

Willy's Breakfast Shop

Group 6

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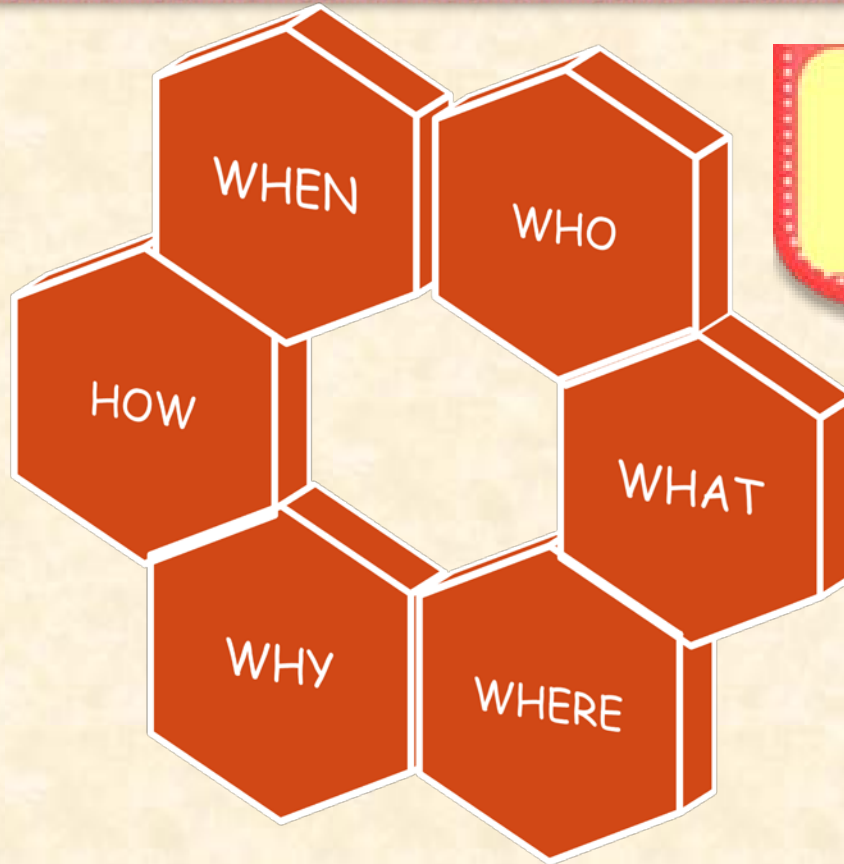


Outline

- 5W1H
- As-Is model
- To-Be model
- Organization & Object model
- Simulation Result
- Demo



