

Anita Coffee Shop System

Test Specification Document Control

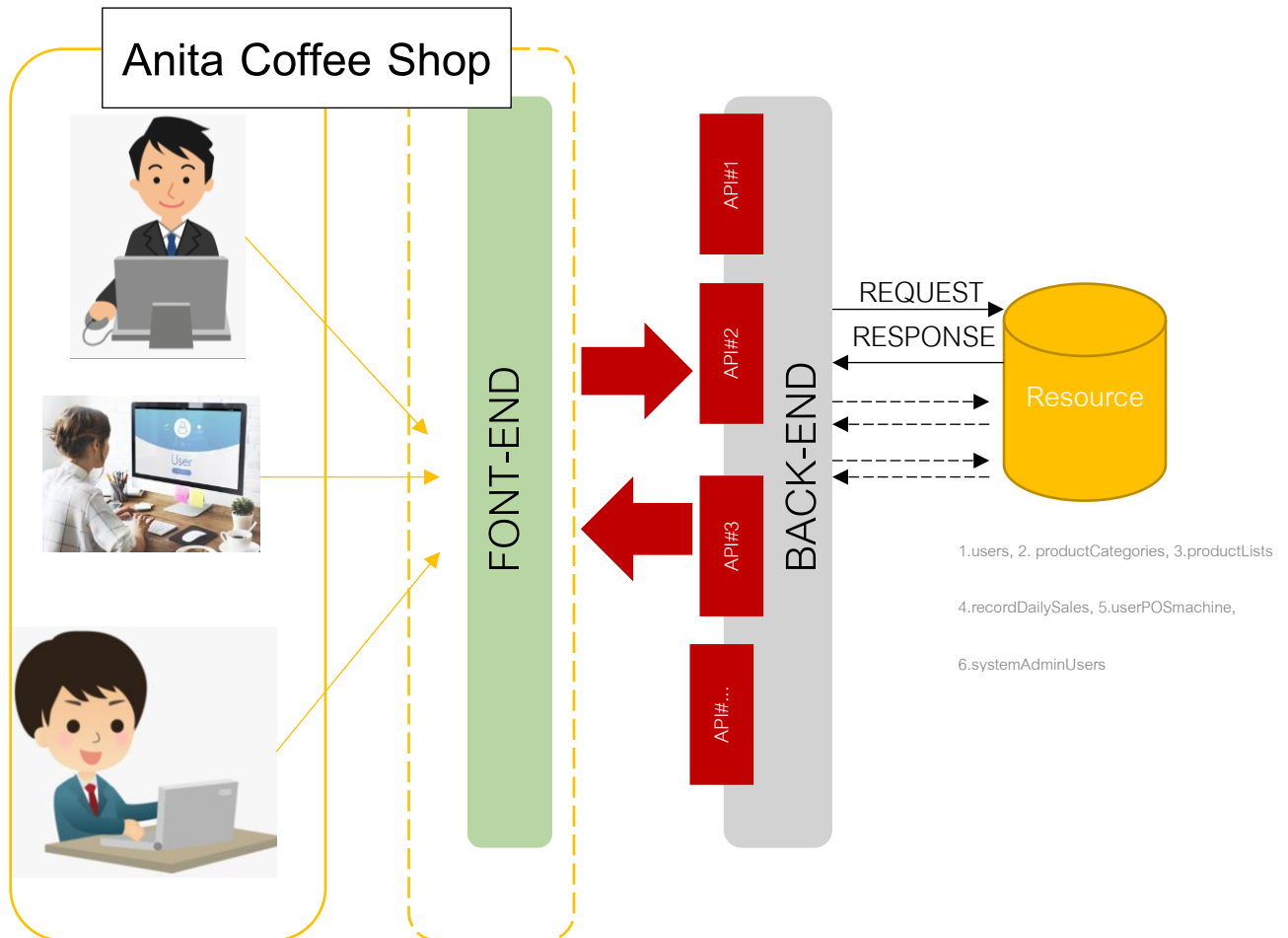
Version 1.0

Document Control

No.	Version	Description	Publisher	Remark
1.	1.0	-Originate resource document for all resources (Total 6 Resources): 1.users 2. productCategories 3.productLists 4.recordDailySales 5.userPOSRecord 6.systemAdminUsers	Thanitta T.	Each resource refers to the first launch confirmed by users agreement

Section#1-Test Specification Background:

1.1 System Overview



1.2 Type of parameter resource

“O” denoted “Optional”, parameter for JSON value can be NULL

“M” denoted “Mandatory”, parameter for JSON value NOT NULL

1.3 Test Environment:

<http://localhost:3000>

*Remark: Test environment setup can see in separate document

Section#2-Test Specification Resource:

2.1 Resource: **USERS**

➤ Sync./Async. URL: <http://localhost:3000/users>

Resource Name	Value Type (O/M)	Parameter Name	Data Type/Length	Description	Remark
users	O/M	-	-	Employment record	
	M	firstName	varchar(50)	Firstname of employee	Anderson
	M	lastName	varchar(50)	Lastname of employee	Liew
	M	Position	varchar(30)	Position name	Branch Manager, Cashier,,etc
	M	EmployeeID	varchar(6)	Employee Identity no. with format abbreviation below: 2alphabets-number3digits <ul style="list-style-type: none">■ MA:Manager-Level■ CA: Cashier■ CO: Cooking■ BA: Barista and Tea Maker	MA-001, CA-001, CO-001, BA-001
	M	DOB	Date()	Date of Birth: dd-mm-yyyy	01-01-1989
	M	id	int(3)	System Identity number	1,20,300
	O	DOR	Date()	Date of Registered: dd-mm-yyyy	01-01-1989

