



# Food\_Lab

Team X

**Team Member :**

- 1 Cherry Phoo Phoo Khaing
- 2 Zaw Phyoe Aung
- 3 Min Khant
- 4 Zayyar Htet
- 5 Aung Min Khant
- 6 Zarni Win Lwin

Create Date  
Update Date

25/12/2021  
10/01/2022

Customer Requirement (要件定義)	Food_Lab	Create Date	25/12/2021
		Update Date	10/01/2022

### Customer Requirement

#### 1 Kitchen lab

##### 1-1 Admin Page

###### 1-1-1 Admin Page

- a) Login
- b) Transaction Manage
- c) Coin Manage Admin
- d) Finance Manage
- e) Product Manage
- f) Dashboard

##### 2-1 Customer Page

###### 2-1-1 Customer Page Inculde

- a) Login
- b) Buy Coin
- c) Buy Item
- d) Verify Mail
- e) Message/Notification
- f) Profile Setting
- g) Tracking

##### 3-1 Kitchen Page

###### 3-1-1 Kitchen Page Include

- a) Order Manage

Schedule (進捗)	Food_Lab										Create Date	25/12/2021
											Update Date	10/01/2022
No	Sub	Task	Assign	Est Start	Est End	Duration	Act Start	Act End	Act Dura	Work Done		
1	Schedule (進捗)	ALL	ALL	2021/12/27	2022/03/27	90	2021/12/26		-44556	0%		
2	Project Flow (流れ)	Linn	Linn	2021/12/27	2022/01/03	7	2021/12/26	2022/01/03	8	100%		
3	Screen Design (画面設計)	C,M,ZN	C,M,ZN	2022/01/03	2022/01/10	7	2021/12/27	2022/01/09	13	100%		
4	Database (DB設計書)	Linn	Linn	2022/01/05	2022/01/10	5	2022/01/05	2022/01/09	4	90%		
5	Development (開発)	ALL	ALL	2022/01/10	2022/02/10	31			0	0%		
	1 Home	Min	Min	2022/01/10	2022/01/14	4			0	0%		
	2 Product	Cherry,Aung	Cherry,Aung	2022/01/16	2022/01/30	14			0	0%		
	3 Buy Coin	Zaw	Zaw	2022/01/10	2022/01/20	10			0	0%		
	4 Access	Min	Min	2022/01/14	2022/01/19	5			0	0%		
	5 Inform	Zayar	Zayar	2022/01/10	2022/01/15	5			0	0%		
	6 Profile	Zayar	Zayar	2022/01/15	2022/01/21	6			0	0%		
	1 Access	Min	Min	2022/01/19	2022/01/24	5			0	0%		
	2 Dashboard	Zarni	Zarni	2022/01/10	2022/01/13	3			0	0%		
	3 Transaction	Zarni	Zarni	2022/01/13	2022/01/19	6			0	0%		
	4 Coin	Zaw	Zaw	2022/01/20	2022/01/30	10			0	0%		
	5 Customer	Zarni	Zarni	2022/01/19	2022/01/24	5			0	0%		
	6 Finance	Cherry	Cherry	2022/01/10	2022/01/16	6			0	0%		
	7 Product	Aung	Aung	2022/01/10	2022/01/20	10			0	0%		
	8 Setting	Zayar	Zayar	2022/01/21	2022/01/26	5			0	0%		
	1 Access	Linn	Linn			0			0	0%		
	2 Order	Linn	Linn			0			0	0%		
6	Unit Test (単体試験)			2022/02/10	2022/02/20	10			0	0%		
7	Integration Test (結合試験)			2022/02/20	2022/02/25	5			0	0%		
8	Hosting Dev			2022/02/25	2022/03/03	6			0	0%		
9	Hosting Public			2022/03/03	2022/03/10	7			0	0%		
10	Release			2021/03/10	2021/03/20	10			0	0%		

182

Month

6.1

Schedule (進捗)	Food_Lab	Create Date	25/12/2021
		Update Date	10/01/2022

No	Name	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10						
1	Cherry			Finance														Product																					
2	Min			Home		Access									Access				Mobile																				
3	Aung				Product												Product																						
4	Zaw				Coin													Coin																					
5	Zarni			Dashboard		Transaction									Customer			Mobile Design																					
6	Zayar			Inform			Profile									Setting			Mobile																				
7	Linn																																						