Outline

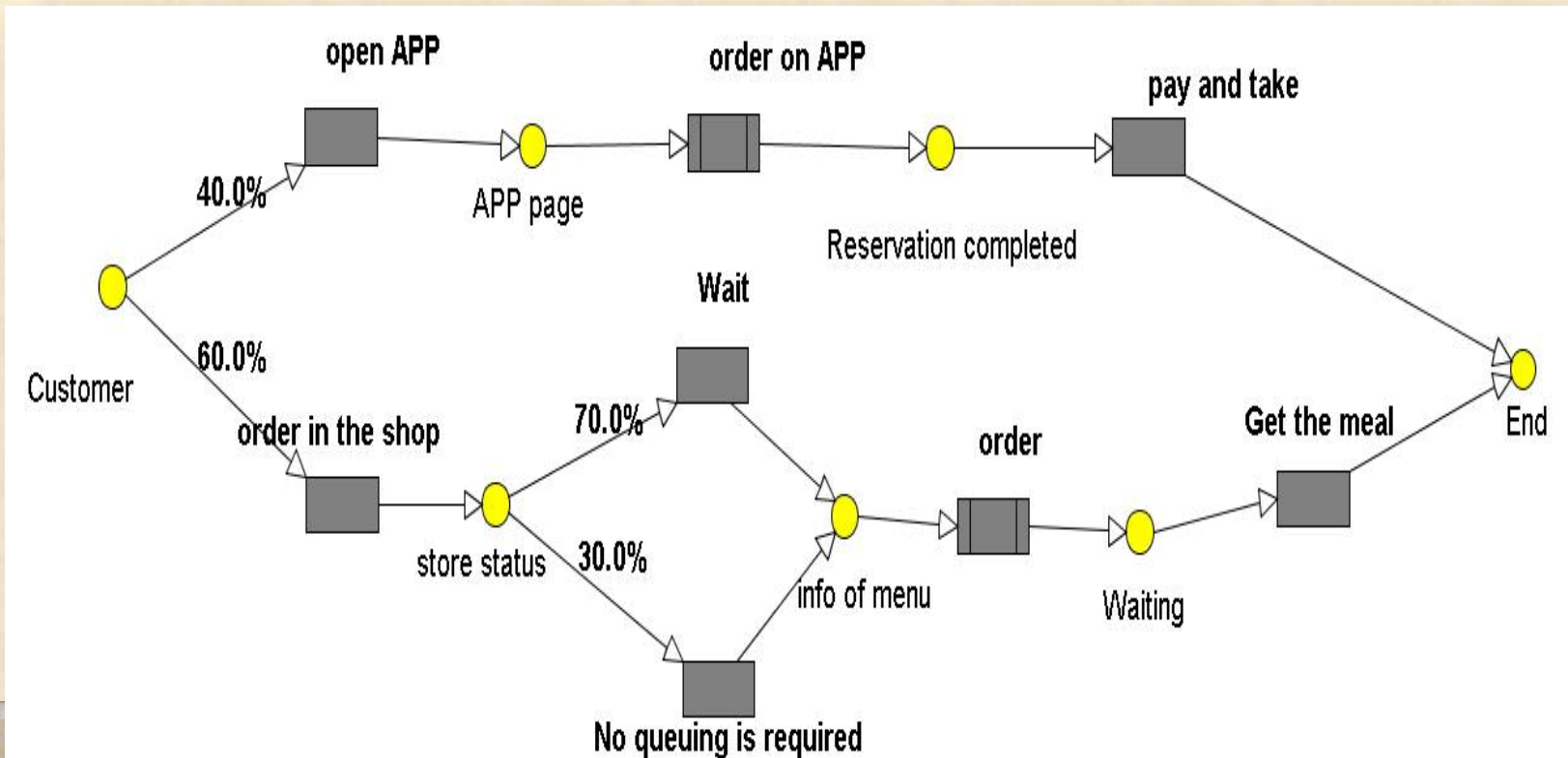


WILLY'S
Take a Break Fast



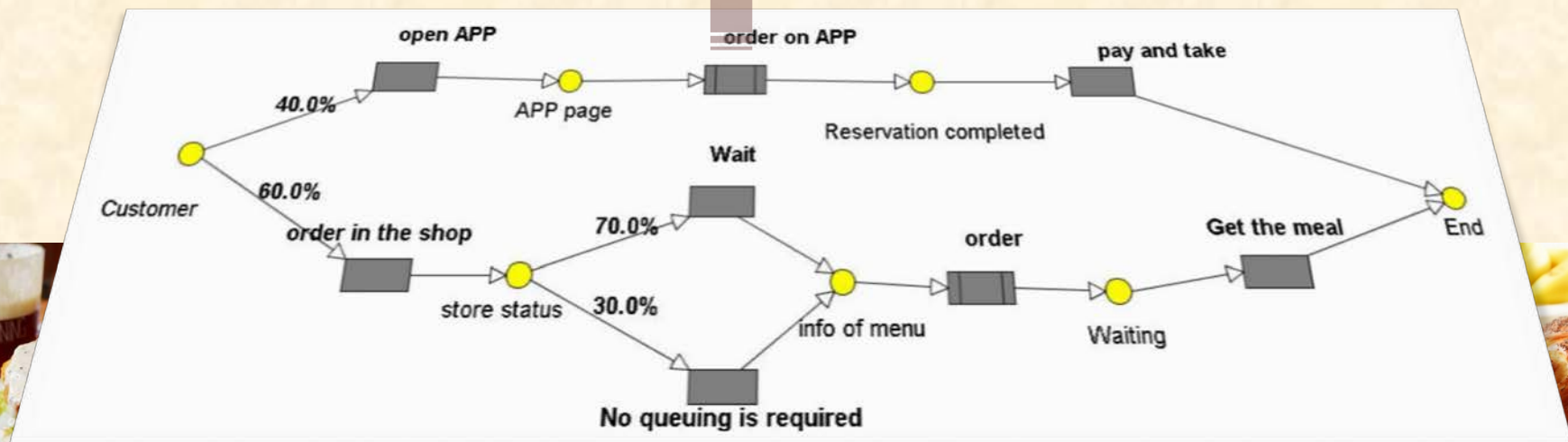
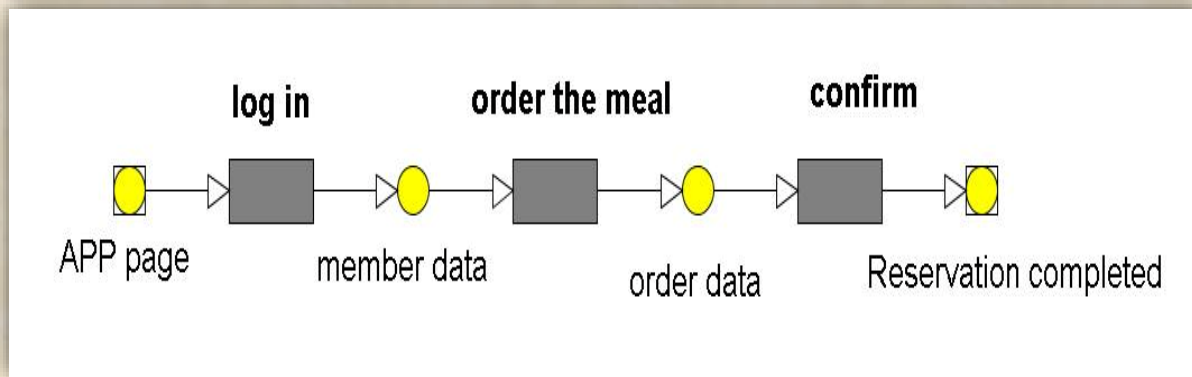
As-Is model

