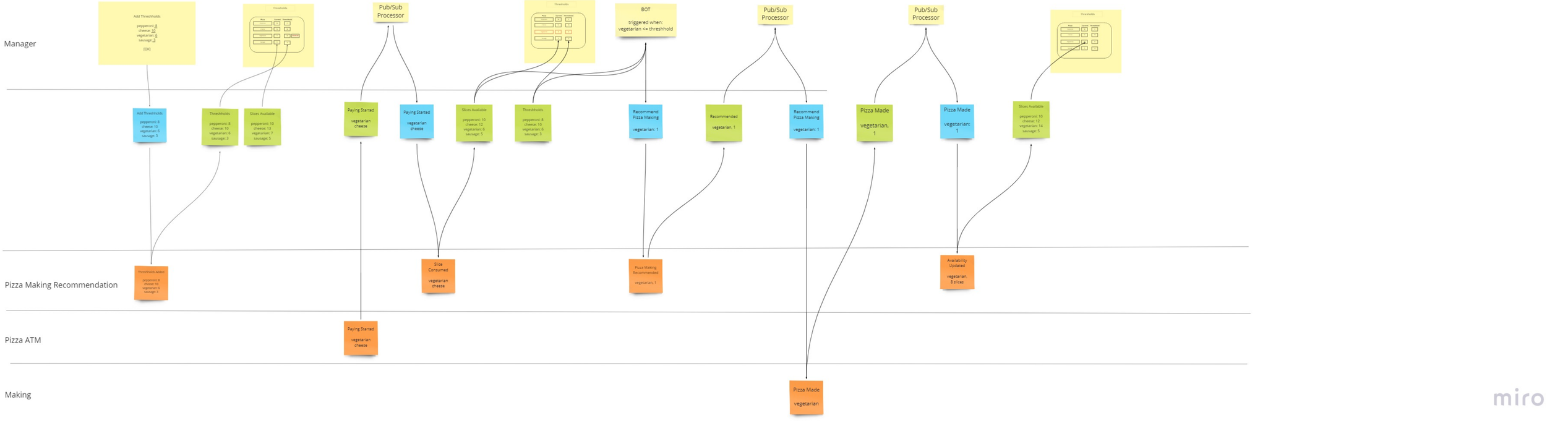




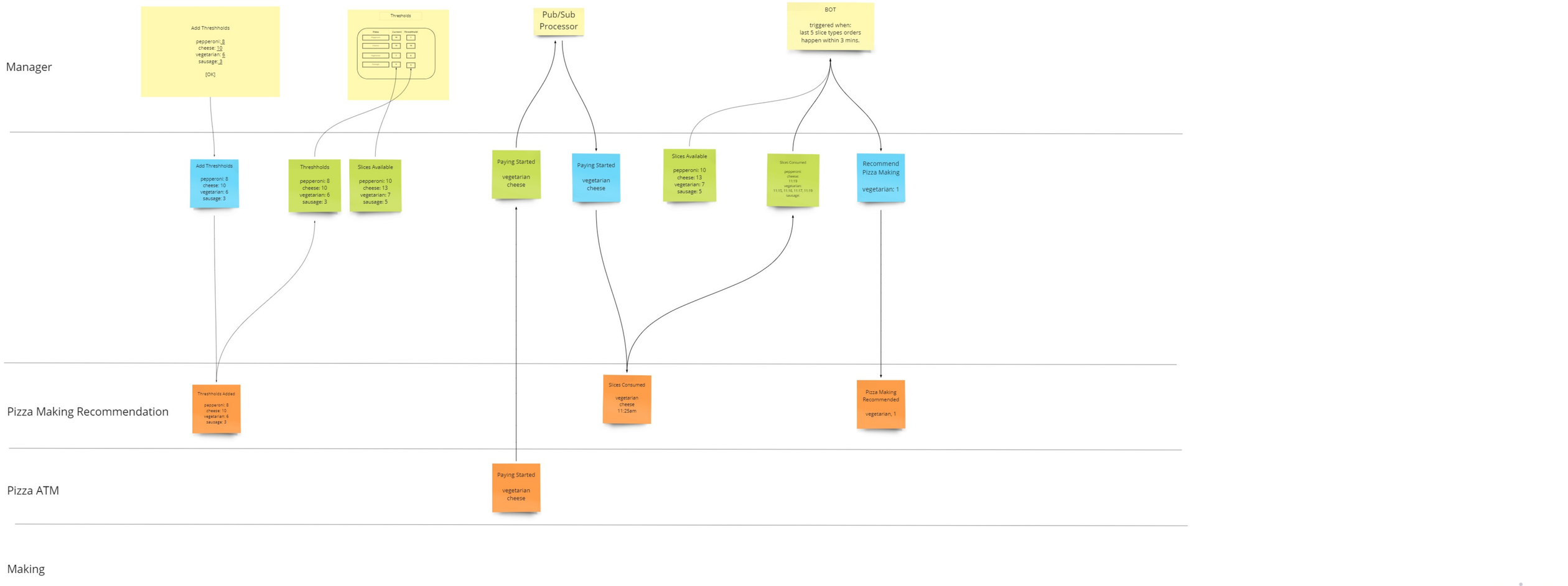




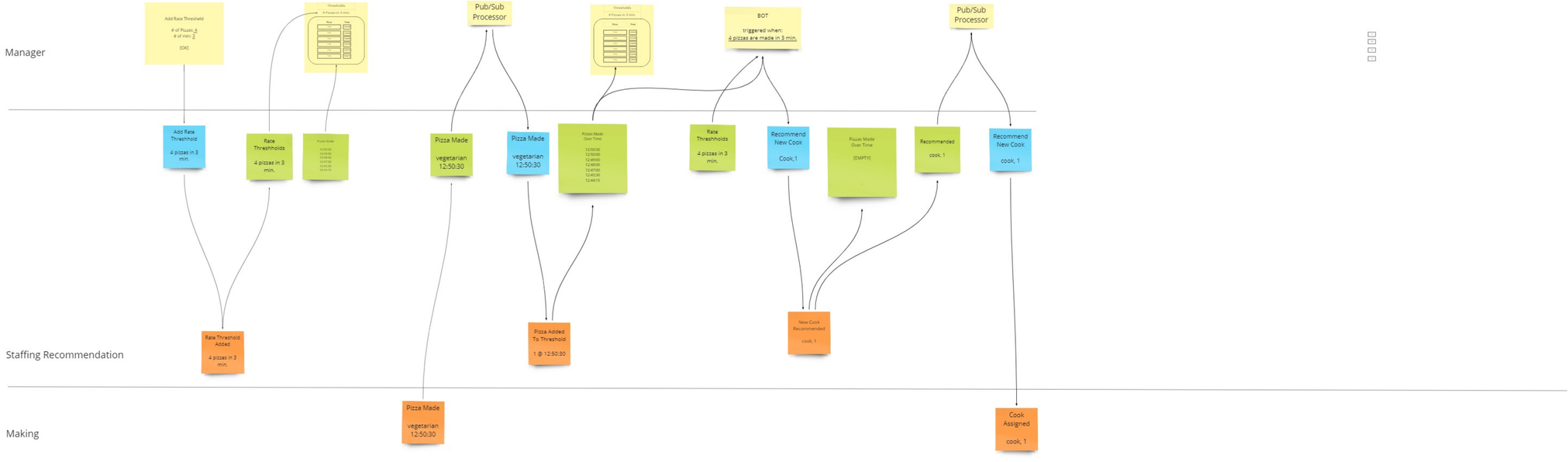
miro


Manager
Pizza Making Recommendation
Pizza ATM
Making
Add Thresholds
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
[OK]
Thresholds
Pizza
Cheese
Pepperoni
Vegetarian
Sausage
Pub/Sub Processor
BOT
triggered when:
vegetarian <= threshold
Add Thresholds
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
Thresholds
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
Slices Available
pepperoni: 10
cheese: 13
vegetarian: 7
sausage: 5
Paying Started
vegetarian
cheese
Paying Started
vegetarian
cheese
Slices Available
pepperoni: 10
cheese: 12
vegetarian: 6
sausage: 5
Thresholds
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
Recommend Pizza Making
vegetarian: 1
Recommended
vegetarian, 1
Recommend Pizza Making
vegetarian: 1
Pizza Made
vegetarian, 1
Pizza Made
vegetarian: 1
Slices Available
pepperoni: 10
cheese: 12
vegetarian: 14
sausage: 5
Thresholds Added
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
Slice Consumed
vegetarian
cheese
Pizza Making Recommended
vegetarian, 1
Availability Updated
vegetarian,
8 slices
Paying Started
vegetarian
cheese
Pizza Made
vegetarian

miro


Manager
Add Threshholds
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
[OK]
Thresholds
Pub/Sub Processor
BOT
triggered when:
last 5 slice types orders happen within 3 mins.
Add Threshholds