Review & Repair

Main Flow (プロジェクト流れ)	Food_Lab	Create Date	25/12/2021
		Update Date	10/01/2022

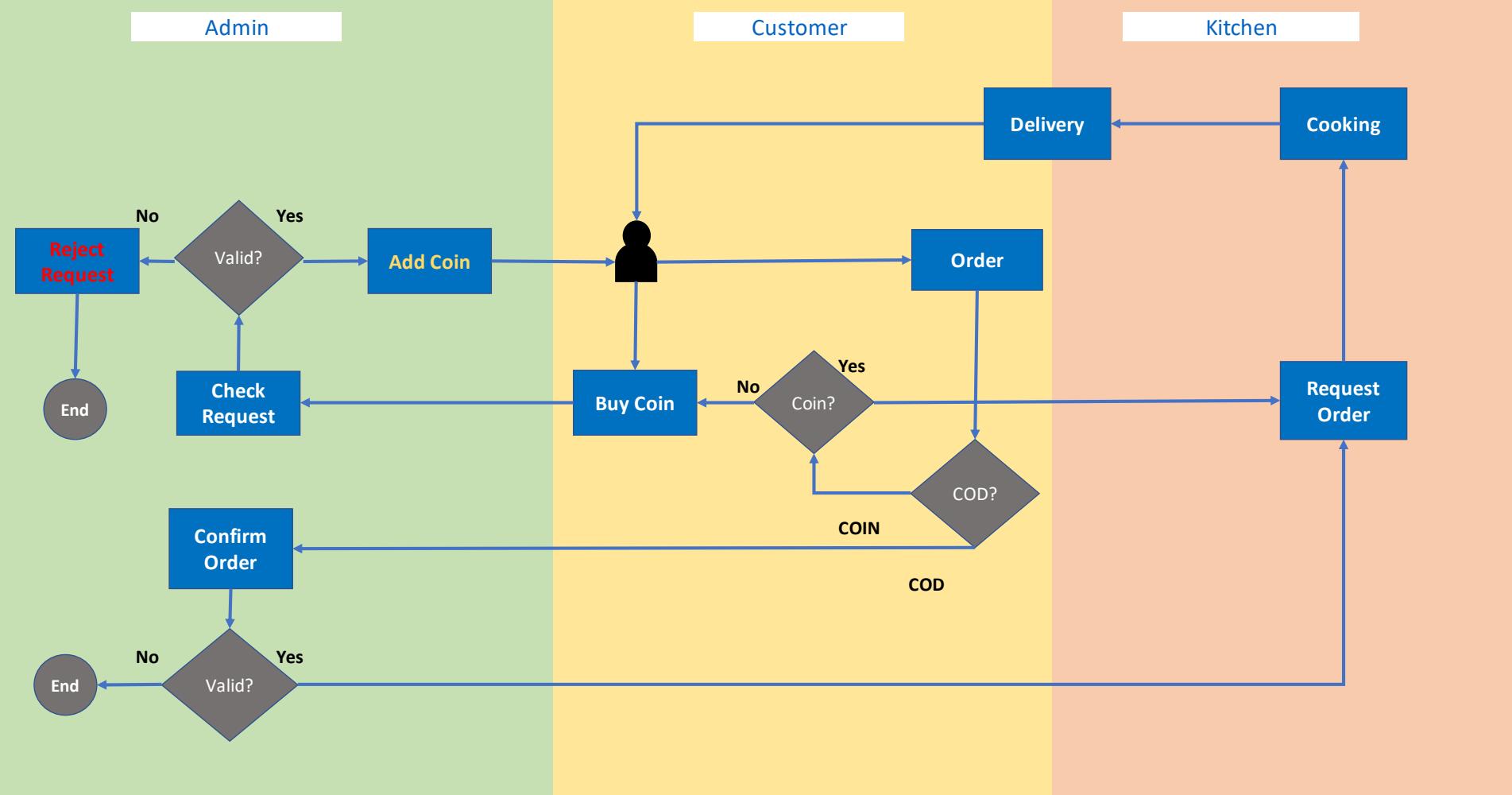