- Overview of our As-Is model



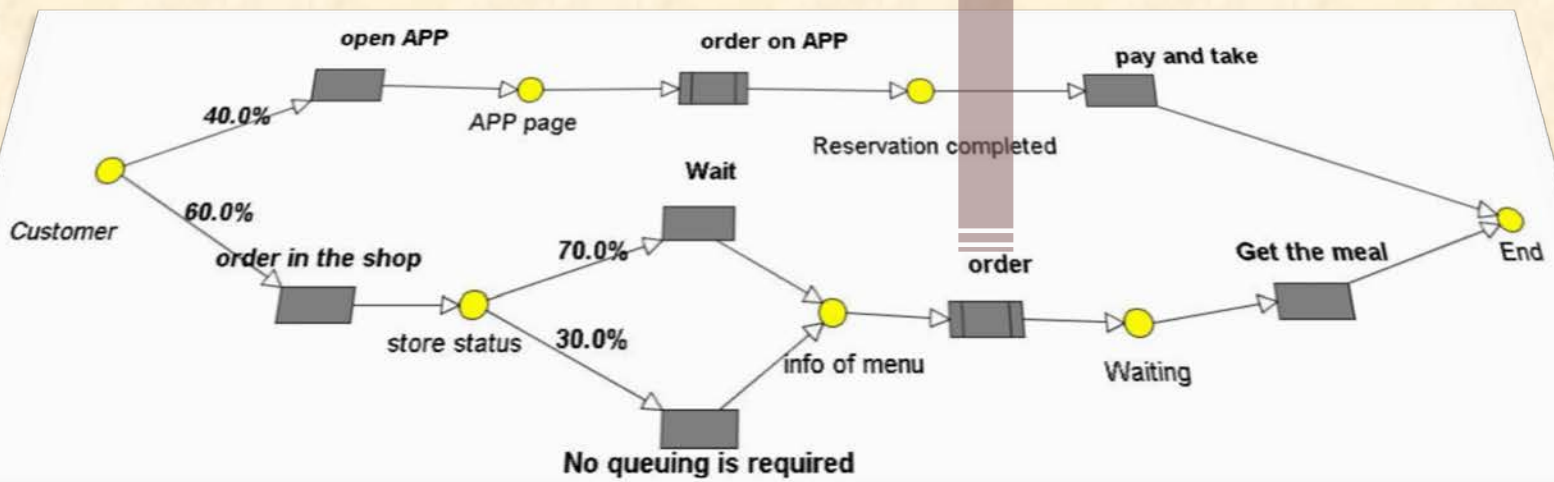
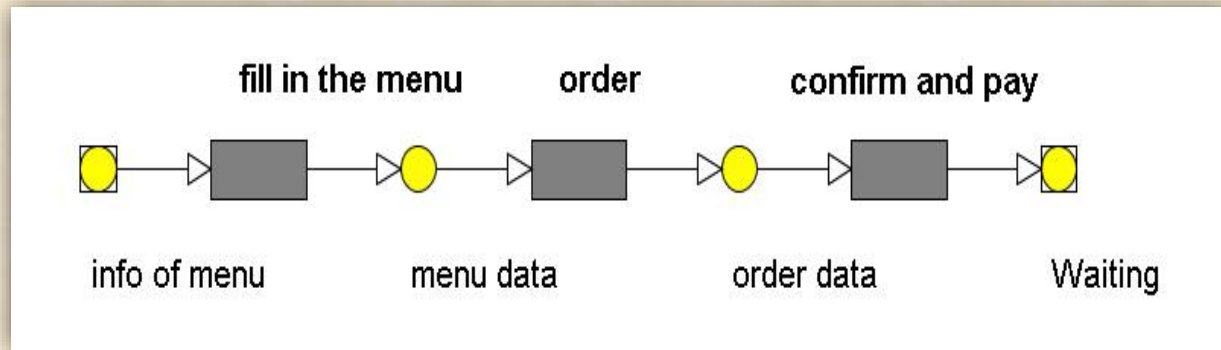
As-Is model drill down

