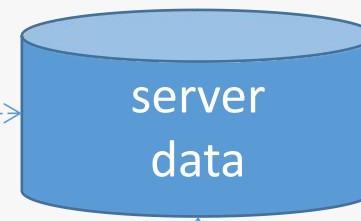
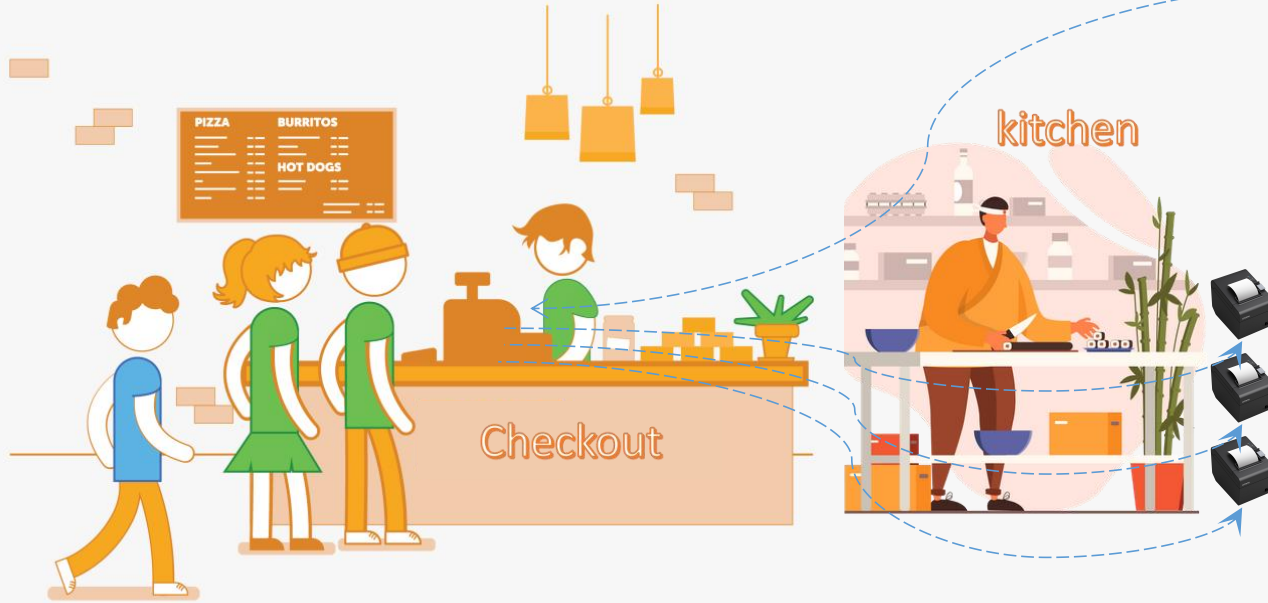


# Dining All-You-Can-Eat



Customer ordering food using a tablet

100 tablets app.apk

this is your hand and follow him



# Food Ordering

## ordering on app.apk (part 1)

\* Place an order on the app.apk:

- . app.apk within fixed table number.

*(the restaurant have 100 dining tables)*

- . option ☐ app.apk within a limited time

*(customers can place an order within two and a half hours on app.apk)*

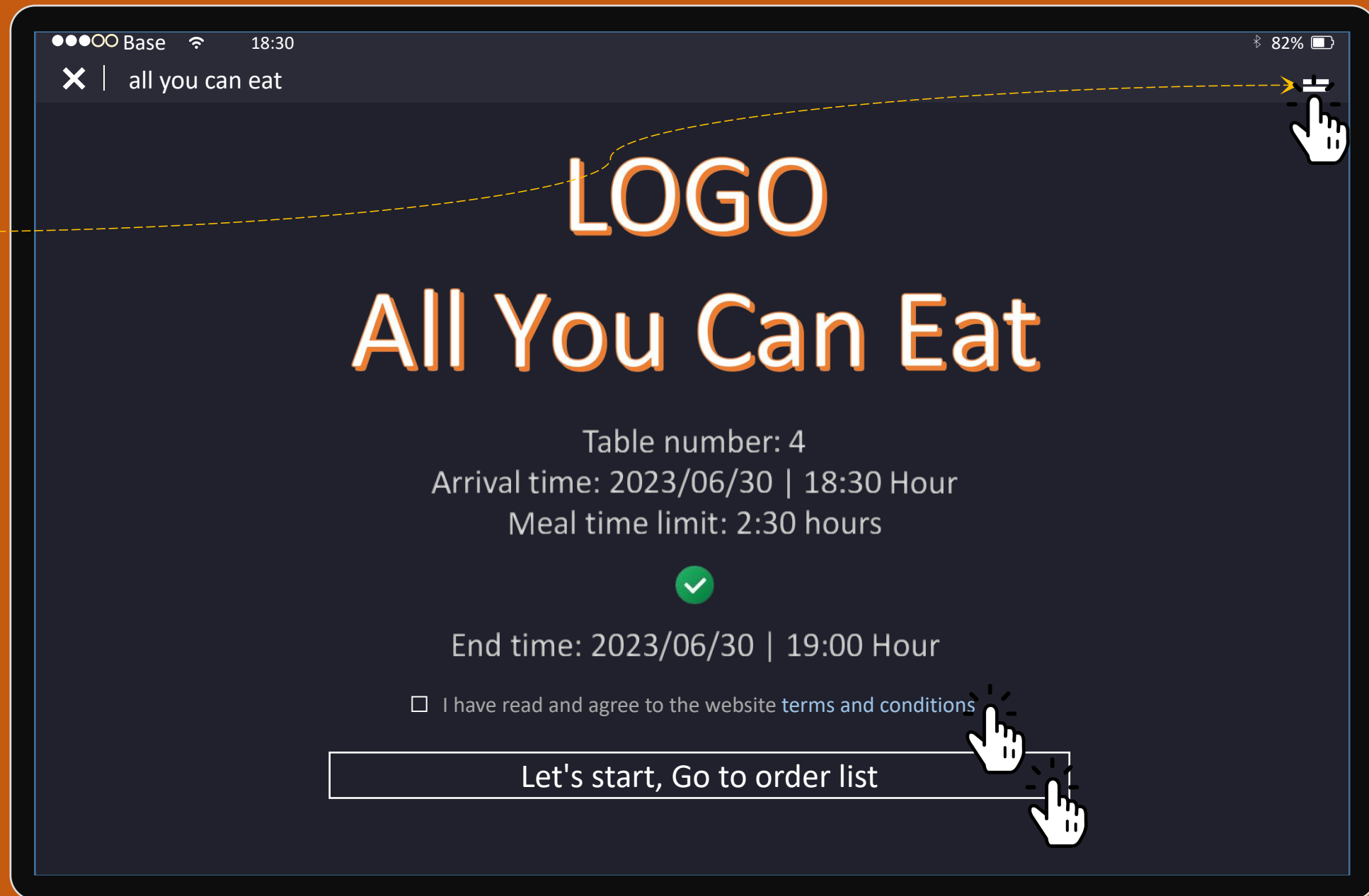
Create an app.apk for the tablets which will allow to order food from tablet and connect the app.apk using an api to desktop software. (Simultaneously connect 100 tablets or smartphones)