## Explanation of Project プロジェクトの説明

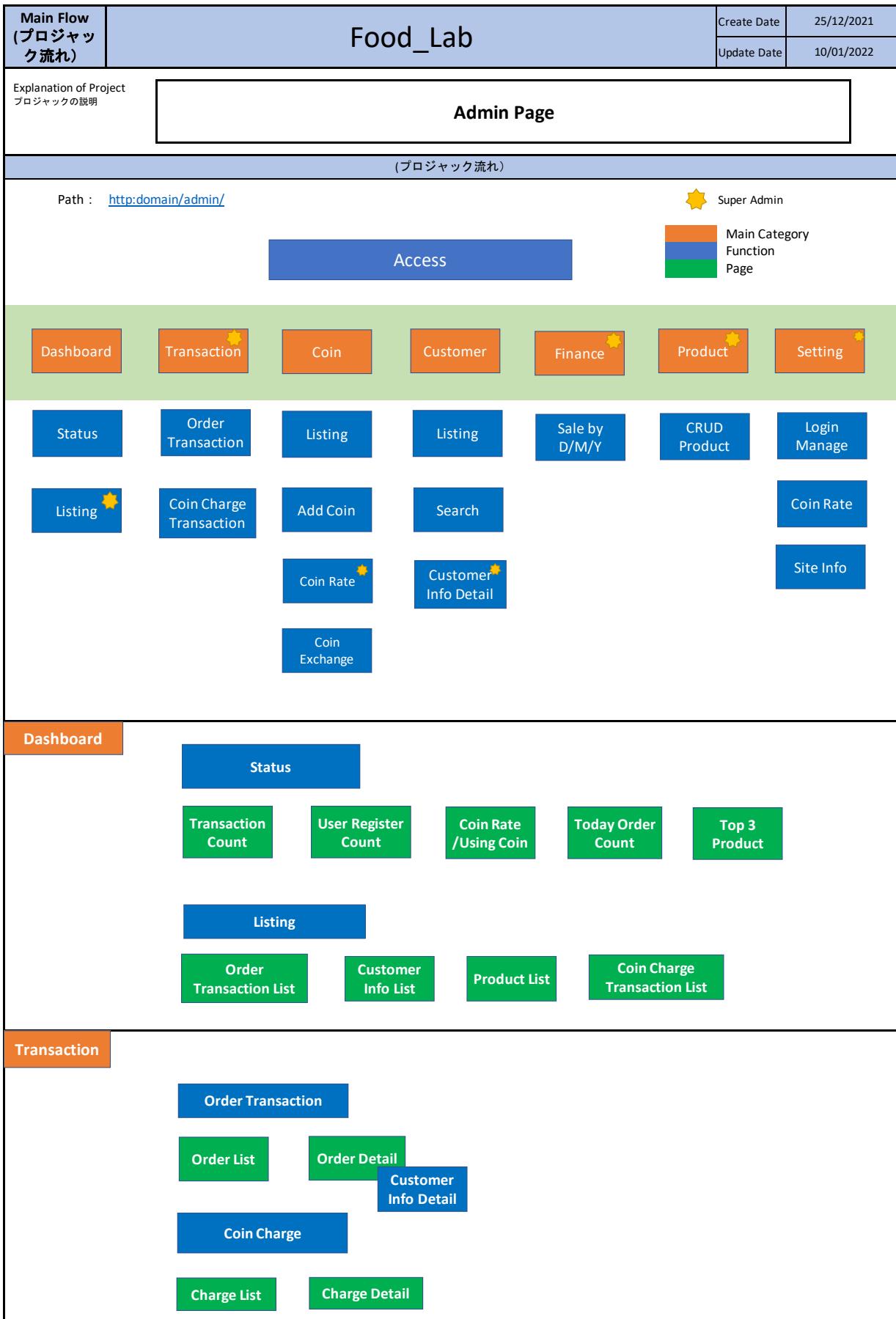
## Food Lab

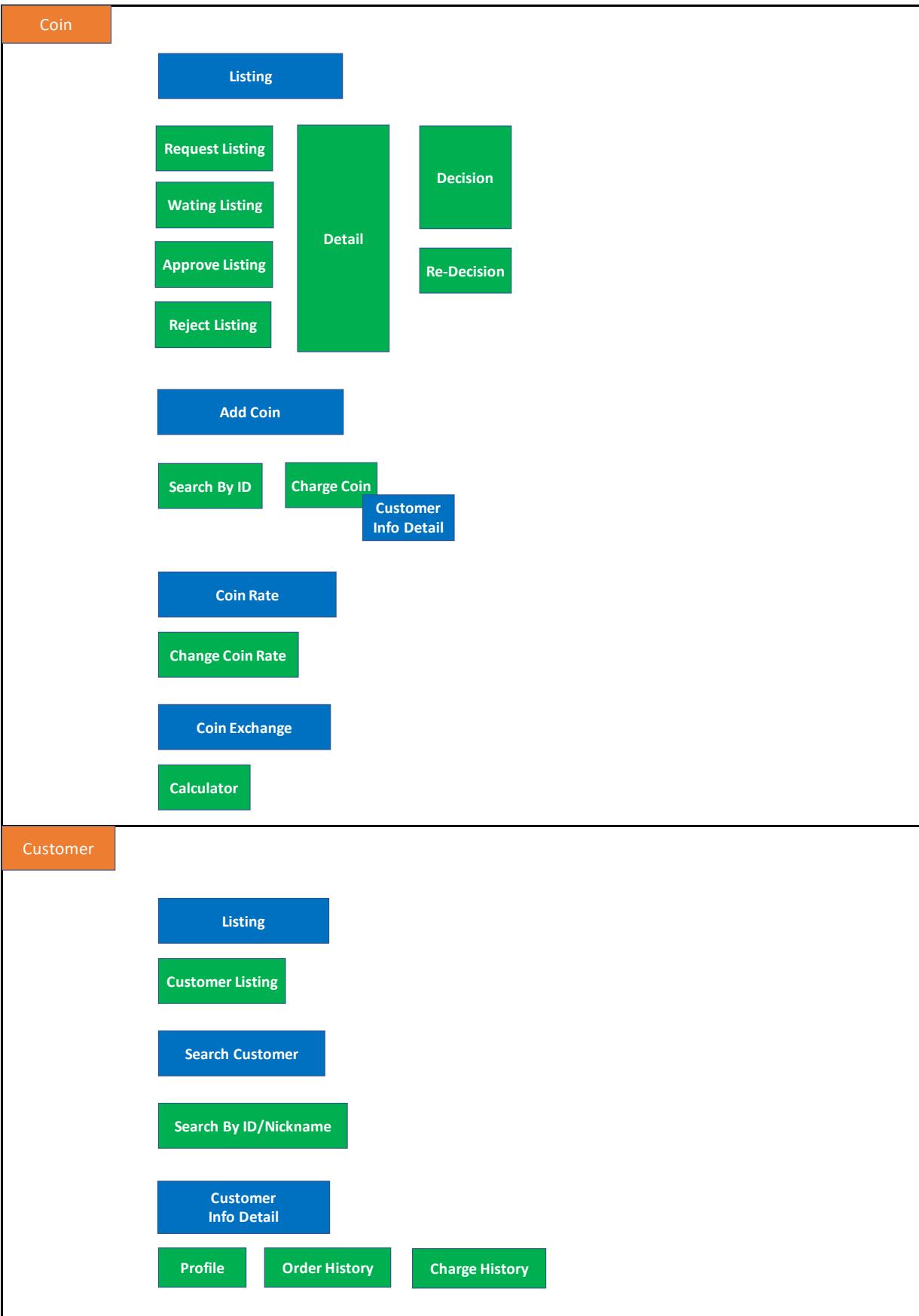
Create Date	25/12/2021
Update Date	10/01/2022

