Willy's Breakfast Shop

Group 6

Aaron 馮 元 105034532

Willy 黃騰賢 105034547

Ivy 藍玉潔 105034546

Jessie 吳語婕 105034553



Outline

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

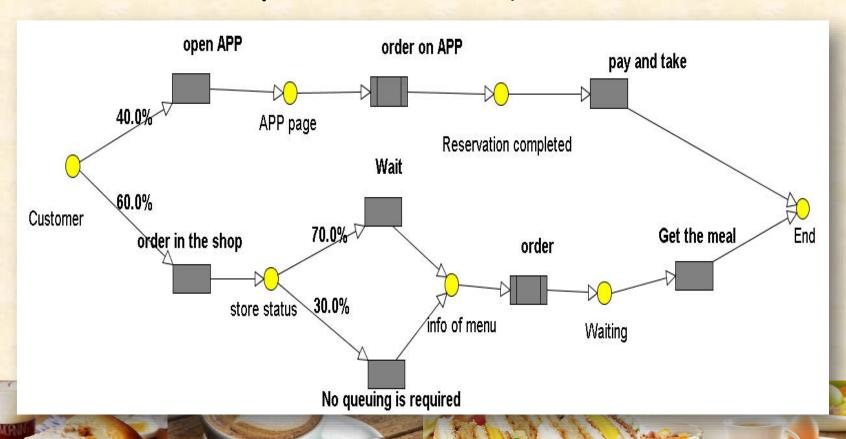


Outline



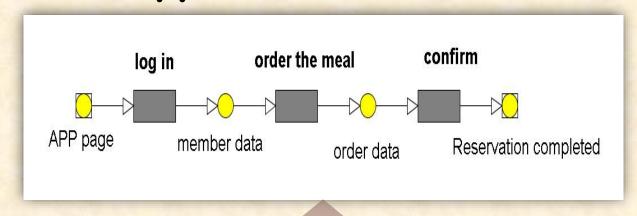
As-Is model

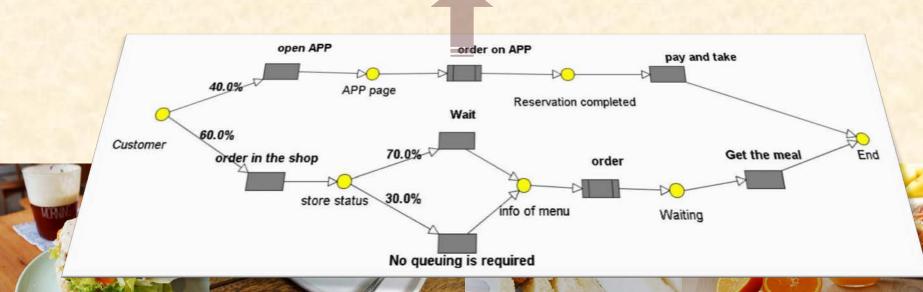
· Overview of our As-Is model



As-Is model drill down

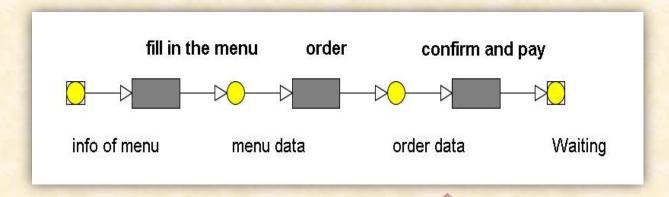
order on app drill down

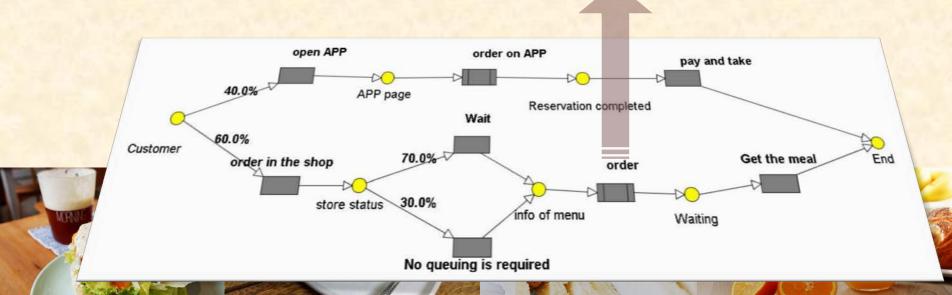




As-Is model drill down

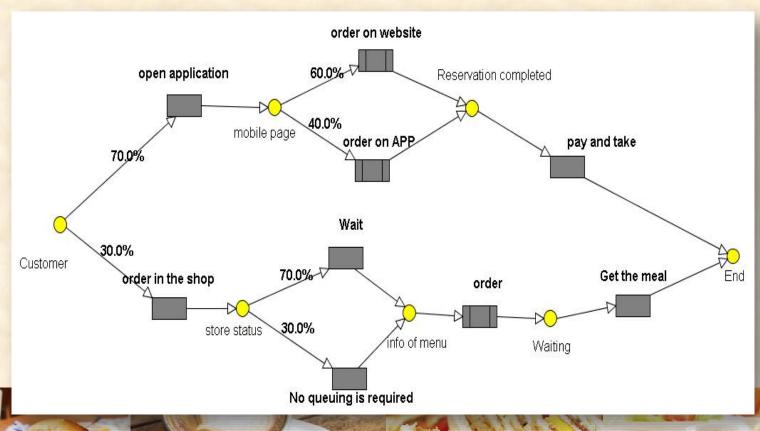
o order drill down





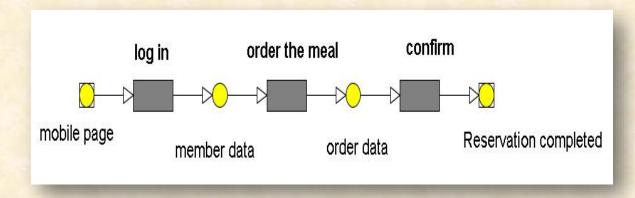
To-Be model

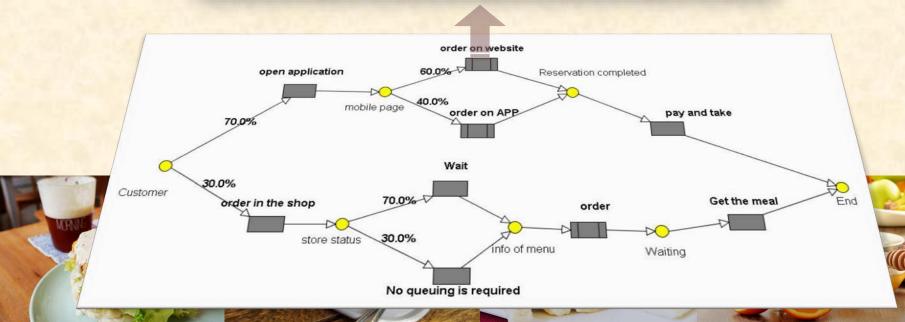
· Overview of our To-Be model



To-Be model drill down

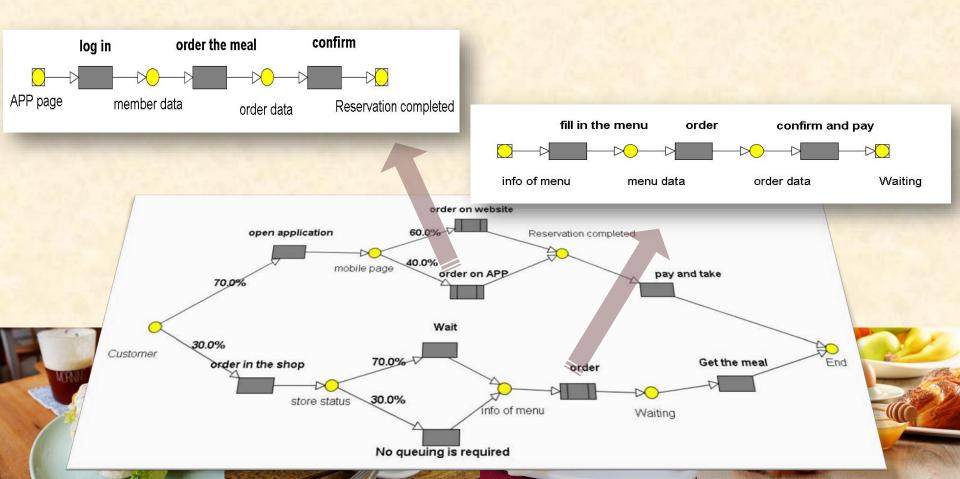
order on website drill down