- As admin will be given option to assign each tablet a number.
- API is backend server, it can be both: locally hosted server on own network or an online server on cloud.

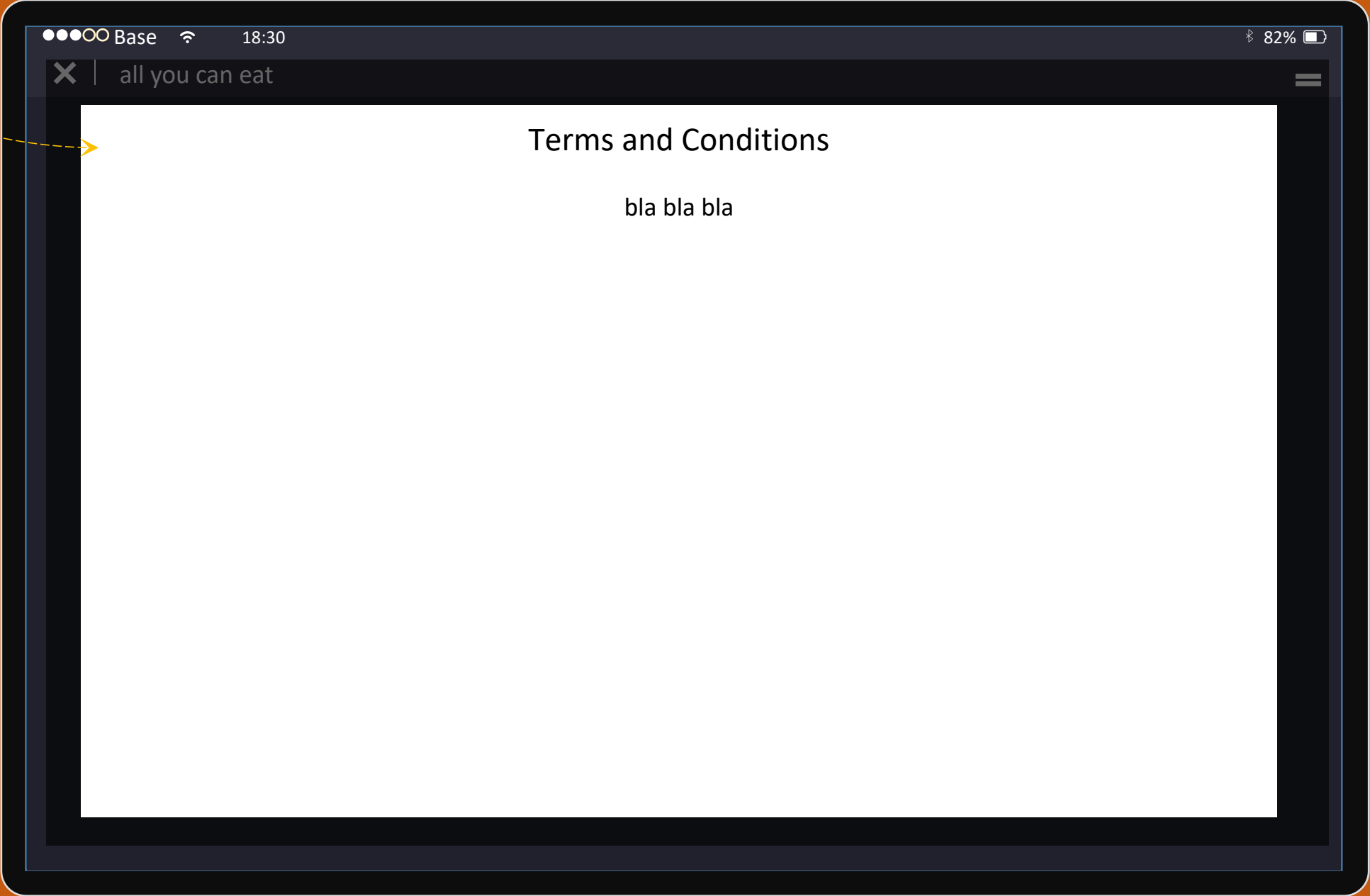
develop a hybrid system that can function both online and offline. This means that the system will continue to work even if the network connection is lost, and the orders will be sent to the kitchen as soon as the connection is restored.