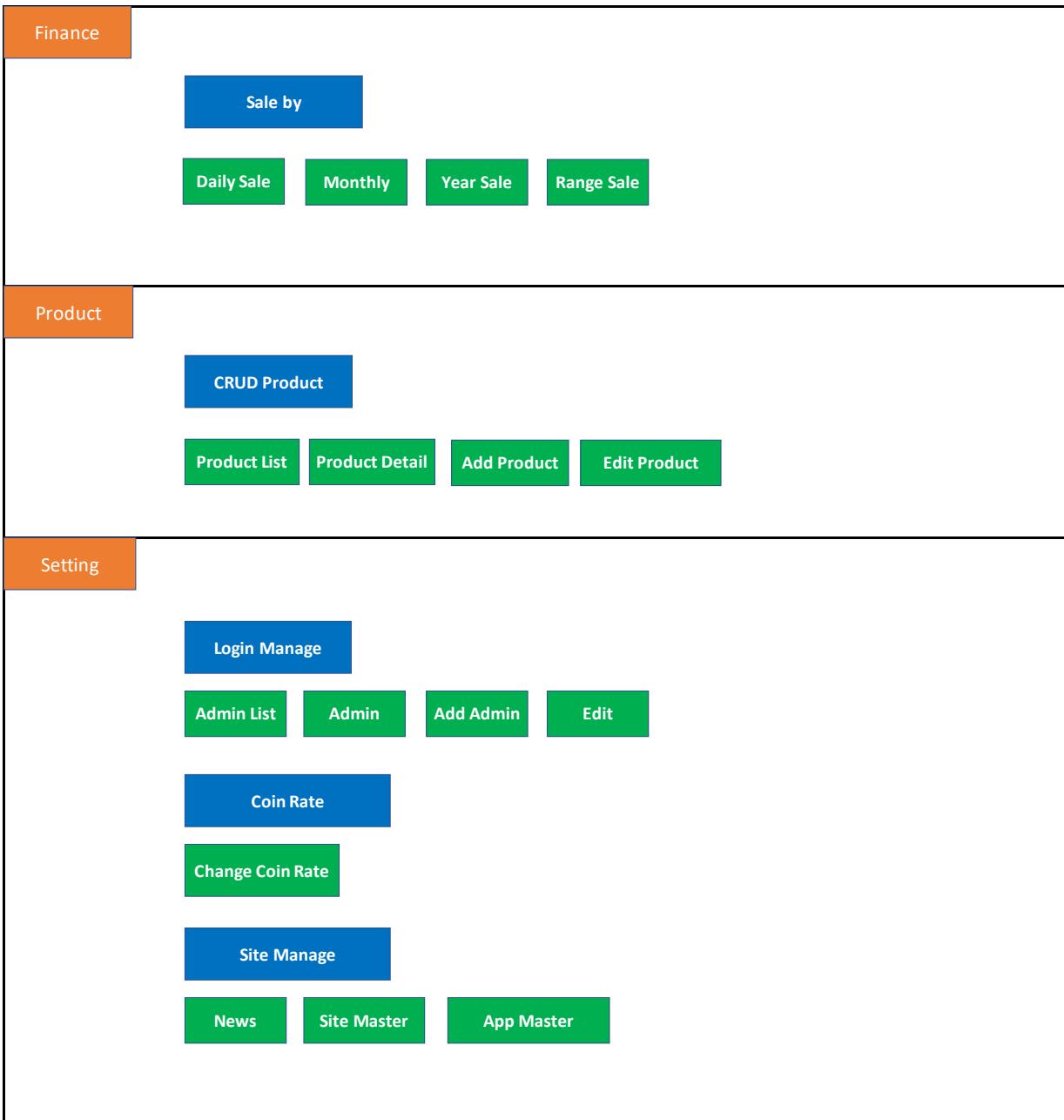
## Coin & Order