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
Threshholds
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
Slices Available
pepperoni: 10
cheese: 13
vegetarian: 7
sausage: 5
Paying Started
vegetarian
cheese
Paying Started
vegetarian
cheese
Slices Available
pepperoni: 10
cheese: 13
vegetarian: 7
sausage: 5
Slices Consumed
pepperoni:
cheese:
11:19
vegetarian:
11:15, 11:16, 11:17, 11:19
sausage:
Recommend Pizza Making
vegetarian: 1
Pizza Making Recommendation
Threshholds Added
pepperoni: 8
cheese: 10
vegetarian: 6
sausage: 3
Slices Consumed
vegetarian
cheese
11:25am
Pizza Making Recommended
vegetarian, 1
Pizza ATM
Paying Started
vegetarian
cheese
Making

miro


Manager
Staffing Recommendation
Making
Add Rate Threshold
# of Pizzas: 4
# of min: 3
[OK]
Thresholds
4 Pizzas in 3 min.
Pizza
Time
Pub/Sub Processor
Thresholds
4 Pizzas in 3 min.
BOT
triggered when:
4 pizzas are made in 3 min.
Pub/Sub Processor
Add Rate Threshold
4 pizzas in 3 min.
Rate Thresholds
4 pizzas in 3 min.
Pizza Made
Pizza Made
vegetarian
12:50:30
Pizza Made Over Time
12:50:30
12:50:00
12:49:00
12:48:00
12:47:00
12:45:30
12:44:15
Rate Threshholds
4 pizzas in 3 min.
Recommend New Cook
Cook,1
Pizzas Made Over Time
[EMPTY]
Recommended
cook, 1
Recommend New Cook
cook, 1
Rate Threshold Added
4 pizzas in 3 min.
Pizza Added To Threshold
1 @ 12:50:30
New Cook Recommended
cook, 1
Pizza Made
vegetarian
12:50:30
Cook Assigned
cook, 1

miro