navigation button =  
Home page  
How it works?  
VIP page  
Terms and Conditions page  
privacy policy page

Simultaneously  
connect 100 tablets



pop up



background: 2B2B38

background: F2F2F2

background: 20212C

slider slow

app.apk

Base 6:20 PM 82%

X | all you can eat

热销

米饭套餐

面条套餐

烧烤套餐

寿司套餐

披萨套餐

Noodle Soup + Shrimp

allergy:

+

Noodle Soup + Shrimp

allergy:

+

Noodle Soup + egg

allergy:

+

Noodle Soup + egg

allergy:

+

Pizza with tomato sauce

allergy:

+

Pizza with tomato sauce

allergy:

+

Pizza with tomato sauce

allergy:

+

Pizza with tomato sauce

allergy:

+

<<

>>

Today's Recommendations

Pizza with tomato sauce

allergy: xx xx xx

9.50 €

+

Pizza with tomato sauce

allergy: xx xx xx

9.50 €

+

VIP

Recharge 100, return 100, gift 100

100.00 €

+

<<

>>

Sutotal: 24.50

Go to checkout

all you can eat



热销



米饭套餐



面条套餐



烧烤套餐



寿司套餐



披萨套餐

## Shopping cart

PRODUCT	QUANTITY	PRICE	SUBTOTAL	REMOVE
Pizza Six Slice extra: cheese extra: mushroom	- 2 +	€0.00	€0.00	
Pizza with tomato sauce extra: cheese extra: mushroom	- 2 +	€0.00	€0.00	
Noodle Soup + Shrimp extra: egg extra: pork	- 2 +	€0.00	€0.00	
Pizza with tomato sauce extra: cheese extra: mushroom	- 2 +	€5.60	€11.20	

Subtotal  
11.20 €

Check out  
11.20 €

Table number: 4  
Order time: 17:20  
Order items: 8

Place an Order to kitchen



all you can eat



热销



米饭套餐



面条套餐



烧烤套餐



寿司套餐



披萨套餐

## Shopping cart

## Check out

### PRODUCT

Pizza Six Slice  
extra: cheese  
extra: mushroom

Pizza with tomato  
extra: cheese  
extra: mushroom

Noodle Soup + Shrimp - 2 + €0.00 €0.00  
extra: egg  
extra: pork

Pizza with tomato sauce - 2 + €5.60 €11.20  
extra: cheese  
extra: mushroom

Subtotal

11.20 €

Place an Order to kitchen



Ticket send successfully  
Be patient and your food will arrive soon

Enjoy your meal



admin set up

Arrival time: manually set time

or

Automatic add 10 minutes over the current time, because the staff need explain to the guest how it works

manually set limited minutes 2:30 (default)

view (computer software desktop)