Flow

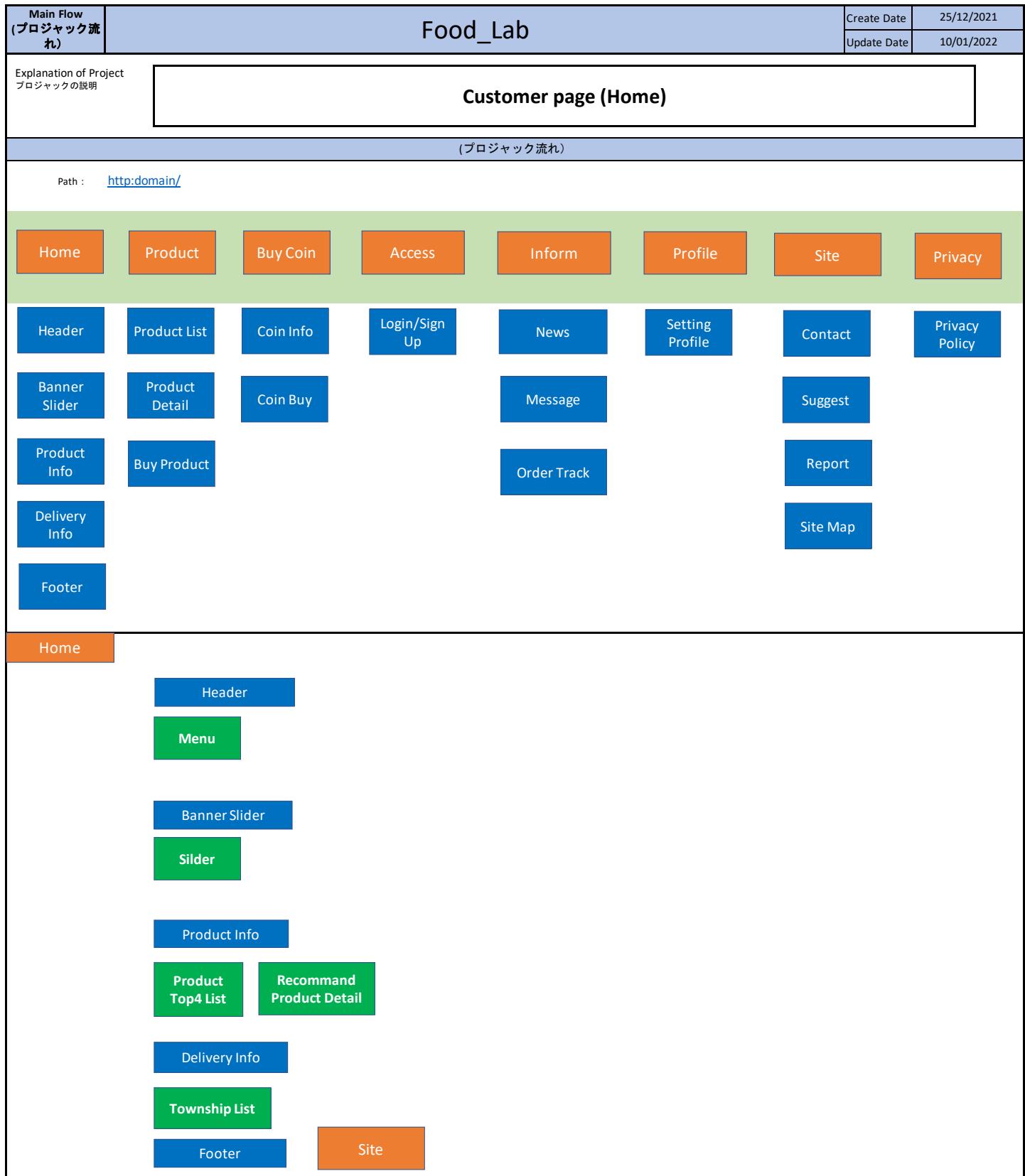
(プロジェクト流れ)