- order on app drill down



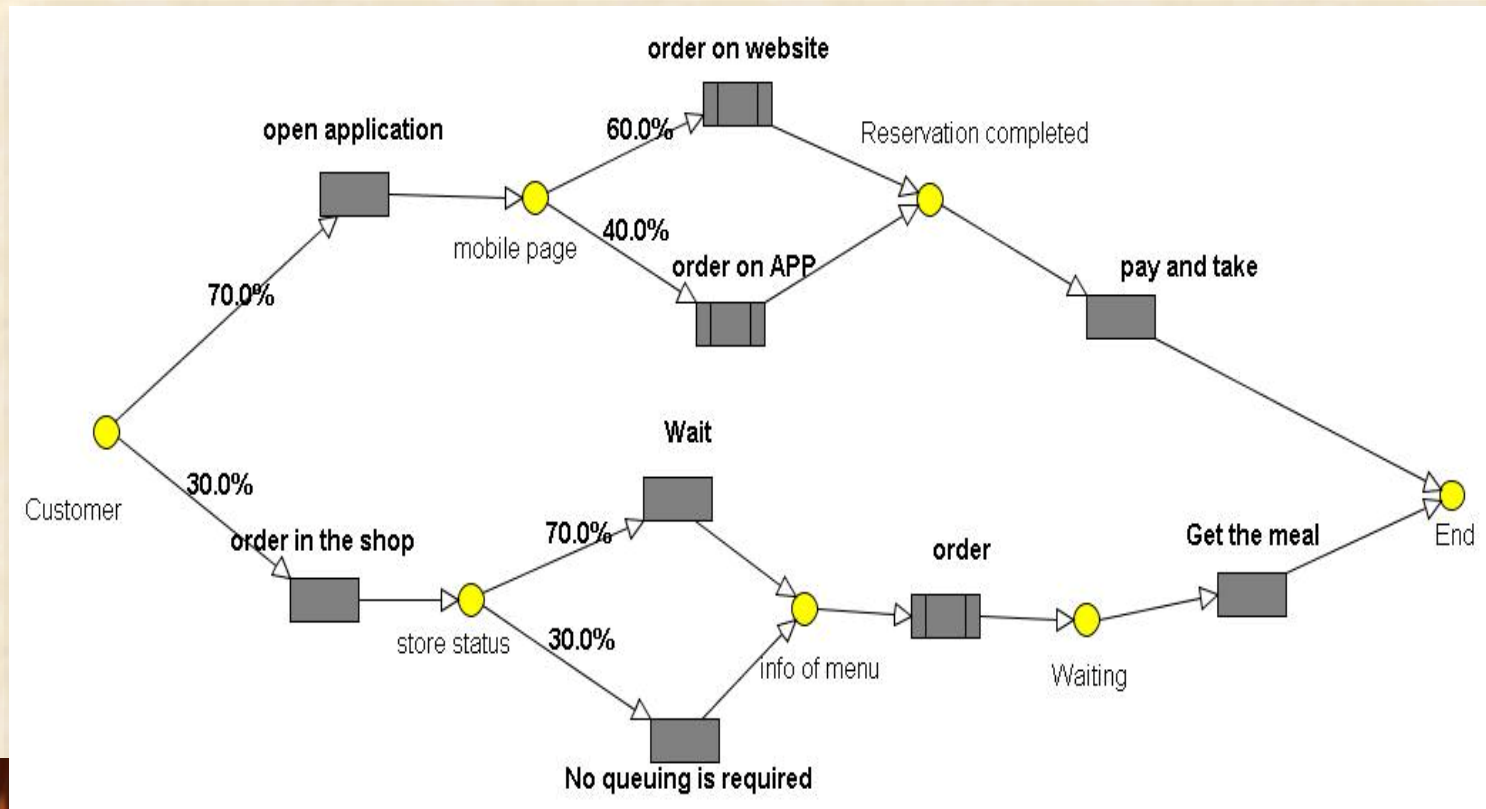
As-Is model drill down

- order drill down



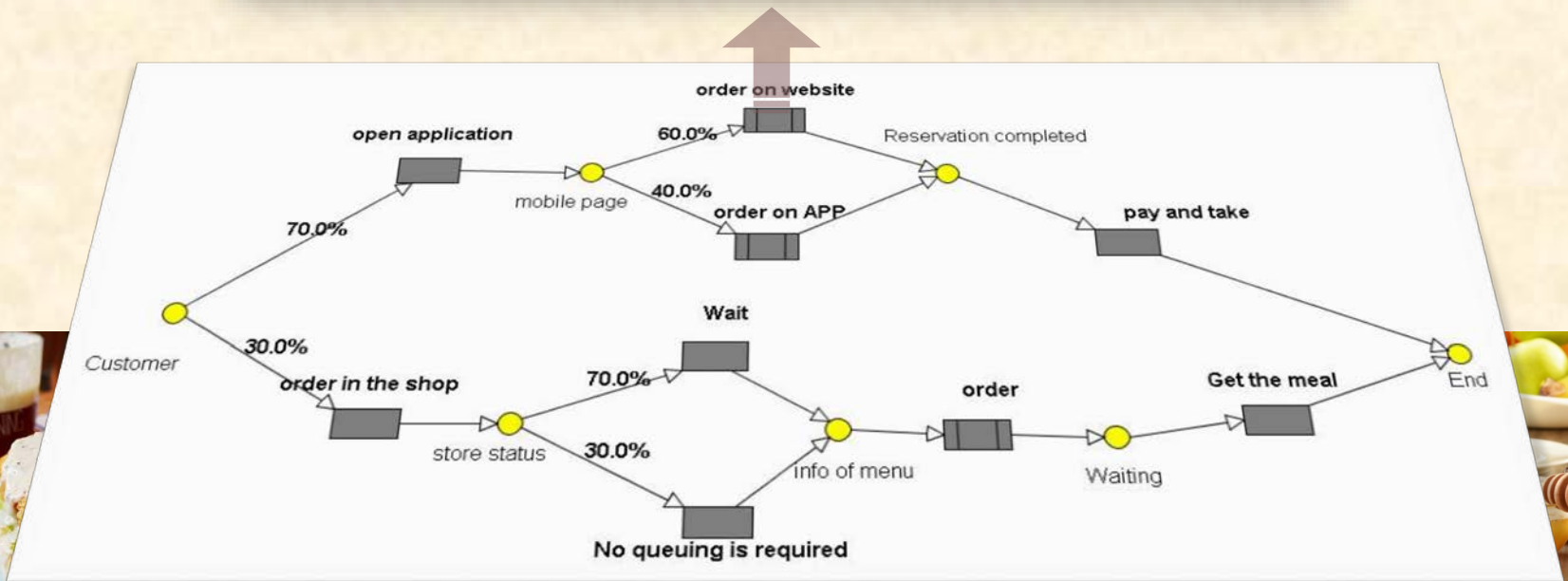
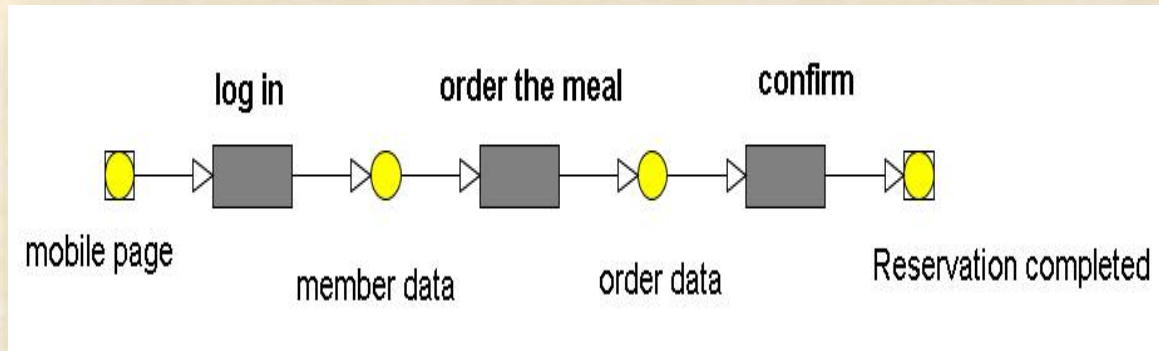
To-Be model