table

7

150.00

table 4

the bill

7

150.00

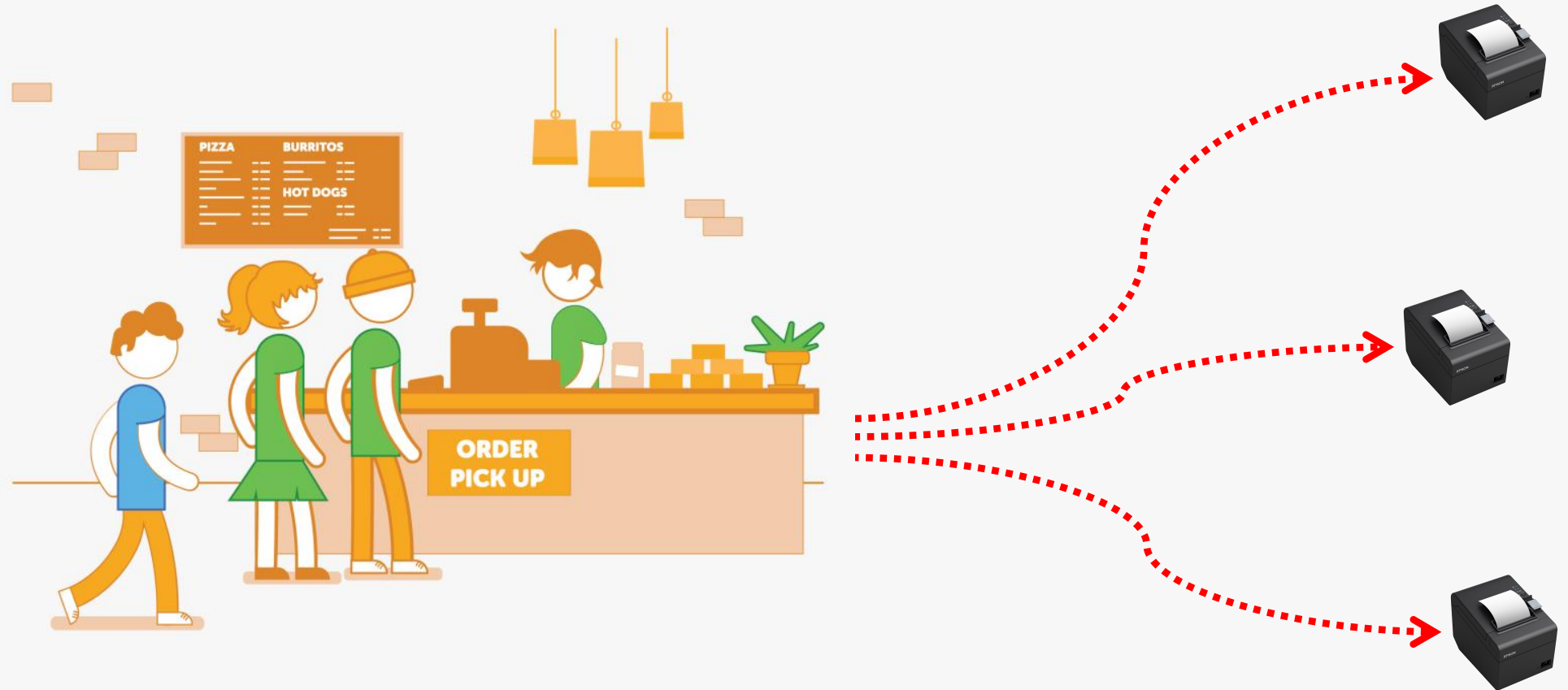






# What to do if the network is lost?

Can still input data from the computer and print it to the kitchen printer?

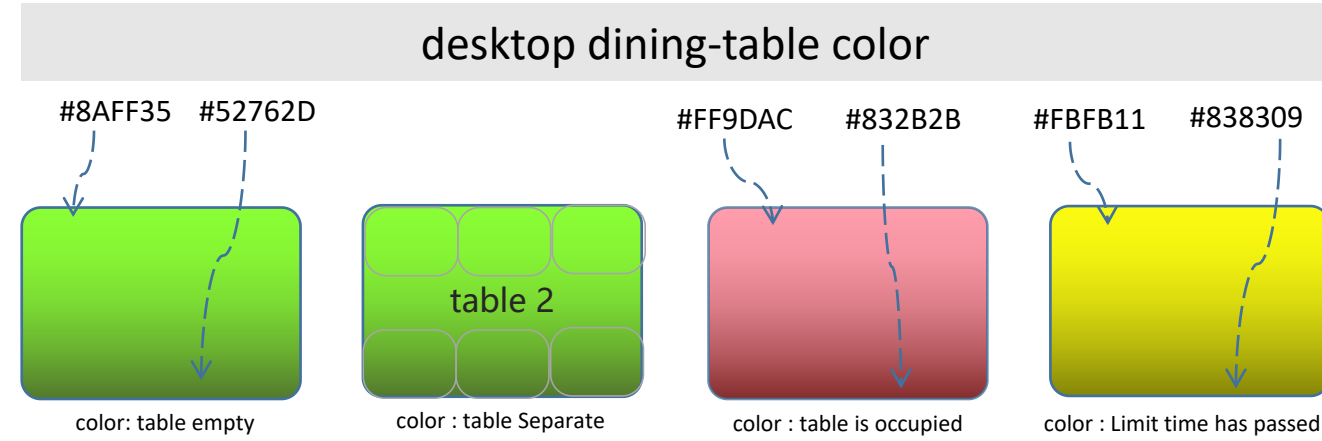
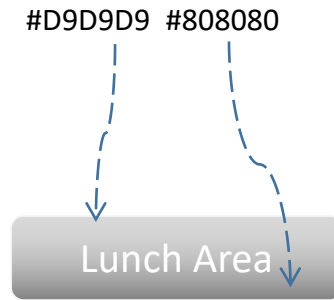


# Dining All-you-can-eat computer ordering (part 2)

Electron & ReactJS Node.js: Build Desktop

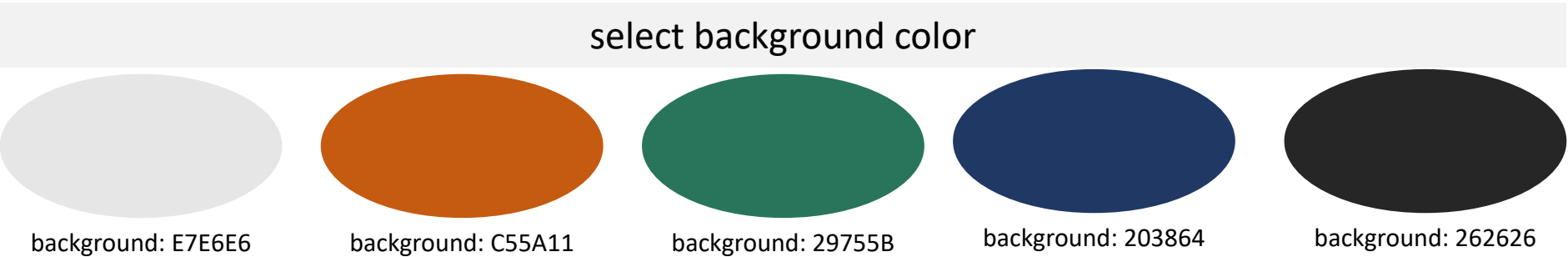
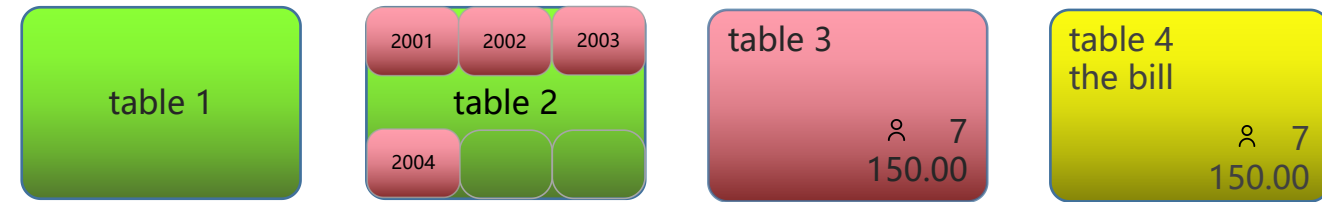
## **Create windows desktop software for restaurant**