To-Be model drill down

- order on APP drill down
- order drill down



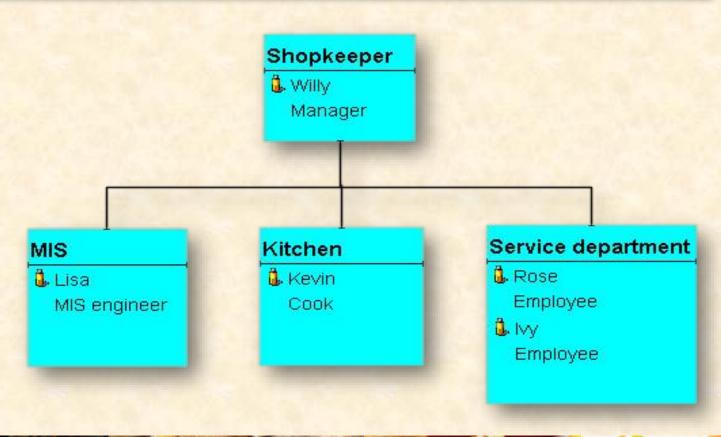
Parameters

Time, Cost and Value added Data

AS-IS Model								
Behavior	Avg. Time	Cost	Value added					
Open app	2(s)							
Order on app ✓ Log in ✓ Order the meal ✓ Confirm	1.5(min) 3.0(min) 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 ✓ Order ✓ Confirm and pay	3.0(min) 2.0(min) 1.0(min)	30	80					
Get the meal	10.0(min)	15						

TC	D-BE Model				
Behavior	Avg. Time	Cost	Value added		
Open application	0.5(s)				
Order on website ✓ Log in ✓ Order the meal ✓ confirm	1.0(min) 0.5(min) 0.01(min)	2			
Order on app ✓ Log in ✓ Order the meal ✓ Confirm	1.5(min) 3.0(min) 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 ✓ Order ✓ Confirm and pay	3.0(min) 2.0(min) 1.0(min)	30	80		