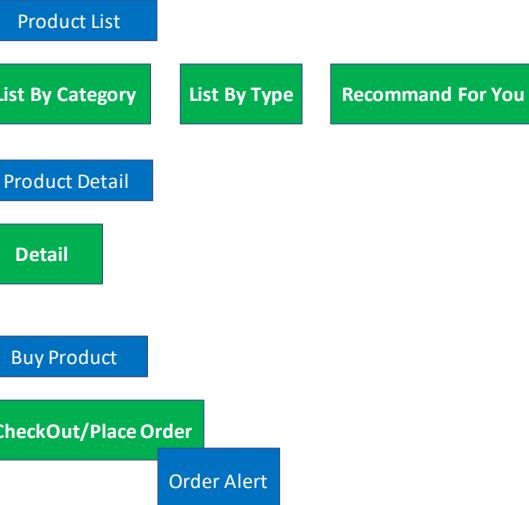




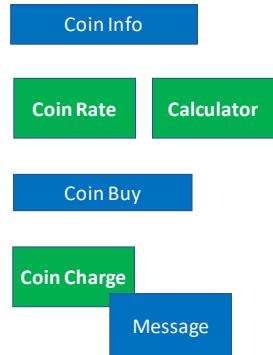




## Product



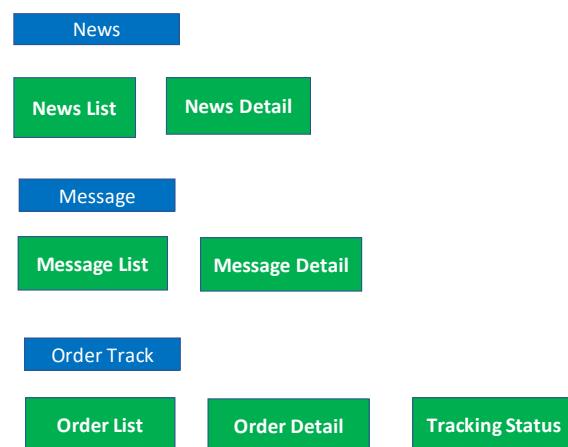
## Buy Coin



## Access



## Inform



Profile

Setting Profile

Manage Profile

Update Password

Privacy Policy

Privacy Policy

Policy Info

Site

Contact

Contact Form

Suggest

Suggest Form

Report

Report Form

Site Map

Site Link



<b>Code Rule</b>	<b>Food_Lab</b>	<b>Create Date</b>	25/12/2021	
		<b>Update Date</b>	10/01/2022	
<b>Global Rule</b>				
<ul style="list-style-type: none"> <li>1 Camel Naming Rule for all Function</li> <li>2 Max Code line: 170 line in one method</li> <li>3 Max Argument : 7 parameter in one function</li> <li>4 ALL Capital Letter for global variable</li> <li>5 Variable name must be meaningful (Not allow x,y,x,l,etc...)</li> <li>6 Must write comment in every method (header)           <pre>/*  *Create:Author Name(Date)  *Update:Author Name(Date)  *Explanation of method or function  *Parameter explain  *Return  */</pre> </li> <li>7 Not allow 3 time nested Loop Condition</li> <li>8 If using recursive method,must have break condition</li> <li>9 Must be format.</li> </ul>				
<b>HTML Rule</b>				
<ul style="list-style-type: none"> <li>1 Must write close tag</li> <li>2 Must write comment for open close tag</li> <li>3 Not allow inline css and internal css</li> <li>4 ID must be unique in one html</li> </ul>				
<b>CSS Rule</b>				
<ul style="list-style-type: none"> <li>1 Use scale unit (em,%,vh,vw) instead of px.(As much as possible)</li> <li>2 Use root declear for common properties.</li> <li>3 Must write comment by block</li> <li>4 Not allow minus assign (Example : margin : -10px)</li> <li>5 Must be responsive</li> </ul>				
<b>Javascript/Jquery Rule</b>				
<ul style="list-style-type: none"> <li>1 Global varible must be write in start of line</li> <li>2 If webpage is used jquery, Must be write (document.ready...)</li> <li>3 Avoid Deadcode</li> </ul>				
<b>Json Rule</b>				
<ul style="list-style-type: none"> <li>1 Key must be meaningful</li> </ul>				
<b>Ajax Rule</b>				
<ul style="list-style-type: none"> <li>1 Must have ContectType,success,error catch and statuscode control</li> <li>2 Must have timeout properties</li> <li>3 ID must be encrypt</li> </ul>				
<b>Laravel</b>				
<ul style="list-style-type: none"> <li>1 Log must be divided by Category</li> <li>2 Must use try catch in complex business logic</li> <li>3 Must use lang</li> <li>4 Password must be encrypt</li> <li>5 Class name Must be Pascal Naming Rule</li> <li>6 View name Must be Camel Naming Rue</li> <li>7 Avoid Deadcode</li> <li>8 Must MVC Rule</li> <li>9 Must be divided Validation Class</li> <li>10 Class Inside Oncall function must be private</li> <li>11 Must delete session if it is not use</li> </ul>				

DB Design (DB設計)	Food_Lab									Create Date	25/12/2021
										Update Date	10/01/2022
DB Name :	FOOD_LAB_DB										
Default Fields											