- \* Windows Desktop software (Sync to cloud)  
stable and safe, no worries about network disconnection. (Data can be added without internet)
- \* Switch language: English and Chinese



## Dinner computer ordering (section):

- Transfer dining-table
- Cancel dining-table
- Combine dining-table
- Separate dining-table





Enter table number

Transfer

Cancel

Separate

Combine

- All Area
- Lunch Area
- Blue Area
- Green Area
- Orange Area
- VIP Area
- Wedding Area
- BBQ Area

table 1	<div>2001</div> <div>table 2</div> <div>2002</div> <div>2003</div> <div>2004</div>	table 3 8 7 150.00	table 4 the bill 8 7 150.00	table 5	table 6	table 7
table 8	table 9	table 10	table 11	table 12	<div>+</div> <div></div>	



open a new dining-table





Enter table number

Scan table barcode



Transfer



Cancel



Separate



Combine

All Area

Lunch Area

Blue Area

Green Area

Orange Area

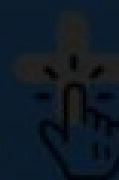
VIP Area

Wedding Area

BBQ Area

table  
1Table12  
1Table8  
1Table9  
1Table10  
1Table11  
1Table10  
1

ty

1  
0.00

Open dining-table time: 2023/06/30 | 18:30 Hour

Table number: 3

How many people: 7

Limit time 2:30 hour

End time: 2023/06/30 | 19:00 Hour



Yes, open new dining table, Go to product list



Enter time manually  
Here staff can manually extend it by 10 minutes, because staff go to customer explain how it works



Enter product number

update

PRODUCT	QUANTITY	PRICE	SUBTOTAL	REMOVE
Pizza Six Slice extra: cheese extra: mushroom	- 2 +	€0.00	€00.00	
Pizza with tomato sauce extra: cheese extra: mushroom	- 2 +	€0.00	€0.00	
Noodle Soup + Shrimp extra: egg extra: pork	- 2 +	€0.00	€0.00	
Pizza with tomato sauce extra: cheese extra: mushroom	- 2 +	€10.50	€21.00	

clear items

Not Print

Print



Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

Product Name

- Category 001
- Category 002
- Category 003
- Category 004
- Category 005
- Category 006
- Category 007
- Category 008
- Category 009
- Category 010
- Category 011
- Category 012
- Category 013
- Category 014
- Category 015

next

Product Name

Product Name

Product Name

No Ticket









Enter table number

 Transfer

 Cancel

 Separate

 Combine

- All Area
- Lunch Area
- Blue Area
- Green Area
- Orange Area
- VIP Area
- Wedding Area
- BBQ Area

table 1	<div>200120022003</div> <div>table 2</div> <div>2004</div>	<div>table 3</div> <div>87</div> <div>150.00</div>	<div>table 4</div> <div>the bill</div> <div>87</div> <div>150.00</div>	table 5	table 6	table 7
table 8	table 9	table 10	table 11	table 12	+	





Enter table number

update







 Transfer

 Cancel

 Separate

 Combine

shopping cart, Checklist, table number: 3 | people: 7

PRODUCT	QUANTITY	PRICE	SUBTOTAL	REMOVE
Adults 29.50 per persons	- 3 +	€29.50	€88.50	
Children under the age of six: 9.50 per persons	- 2 +	€9.50	€19.00	
Elderly over the age of sixty: 20.50 per persons	- 2 +	€20.50	€41.00	
Today's Chef Recommendations	- 2 +	€10.00	€20.00	
Pizza with tomato sauce extra: cheese extra: mushroom	- 2 +	€5.60	€11.20	
Pizza Six Slice extra: cheese extra: mushroom	- 2 +	€0.00	€0.00	

Subtotal  
179.70 €

update

Filter and Checkout



add more products, Go to product list





Enter table number

## shopping cart, Checklist, ta

PRODUCT

Adults 29.50 per persons

Children under the age of six: 9.50 per persons

Elderly over the age of sixty: 20.50 per persons

Today's Chef Recommendations

Pizza with tomato sauce  
extra: cheese  
extra: mushroomPizza Six Slice  
extra: cheese  
extra: mushroomSubtotal  
179.70 €