Get the meal	10.0(min)	15			

Organization model





Object model



product info Character string (150)
promottion Character string
product Group [1..10]

member data Aggregation

supplier

supplier name Character string (150)

supplier address Character string (500)

supplier ID Number

contact person Character string

empolyee Aggregation \Box -

product

product type Character string (200)

supplier Character string

order data Character string

customer Group [1..10]

supplier_2 Aggregation

member data

ID number Number

name Character string

phone number Number

address Character string (500)

empolyee

name Character string (100)

ID number Number
phone number Number (150)

gender Character string

customer

△name Character string

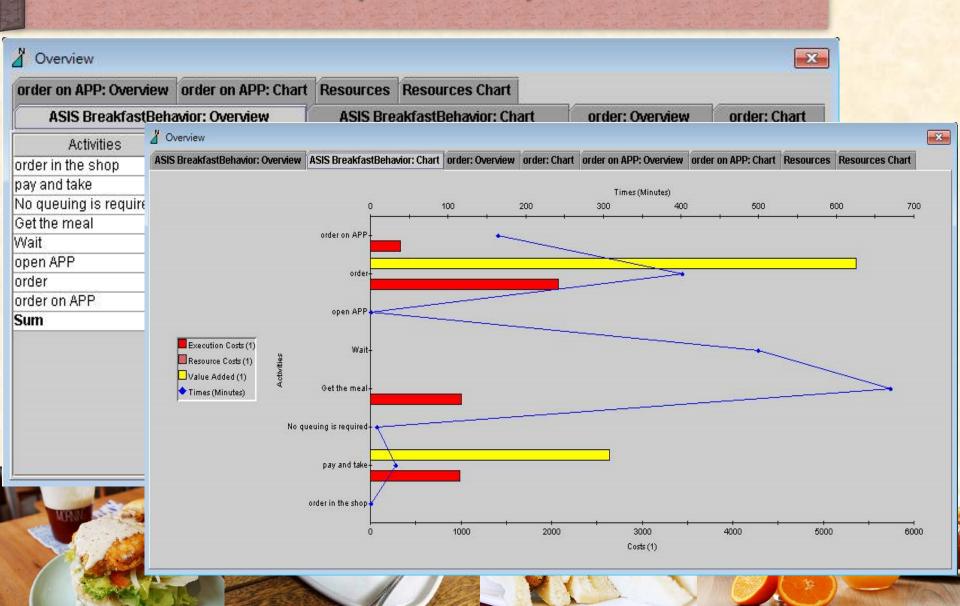
address Character string (300)