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark		
1	id	ID of Row	•	•	•	Bigint					
2	del_flg	Deleted or Not			•	integer			0:false , 1:true		
3	created_at	Created Timestamp			•	timestamp					
4	updated_at	Updated Timestamp				timestamp					
Table Name :	M_AD_Login										
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark		
1	ad_name	Name			•	varchar	128				
2	ad_password	Password			•	varchar	128				
3	ad_role	Role			•	varchar	2		SA:Super Admin, AD:Admin, KA:Kitchen_Admin, DL:Delivery		
4	ad_valid	Valid or not			•	integer			0:false , 1:true		
5	ad_login_dt	Last Login Time				timestamp					
Table Name :	M_AD_CoinRate										
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark		
1	base	Base on coin			•	integer			Default is 1		
2	rate	Rate			•	integer					
3											
4											
5											
6											
Table Name :	T_AD_CoinRate_History										
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark		
1	old_base	Old Base Coin			•	integer			Default is 1		
2	new_base	New Base Coin			•	integer					
3	old_rate	Old Rate			•	integer					
4	new_rate	New Rate			•	integer					
5	change_by	Change By			•	Bigint		•	M_AD_Login ID		
6	change_note	Change reason or Description			•	varchar					
Table Name :	T_AD_Order										
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark		
1	customer_id	Customer ID			•	Bigint		•	T CU Customer ID		
2	payment	Payment Type			•	integer			0:Coin,1:COD		
3	township_id	Delivery Township ID			•	integer			M_Township ID		
4	grandtotal_coin	If Customer Buy with Coin				integer			Either or		
5	grandtotal_cash	If Customer Buy with COD				integer					
6	order_status	Order Status			•	integer			M_Order_Status ID		
7	order_datetime	Order Datetime			•	timestamp					
8	last_control_by	Last time Control By			•	Bigint		•	M_AD_Login ID		
Table Name :	T_AD_OrderDetail										
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark		
1	order_id	Order ID			•	Bigint		•	T_AD_Order ID		
2	product_id	Product ID			•	integer					
3	quantity	Quantity			•	integer					
4	total_coin	If Customer Buy with Coin				integer			Either or		
5	total_cash	If Customer Buy with COD				integer					
6	note	add note by customer				varchar	255				
Table Name :	T_AD_CoinCharge										
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark		
1	customer_id	Customer ID			•	Bigint		•	T CU Customer ID		
2	request_coin	Customer Request Coin			•	integer					
3	request_evd_ID	Payment Screenshot			•	Bigint		•	T_AD_Evd ID		
4	request_datetime	RequestedDatetime			•	timestamp					
5	decision_status	Status			•	integer			M_Decision_Status ID		
6	re_decision	Re-decision or not			•	integer			0:false,1:true		
7	decision_by	Decision By			•	Bigint		•	M_AD_Login ID		

Table Structure for T_CU_Coin									
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	customer_id	Customer ID			●	Bigint		●	T_CU_Customer ID
2	coin	Coin Balance			●	integer			
3	approve_By	Approve By			●	integer			M_AD_Login ID