Filter and Checko

## Order list, table number: 3 | people: 7

PRODUCT	QUANTITY	PRICE	SUBTOTAL	REMOVE
Adults 29.50 per persons	- 3 +	€29.50	€88.50	
Children under the age of six: 9.50 per persons	- 2 +	€9.50	€19.00	
Elderly over the age of sixty: 20.50 per persons	- 2 +	€20.50	€41.00	
Today's Chef Recommendations	- 2 +	€10.00	€20.00	
Pizza with tomato sauce extra: cheese extra: mushroom	- 2 +	€5.60	€11.20	

update

Subtotal  
179.70 €

Yes, Checkout and print the bill



Separate

Combine



PRICE	SUBTOTAL	REMOVE
29.50	€88.50	
9.50	€19.00	
20.50	€41.00	
10.00	€20.00	
5.60	€11.20	
0.00	€0.00	

update

Go to product list





Qty	Products	Total
1	Pizza six slice 1173 披萨 - 切六片	
1	Noodle Soup + Shrimp 1176 面条汤 + 大虾 Dropdown: Option (+€1.50) Radio: Option (+€2.50) Checkbox: Option (+€2.50)	
1	Pizza with tomato sauce 1174 披萨 - 番茄酱	
1	Noodle Soup + egg 1178 面条汤 + 鸡蛋 Dropdown: Option (+€1.50) Radio: Option (+€0.00) Checkbox: Option (+€2.50)	
1	Ginger-Scallion Lemon Poached Chicken 1182 姜葱柠檬水煮鸡	
Articles:		5

**Additional Information:**  
你好, 这里通知 过敏: 花生酱, 蚝油, 味精

computer software features:  
Print: English and Chinese

- \* **Print automatically**
- \* **Print:** order print without price
  - \* option: print drinks category (1.com) --> (drinks printer A)
  - \* option: print appetizer category (2.com) --> (kitchen printer B)
  - \* option: print fish category (3.com) --> (kitchen printer C)
  - \* option: print meat category (4.com) --> (kitchen printer D)

- \* Daily checkout management
  - \* option: print daily checkout: format paper size 80mm
  - \* option: print Week checkout: format paper size 80mm
  - \* option: print month checkout: format paper size 80mm
    - print (date / month / year) cash and bank payments
- \* option: Print layout size 80mm on A4 paper

appetizer category (2.com) --> (kitchen printer B)  
without price

29/06/2023 11:57:53

Table No: 3

Order No:9198

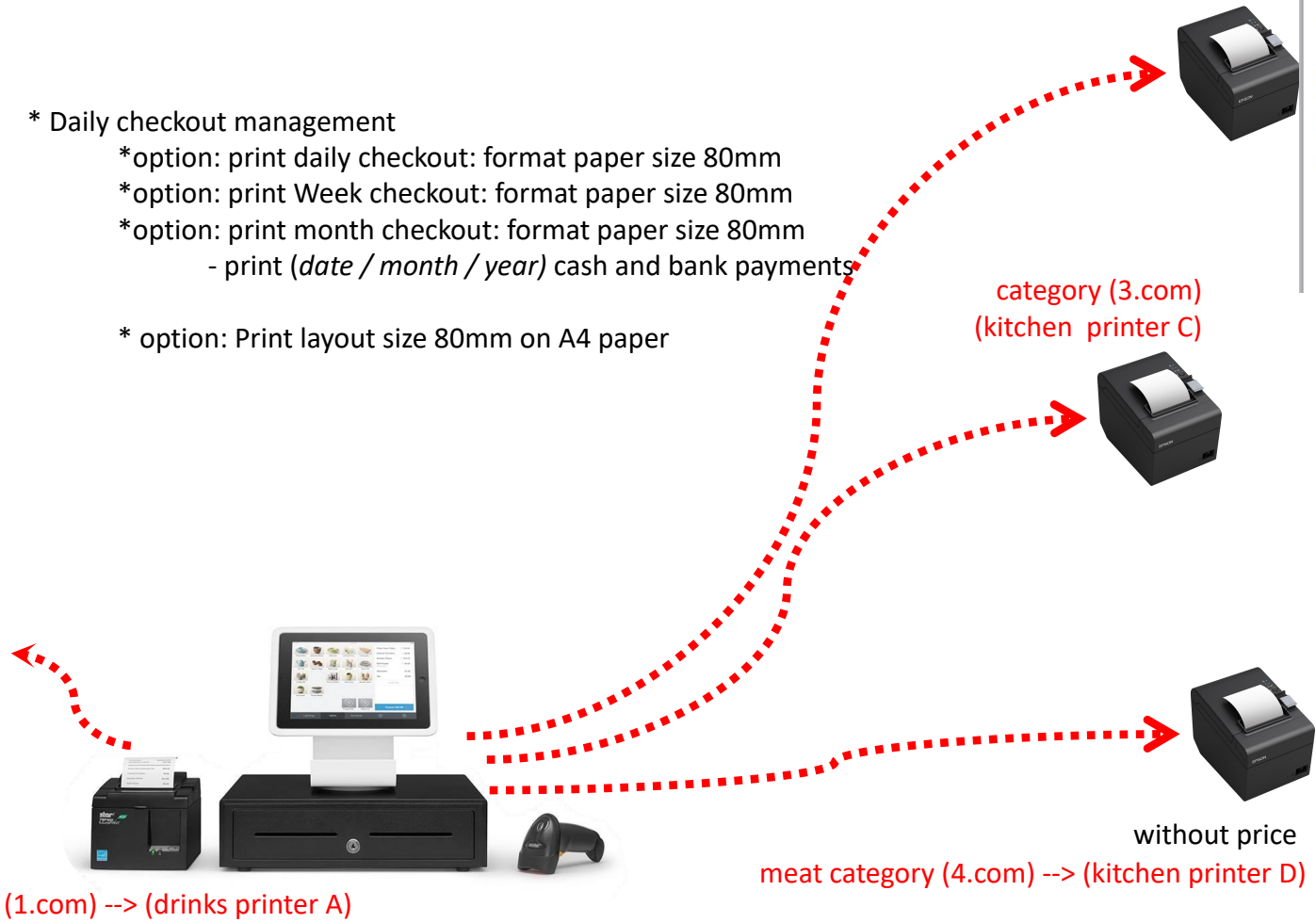
Qty	Products	Total
1	Pizza six slice 1173 披萨 - 切六片	