➤ Example JSON script:

HTTP Method: POST <http://localhost:3000/users>

```
{
  "firstName": "Anderson",
  "lastName": "Liew",
  "Position": "Branch Manager",
  "EmployeeID": "MA-001",
  "DOB": "01-01-1989",
  "id": 1
}
```

2.2 Resource: **PRODUCT CATEGORIES**

➤ Sync./Async. URL: <http://localhost:3000/productCategories>

Resource Name	Value Type (O/M)	Parameter Name	Data Type/Lengt h	Description	Remark
productCategories	O/M	-	-	Category stock for food ingredient before marinate	
	M	productID	varchar(4)	Category identity number	P-02
	M	groupProductName	varchar(50)	Category name	Snack

➤ Example JSON script:

HTTP Method: POST <http://localhost:3000/productCategories>

```
{
  "productID": "P-01",
  "groupProductName": "Beverage"
},
{
  "productID": "P-02",
  "groupProductName": "Snack"
},
{
  "productID": "P-03",
  "groupProductName": "CoffeeBean"
},
{
  "productID": "P-04",
  "groupProductName": "Bread"
}
```

2.3 Resource: **PRODUCT LISTS**

➤ Sync./Async. URL: <http://localhost:3000/productLists>

Resource Name	Value Type (O/M)	Parameter Name		Data Type/Length	Description	Remark
productLists	O/M	-		-	Product lists that display on shop menu	
	M	productID		varchar(4)	Refer field "productid" in <i>productCategories</i> resource	
	M	groupName		varchar(50)	Category name	
	M/O	groupList		-	Describe available menu	
	M		menuName	varchar(100)	Menu available in each food category	
	M		Quantity-in-stock	INT(3)	Stock availability per day	
	O		DOC	Date()	Date-of-Checking	

➤ Example JSON script:

HTTP Method: POST <http://localhost:3000/productLists>

```
{
  "productID": "P-05",
  "groupName": "CleanFood",
  "groupList": [
    {
      "EggYork": 100,
      "ChiekenBreast": 200,
      "TunaSalad": 20,
      "AvocadoSalad": 20,
      "MushroomSalad": 20
    }
  ]
}
```


2.4 Resource: RECORD DAILY SALES

➤ Sync./Async. URL: <http://localhost:3000/recordDailySales>

Resource Name	Value Type (O/M)	Parameter Name	Data Type/Length	Description	Remark
recordDailySales	O/M	-	-	Product lists that display on shop menu	
	M	id	varchar(4)	Record number	recordSale#001
	M	DOS	Date()	Sale Date following format: <i>yyyy-mm-dd first3digits of weekday</i> 2022-04-19 WED	
	M	SalesAgentInfo	-	Employee who use POS once customer paid bill	
	M	userPOSid	varchar(7)	Refer field "userPOSid" in <i>usernamePOS</i> resource	
	M	AgentPOSName	varchar(50)	Refer field "firstName" in users resource	
	M	recordQuantity	INT(3)	Sale record(s) per day	1,50,300

➤ Example JSON script:

HTTP Method: POST <http://localhost:3000/recordDailySales>

```
[
{
  "id": "recordSale#001",
  "DOS": "2022-04-19 WED",
  "SalesAgentInfo": [
    {
      "userPOSid": "POS-001",
      "AgentPOSName": "Anderson",
      "recordQuantity": 50
    },
    {
      "userPOSid": "POS-002",
      "AgentPOSName": "Ethan",
      "recordQuantity": 150
    },
    {
      "userPOSid": "POS-003",
      "AgentPOSName": "Alizabeth",
      "recordQuantity": 50
    }
  ]
}
]
```

2.5 Resource: USERNAME POS

➤ Sync./Async. URL: <http://localhost:3000/usernamePOS>

Resource Name	Value Type (O/M)	Parameter Name	Data Type/Length	Description	Remark
usernamePOS	O/M	-	-	Category stock for food ingredient before marinate	
	M	userPOSid	varchar(7)	POS account identity number	POS-001
	M	userLevel	varchar(30)	Description of employee-level	Manager, Cashier#1, Cashier#2

➤ Example JSON script:

HTTP Method: POST <http://localhost:3000/usernamePOS>

```
{
  "userPOSid": "POS-001",
  "userLevel": "Manager"
},
{
  "userPOSid": "POS-002",
  "userLevel": "Cashier#1"
},
{
  "userPOSid": "POS-003",
  "userLevel": "Cashier#2"
}
```

2.6 Resource: SYSTEMADMINUSERS

➤ Sync./Async. URL: <http://localhost:3000/systemAdminUsers>

Resource Name	Value Type (O/M)	Parameter Name	Data Type/Lengt h	Description	Remark
systemAdminUsers	O/M	-	-	Category stock for food ingredient before marinate	
	M	sysAdminID	varchar(7)	Administrator identity number that define into 2 types: "SuperAdmin" and "Admin" -SuperAdmin able to configure whole system -Admin get partial access permission by SuperAdmin	SuperAdmin#1, Admin#1
	M	username	varchar(30)	username	Manager, Cashier#1, Cashier#2
	M	password	varchar(14)	Default password	SuperAdmin_001 Admin_001

➤ Example JSON script:

HTTP Method: POST <http://localhost:3000/systemAdminUsers>

```
[
  {
    "sysAdminID": 1,
    "username": "SuperAdmin#1",
    "password": "SuperAdmin_001"
  },
  {
    "sysAdminID": 2,
    "username": "Admin#1",
    "password": "Admin_001"
  },
  {
    "sysAdminID": 3,
    "username": "Admin#2",
    "password": "Admin_002"
  }
]
```