M CU Customer Login									
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	email	Email	•		•	varchar	128		
2	password	Password			•	varchar	128	128	
3	verify	Valid or not			•	integer			0:Not Valid,1:Valid
4	verify_code	Verify_Code			•	varchar	128		generate with [A-Za-z0-9!#\$%&]
5	customer_id	Customer ID			•	Bigint		•	T CU Customer ID
6	last_login_time	Last Login Time			•	timestamp			

T_CU_Customer									
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	customerID	ID of Customer	•		•	varchar	12		Generate Rule ----- 1=>Nickname (First Letter) 2=>Nickname (Last Letter) 3=>email (First letter) 4=>password (First Letter) 5=>password (Last Letter) 6,7=>date (dd) 8,9=>time (hh) 10,11,12=>Random Characer[A-Za-z0-9!#\$%&]
2	bio	Bio of customer				varchar	255		
3	nickname	Nickname			•	varchar	30		
4	phone	Phone				integer			
5	address1	Address				integer			M_State ID
6	address2	Address				integer			M_Township ID
7	address3	Address				varchar	128		
8	login_by_facebook	ID of Facebook Login				varchar	255		Return Code form Facebook
9	login_by_gmail	ID of Gmail Login				varchar	255		Return Code form Google
10	dob	Date of birthday				timestamp			
11	gender	Gender of customer				integer			0:Male,1:Female,2:Other
12	fav_type	Favorite Type of Customer				integer			M_Fav_Type ID
13	taste	Taste of Customer				integer			M_Taste ID
14	allergic	Allergic of Customer				varchar	255		

Table Name : M_AD_News									
No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	title	Title of News			•	varchar	255		
2	detail	Detail of News				varchar	255		
3	source	Path of Image				varchar	255		
4	category	Category of News			•	integer			M_New_Category
5	write_by	Write By			•	Bigint		•	M_AD_Login ID

Table Name : **T\_AD\_Evd**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	path	Path of Screenshot			•	varchar	255		
2	note	note by admin				varchar	255		

Table Name : **M\_Township**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	township_name	Township Name			•	varchar	255		
2	delivery_price	Price for Devliery			•	integer			0 is Free
3	note	note				varchar	255		

Table Name : **M\_Payment**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	payment_name	Payment Name			•	varchar	255		Kpay,CB,KBZ,AYA,.....
2	account_name	Price for Devliery			•	integer			
3	note	note				varchar	255		

Table Name : **M\_New\_Category**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	category_name	Category Name			•	varchar	255		food,health,promotion,social,other
2	note	note				varchar	255		

Table Name : **M\_Taste**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	taste	Taste of food			•	varchar	255		Spicy,sweet,Lemon,Sweet and Sour
2	note	note				varchar	255		

Table Name : **M\_Suggest**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	suggest_type	Suggest Type			•	varchar	255		Cooking Quality,Delivery,Website,Taste
2	note	note				varchar	255		

Table Name : **M\_Fav\_Type**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	favourite_food	Taste of food			•	varchar	255		chinese,burmese,korean,thai,japanese
2	note	note				varchar	255		

Table Name : **M\_Order\_Status**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	status	Order Status			•	varchar	255		Request,Cancel,Confirm,Reject,Working,Delivery,Complete
2	note	note				varchar	255		

Table Name : **M\_Decision\_Status**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	status	Decision Status			•	varchar	255		Request,Approve,Waiting,Reject
2	note	note				varchar	255		

Table Name : **T\_AD\_Report**

\* Reply By mail

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	order_id	Order ID			•	Bigint	255	•	T_AD_Order ID
2	report_message	Reported Message From Custo			•	varchar	255		
3	reply	Reply form Admin				varchar	255		

Table Name : **T\_AD\_Contact**

\* Reply By mail

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	message	Contact Message From Custom			•	varchar	255		
2	reply	Reply form Admin				varchar	255		
3	customer_id	For mail				integer			M_CU_Customer_Login's customer_id search

Table Name : T\_AD\_Suggest

\* Reply By mail

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	suggest_type	Suggestion Type			•	integer			M_Suggest ID
2	message	Suggest Message From Customer			•	varchar	255		
3	reply	Reply Form Admin				varchar	255		
4	customer_id	For mail			•	integer			M CU Customer Login's customer_id search

Table Name : M\_Site

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	site_name	Name Of Site			•	varchar	255		
2	site_logo	Logo Of Website			•	varchar	255		Logo Path
3	privacy_policy	Provacy Policy			•	varchar	255		
4	maintenance	Maintenance Status			•	integer			0:false,1:true
5	update_by	Update By				Bigint		•	M AD Login ID