- Overview of our To-Be model



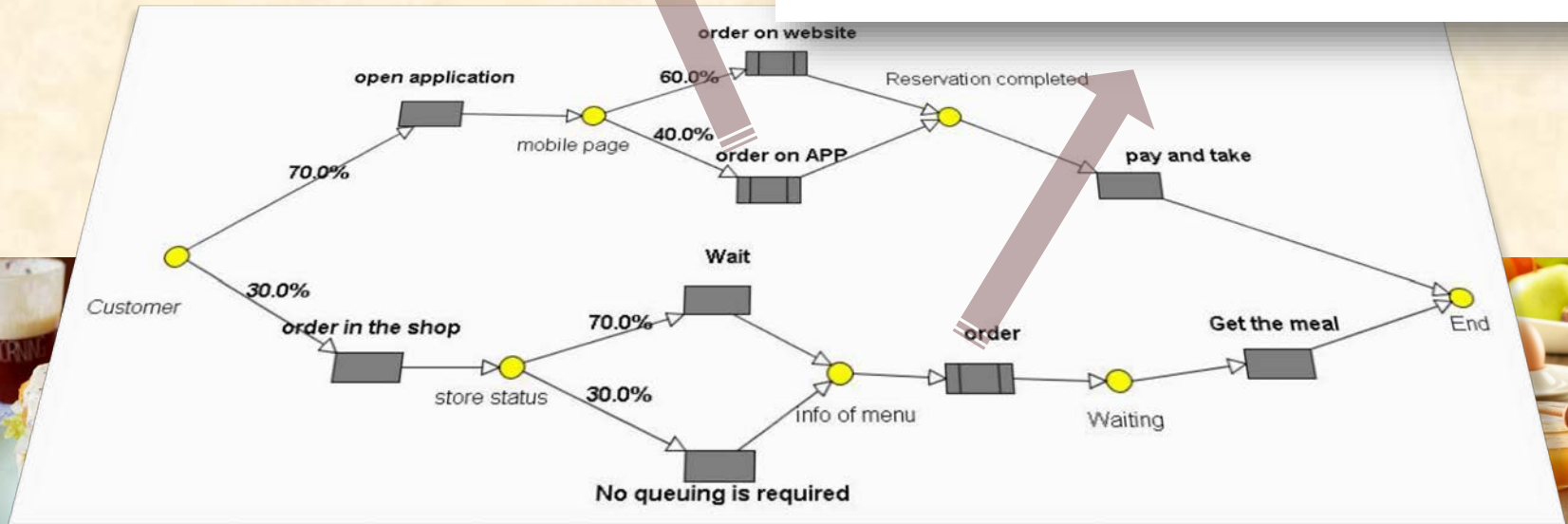
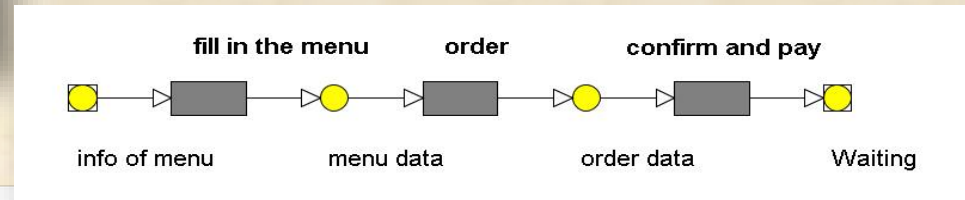
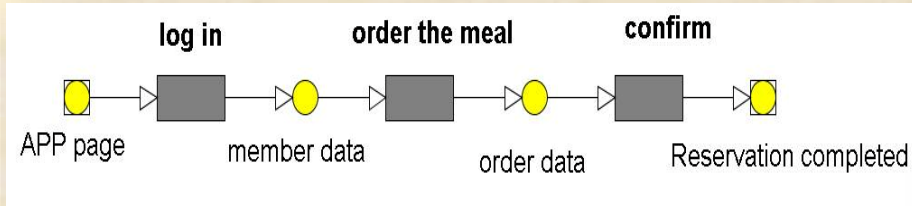
To-Be model drill down