29/06/2023 11:57:53

Table No: 3

Order No:9198

Qty	Products	Total
1	Noodle Soup + Shrimp 1176 面条汤 + 大虾 Dropdown: Option (+€1.50) Radio: Option (+€2.50) Checkbox: Option (+€2.50)	



Automatically print to the drinks bar

- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category

print all drinks on one sheet -->  
printer 1  
print without price



TM-T20III Series Driver

<https://www.freeprinterdriverdownload.org/epson-tm-t20iii-driver-download/>

DOWNLOAD

install software



example drinks ticket  
print all drinks on one sheet

29/06/2023 11:57:53		
Table No: 3		
Order No:9198		
Qty	Products	Total
1	Pizza six slice 1173 披萨 - 切六片	
1	Noodle Soup + Shrimp 1176 面条汤 + 大虾 Dropdown: Option (+€1.50) Radio: Option (+€2.50) Checkbox: Option (+€2.50)	
1	Pizza with tomato sauce 1174 披萨 - 番茄酱	
1	Noodle Soup + egg 1178 面条汤 + 鸡蛋 Dropdown: Option (+€1.50) Radio: Option (+€0.00) Checkbox: Option (+€2.50)	
1	Ginger-Scallion Lemon Poached Chicken 1182 姜葱柠檬水煮鸡	
Articles:		5
Additional Information: 你好, 这里通知 过敏: 花生酱, 蚝油, 味精		

Printers

Printer 1 (Report Printer)

Printer 2 (Receipt Printer)

Printer Description: Receipt Printer Disable? No

Print To File? No Test

Windows 7 Printer Name: EPSON TM-T20 Receipt

Printer Type: Thermal Receipt Printer Printer Language: Standard

Printer Model: Epson Compatible Pause Between Copies? No

Printer Control Strings:

Setup String: <ESC>!<0>

Final String: <29>VB<0>



<https://certek.com/kb4/knowledge-base/epson-tm-t20-printer-setup-windows/>



Automatically print to the kitchen

- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category

print separate per product -->  
printer 2  
print without price



TM-T20III Series Driver

<https://www.freeprinterdriverdownload.org/epson-tm-t20iii-driver-download/>

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example food ticket  
print one bij one

29/06/2023 11:57:53  
Table No: 3  
Order No:9198

Qty	Products	Total
1	Pizza six slice 1173 披萨 - 切六片	

29/06/2023 11:57:53  
Table No: 3  
Order No:9198

Qty	Products	Total
1	Noodle Soup + Shrimp 1176 面条汤 + 大虾 Dropdown: Option (+€1.50) Radio: Option (+€2.50) Checkbox: Option (+€2.50)	

29/06/2023 11:57:53  
Table No: 3  
Order No:9198

Qty	Products	Total
1	Noodle Soup + egg 1178 面条汤 + 鸡蛋 Dropdown: Option (+€1.50) Radio: Option (+€0.00) Checkbox: Option (+€2.50)	

Printers

Printer 1 (Report Printer)

Printer 2 (Receipt Printer)

Printer Description: Receipt Printer Disable? No

Print To File? No Test

Windows 7 Printer Name: EPSON TM-T20 Receipt

Printer Type: Thermal Receipt Printer Printer Language: Standard

Printer Model: Epson Compatible Pause Between Copies? No

Printer Control Strings:

Setup String: <ESC>!<0>

Final String: <29>VB<0>



<https://certek.com/kb4/knowledge-base/epson-tm-t20-printer-setup-windows/>



Automatically print to the drinks bar

print all drinks on one sheet -->  
printer 1  
print without price

Automatically print to the kitchen

print separate per product -->  
printer 2  
print without price

- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category

print separate per product -->  
printer 3  
print without price

- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category
- ☐ Category

print separate per product -->  
printer 4  
print without price



# TM-T20III Series Driver

<https://www.freeprinterdriverdownload.org/epson-tm-t20iii-driver-download/>

DOWNLOAD

install software

Printers

Printer 1 (Report Printer)

Printer 2 (Receipt Printer)

Printer Description: Receipt Printer Disable? No

Print To File? No Test

Windows 7 Printer Name: EPSON TM-T20 Receipt

Printer Type: Thermal Receipt Printer Printer Language: Standard

Printer Model: Epson Compatible Pause Between Copies? No

Printer Control Strings:

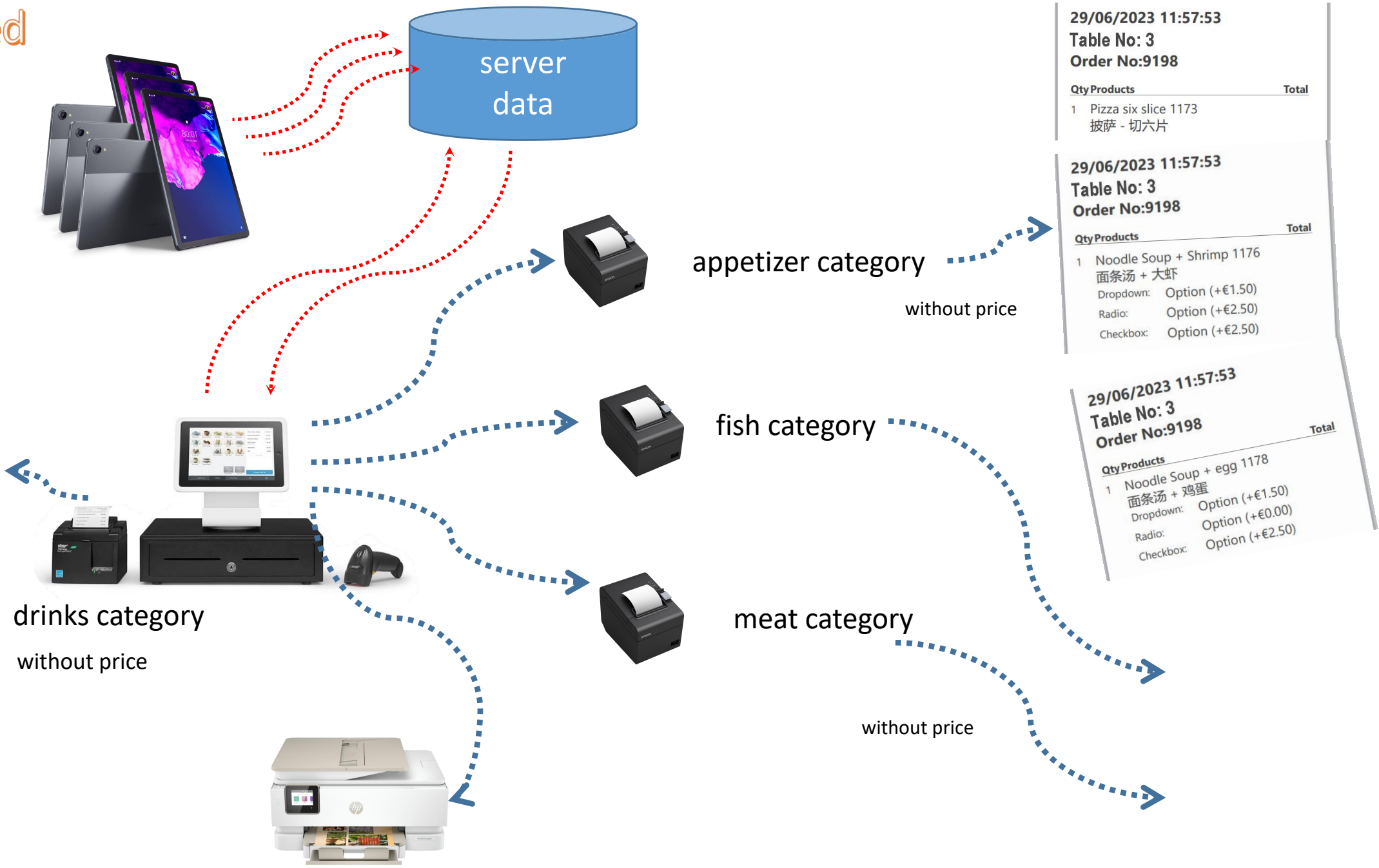
Setup String: <ESC>!<0>

Final String: <29>VB<0>



<https://certek.com/kb4/knowledge-base/epson-tm-t20-printer-setup-windows/>

Fully Finished



29/06/2023 11:57:53  
Table No: 3  
Order No:9198

Qty	Products	Total
1	Pizza six slice 1173 披萨 - 切六片	

29/06/2023 11:57:53  
Table No: 3  
Order No:9198

Qty	Products	Total
1	Noodle Soup + Shrimp 1176 面条汤 + 大虾 Dropdown: Option (+€1.50) Radio: Option (+€2.50) Checkbox: Option (+€2.50)	

29/06/2023 11:57:53  
Table No: 3  
Order No:9198

Qty	Products	Total
1	Noodle Soup + egg 1178 面条汤 + 鸡蛋 Dropdown: Option (+€1.50) Radio: Option (+€0.00) Checkbox: Option (+€2.50)	

29/06/2023 11:57:53  
Table No: 3  
Order No:9198

Qty	Products	Total
1	Pizza six slice 1173 披萨 - 切六片	
1	Noodle Soup + Shrimp 1176 面条汤 + 大虾 Dropdown: Option (+€1.50) Radio: Option (+€2.50) Checkbox: Option (+€2.50)	
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1	Noodle Soup + egg 1178 面条汤 + 鸡蛋 Dropdown: Option (+€1.50) Radio: Option (+€0.00) Checkbox: Option (+€2.50)	
1	Ginger-Scallion Lemon Poached Chicken 1182 姜葱柠檬水煮鸡	
Articles:		5
Additional Information: 你好, 这里通知 过敏: 花生酱, 蚝油, 味精		