birthday Date

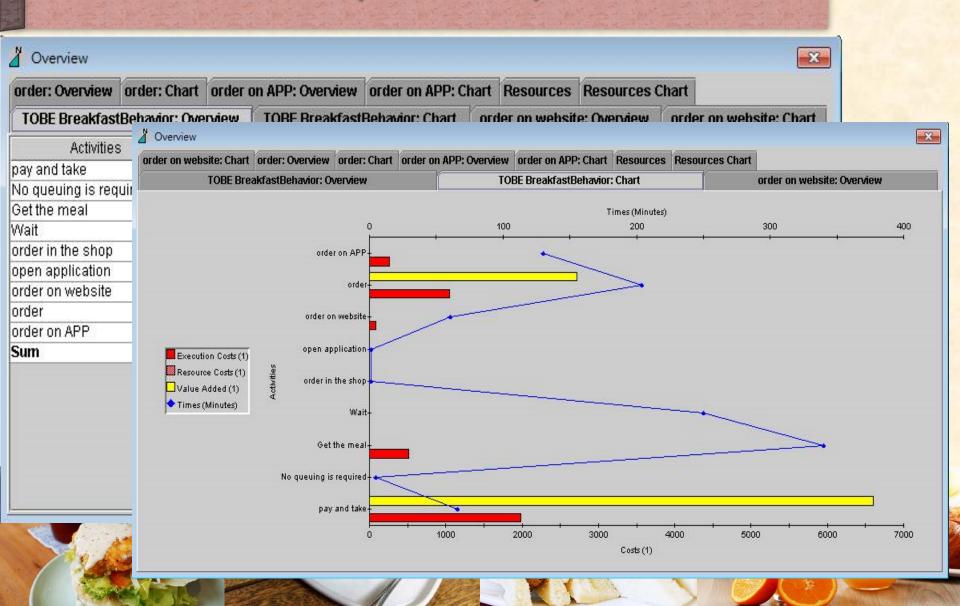
phone Number

ID number Number

Simulation (As-Is)



Simulation (To-Be)







order on APP: Overview	order on APP: 0	Chart Re	sources	Resources Chart					
ASIS BreakfastBehavior: Overview			ASIS Brea	kfastBehavior: Char	t	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	0	1.117		
pay and take	33	990		990		0	0	2,640	33
No queuing is required	17	0		0		0	8.5		
Get the meal	67	1,005		005 0		0	670		
Wait	50	0		0		0	500		
open APP	33	0		0 0		0	1.1		
order	201	2,077		2,077 0		5,360	402		
order on APP	99	330		330		0	165		
Sum	567		4,40	2	0	8,000	1,780.717		

Overview		100000000000000000000000000000000000000		70000000000	(0)	1/8/1		VIII III		×
order: Overview order: C	hart order or	n APP: Overview	orde	on APP: Ch	art	Reso	urces	Resources C	hart	
TOBE BreakfastBehavior: Overview		TOBE BreakfastBehavior: Chart		ior: Chart	order on website: Overview			e: Overview	order on website: Chart	
Activities	Count	Execution Costs (1) Resour		Resource C	e Costs (1) Value		Added (1)	Т	imes (Minutes)	
pay and take	66	100	1,980			0	6,600			
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		C		0			1.1
order on website	120		80		0		0			60.667
order	102	(0)	1,054		0		2,720			204
order on APP	78	8	260		0 0		0			
Sum	534		3,884			0		9,320		1,057.4



DEMO's Time