- order on website drill down



To-Be model drill down

- order on APP drill down
- order drill down



Parameters

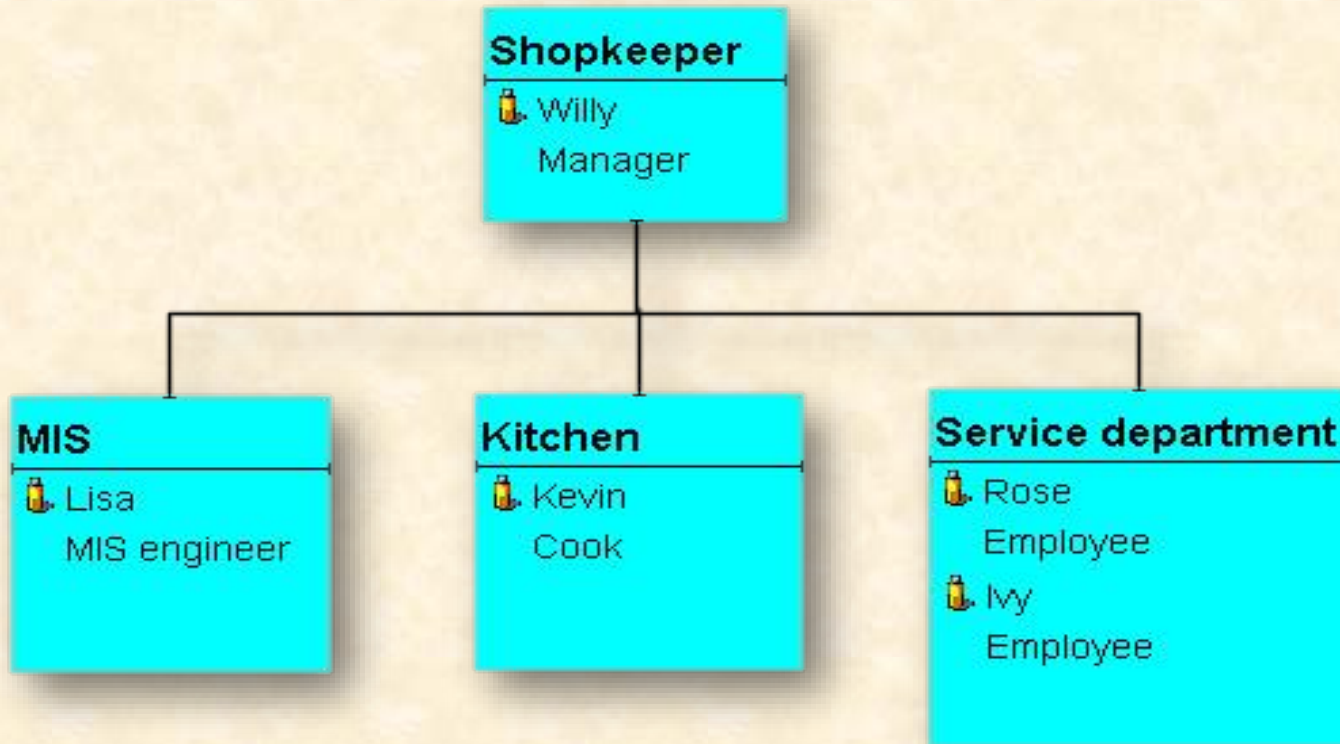
Time, Cost and Value added Data

AS-IS Model			
Behavior	Avg. Time	Cost	Value added
Open app	2(s)		
Order on app			
✓ Log in	1.5(min)		
✓ Order the meal	3.0(min)		
✓ Confirm	0.5(min)		
Pay and take	1.0(min)	30	80
Order in the shop	2.0(min)		
Wait	10.0(min)		
No queuing is required	0.5(min)		
Order			
✓ Fill in the menu	3.0(min)		
✓ Order	2.0(min)	30	80
✓ Confirm and pay	1.0(min)		
Get the meal	10.0(min)	15	

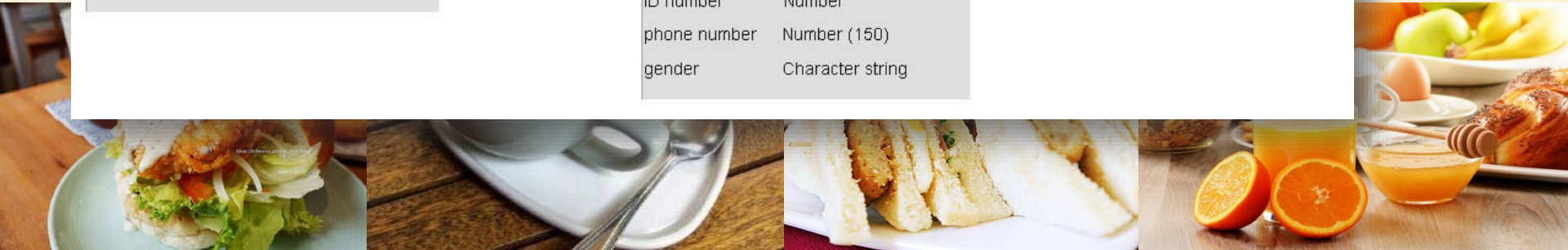
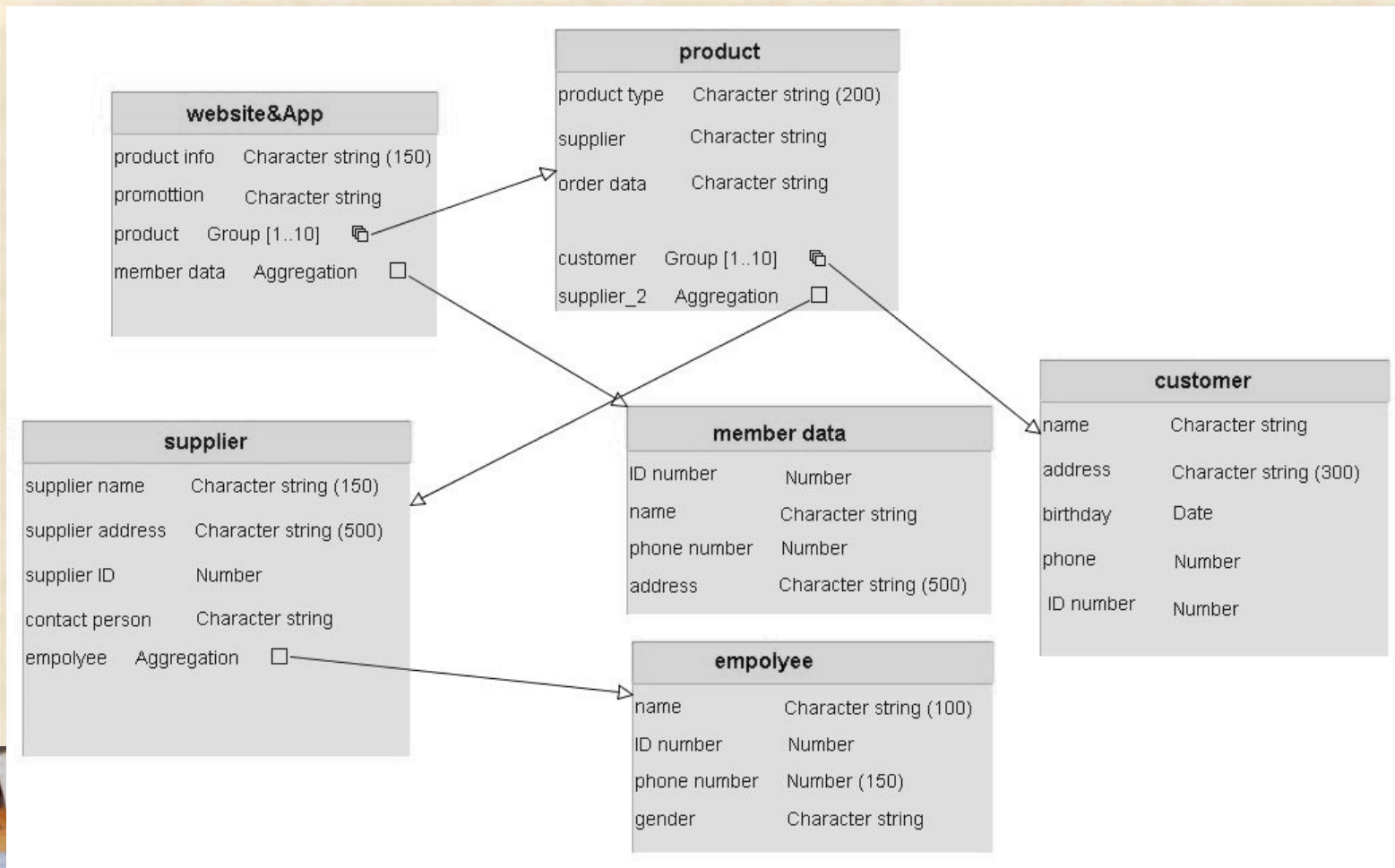
TO-BE Model			
Behavior	Avg. Time	Cost	Value added
Open application	0.5(s)		
Order on website			
✓ Log in	1.0(min)		
✓ Order the meal	0.5(min)	2	
✓ confirm	0.01(min)		
Order on app			
✓ Log in	1.5(min)		
✓ Order the meal	3.0(min)		
✓ Confirm	0.5(min)		
Pay and take	1.0(min)	30	100
Order in the shop	2.0(min)		
Wait	10.0(min)		
No queuing is required	0.5(min)		
Order			
✓ Fill in the menu	3.0(min)		
✓ Order	2.0(min)	30	80
✓ Confirm and pay	1.0(min)		
Get the meal	10.0(min)	15	



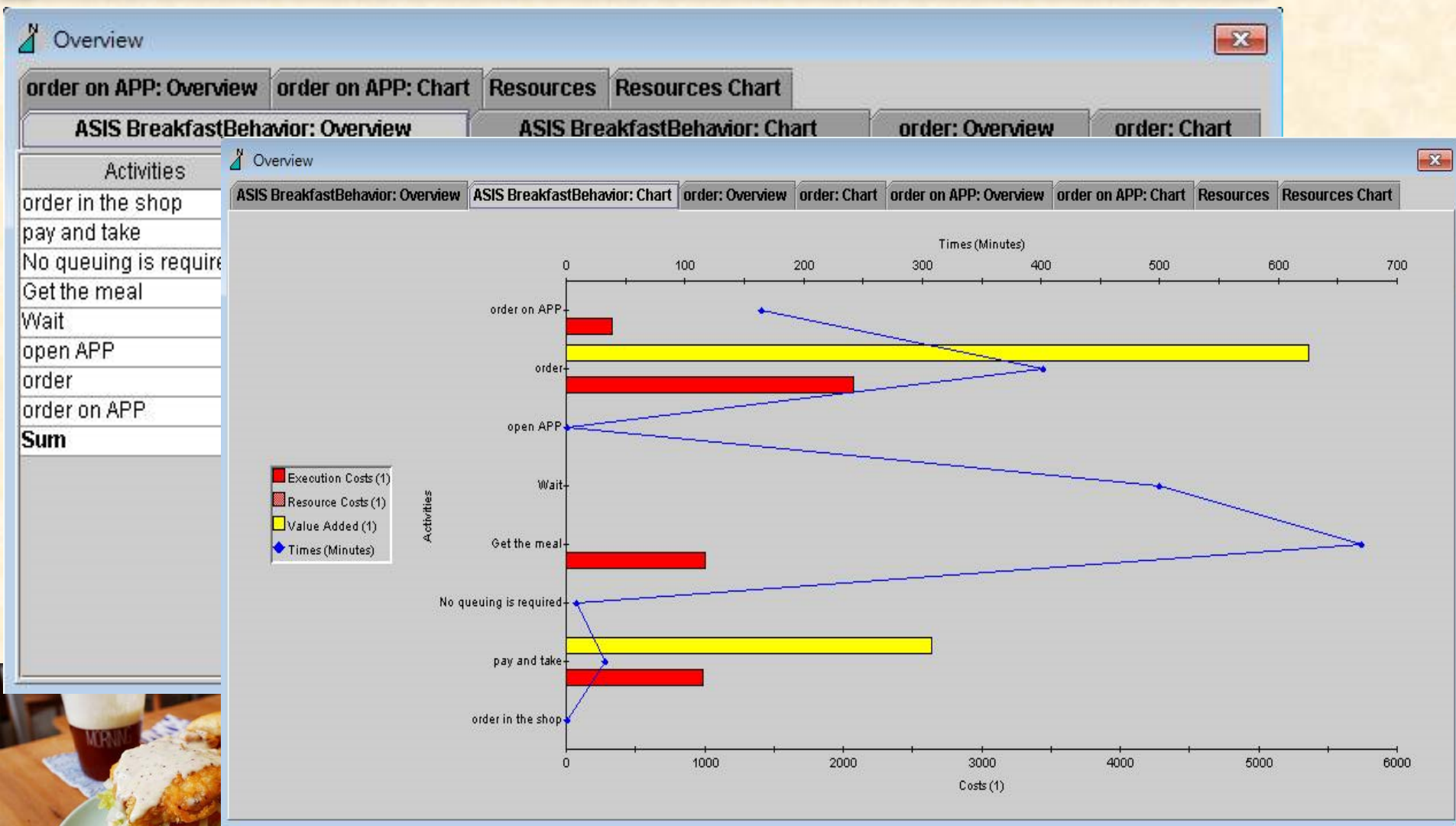
Organization model



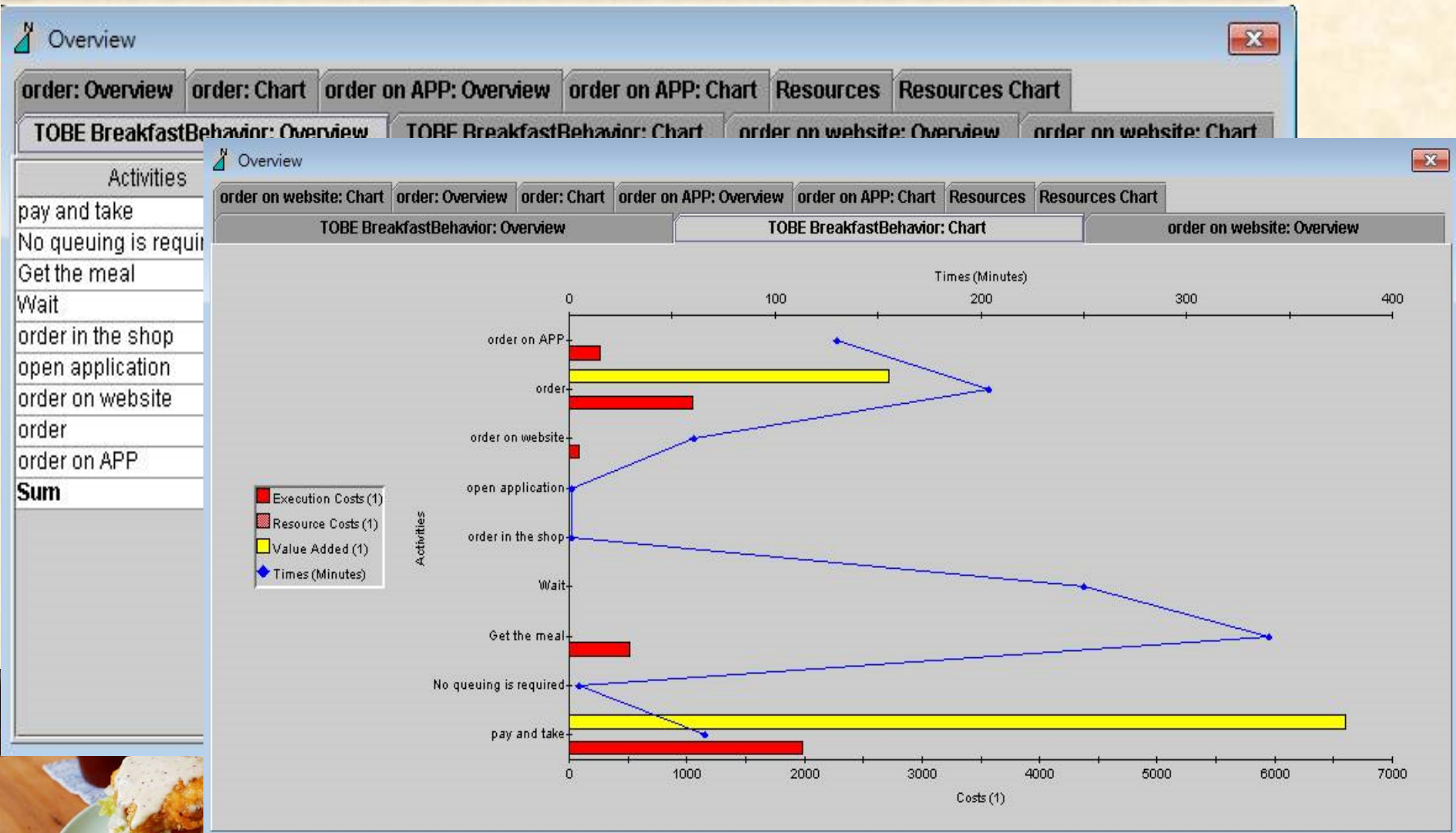
Object model



Simulation (As-Is)



Simulation (To-Be)



order on APP: Overview		order on APP: Chart		Resources		Resources Chart			
ASIS BreakfastBehavior: Overview			ASIS BreakfastBehavior: Chart			order: Overview		order: Chart	
Activities	Count	Execution Costs (1)	Resource Costs (1)	Value Added (1)	Times (Minutes)				
order in the shop	67	0	0	0	1.117				
pay and take	33	990	0	2,640	33				
No queuing is required	17	0	0	0	8.5				
Get the meal	67	1,005	0	0	670				
Wait	50	0	0	0	500				
open APP	33	0	0	0	1.1				
order	201	2,077	0	5,360	402				
order on APP	99	330	0	0	165				
Sum	567	4,402	0	8,000	1,780.717				

order: Overview		order: Chart		order on APP: Overview		order on APP: Chart		Resources		Resources Chart	
TOBE BreakfastBehavior: Overview			TOBE BreakfastBehavior: Chart			order on website: Overview			order on website: Chart		
Activities	Count	Execution Costs (1)	Resource Costs (1)	Value Added (1)	Times (Minutes)						
pay and take	66	1,980	0	6,600	66						
No queuing is required	9	0	0	0	4.5						
Get the meal	34	510	0	0	340						
Wait	25	0	0	0	250						
order in the shop	34	0	0	0	1.133						
open application	66	0	0	0	1.1						
order on website	120	80	0	0	60.667						
order	102	1,054	0	2,720	204						
order on APP	78	260	0	0	130						
Sum	534	3,884	0	9,320	1,057.4						



DEMO's Time

