Food_Lab

Team X

Team Member :

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

Create Date 25/12/2021
Update Date 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

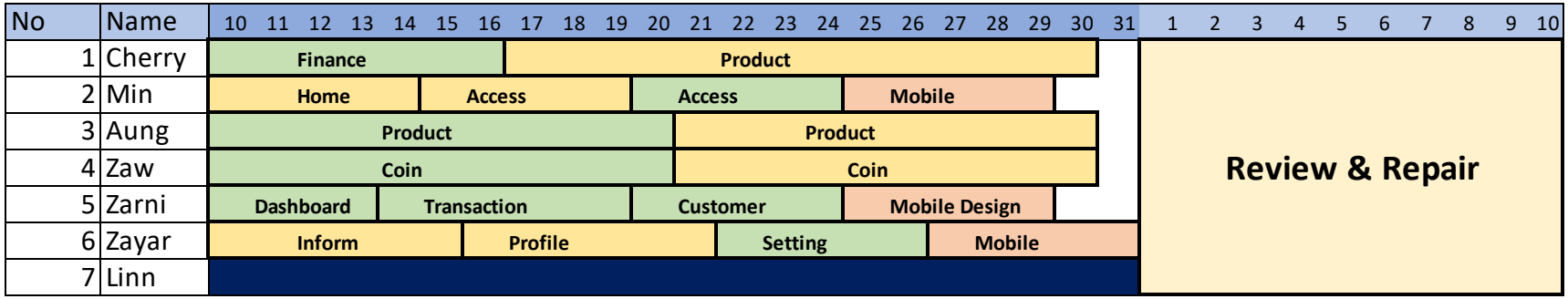
3-1-1 Kitchen Page Include

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	2021/12/27	2022/03/27	90	2021/12/26		-44556	0%
2		Project Flow（流れ）	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	2022/01/03	2022/01/10	7	2021/12/27	2022/01/09	13	100%
4		Database（DB設計書）	Linn	2022/01/05	2022/01/10	5	2022/01/05	2022/01/09	4	90%
5		Development（開発）	ALL	2022/01/10	2022/02/10	31			0	0%
	1	Home	Min	2022/01/10	2022/01/14	4			0	0%
	2	Product	Cherry,Aung	2022/01/16	2022/01/30	14			0	0%
	3	Buy Coin	Zaw	2022/01/10	2022/01/20	10			0	0%
	4	Access	Min	2022/01/14	2022/01/19	5			0	0%
	5	Inform	Zayar	2022/01/10	2022/01/15	5			0	0%
	6	Profile	Zayar	2022/01/15	2022/01/21	6			0	0%
	1	Access	Min	2022/01/19	2022/01/24	5			0	0%
	2	Dashboard	Zarni	2022/01/10	2022/01/13	3			0	0%
	3	Transaction	Zarni	2022/01/13	2022/01/19	6			0	0%
	4	Coin	Zaw	2022/01/20	2022/01/30	10			0	0%
	5	Customer	Zarni	2022/01/19	2022/01/24	5			0	0%
	6	Finance	Cherry	2022/01/10	2022/01/16	6			0	0%
	7	Product	Aung	2022/01/10	2022/01/20	10			0	0%
	8	Setting	Zayar	2022/01/21	2022/01/26	5			0	0%
	1	Access	Linn			0			0	0%
	2	Order	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

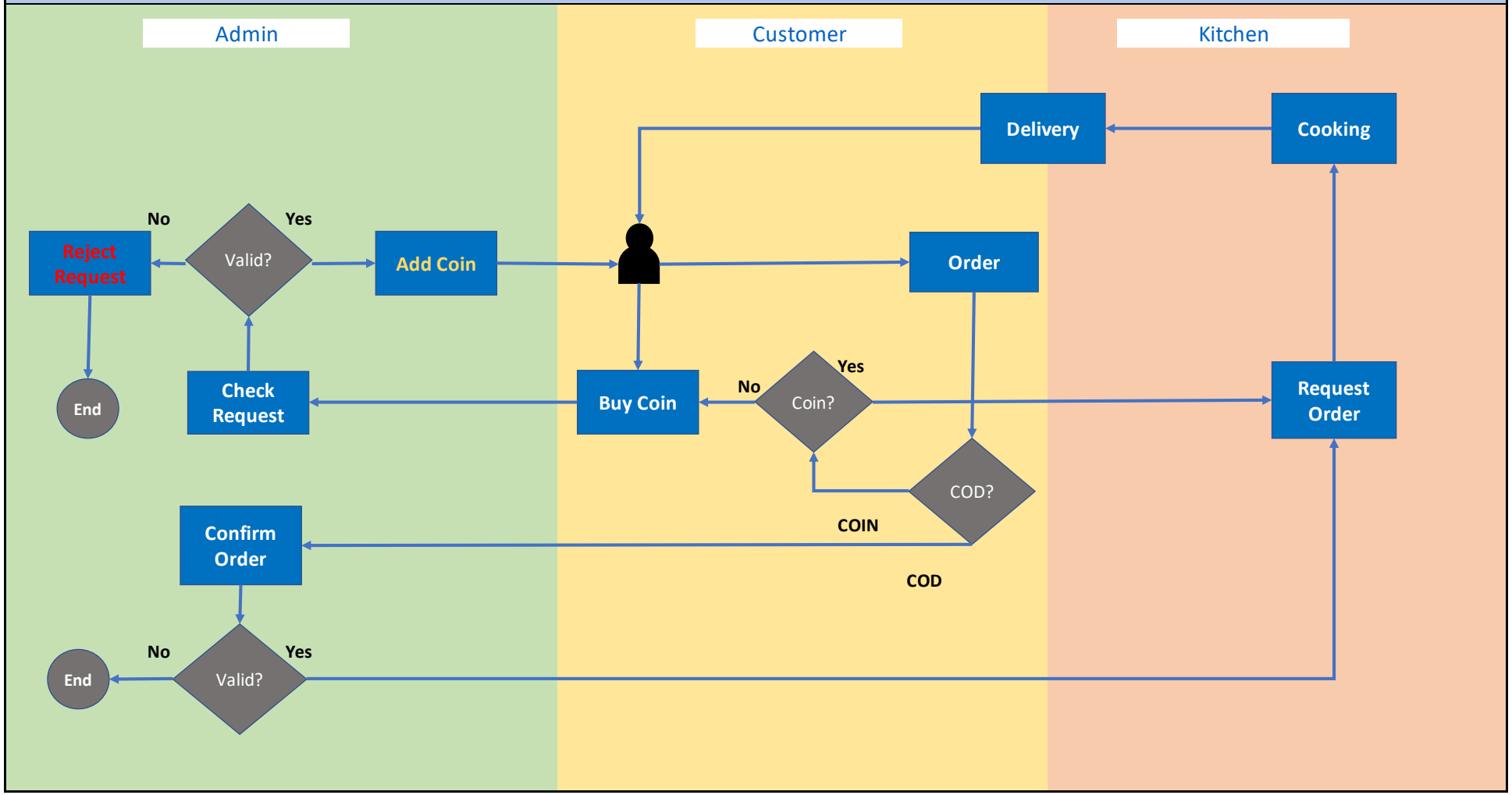


Main Flow (プロジャック流れ)	Food_Lab	Create Date	25/12/2021
		Update Date	10/01/2022

Explanation of Project
プロジャックの説明

Coin & Order Flow

(プロジャック流れ)



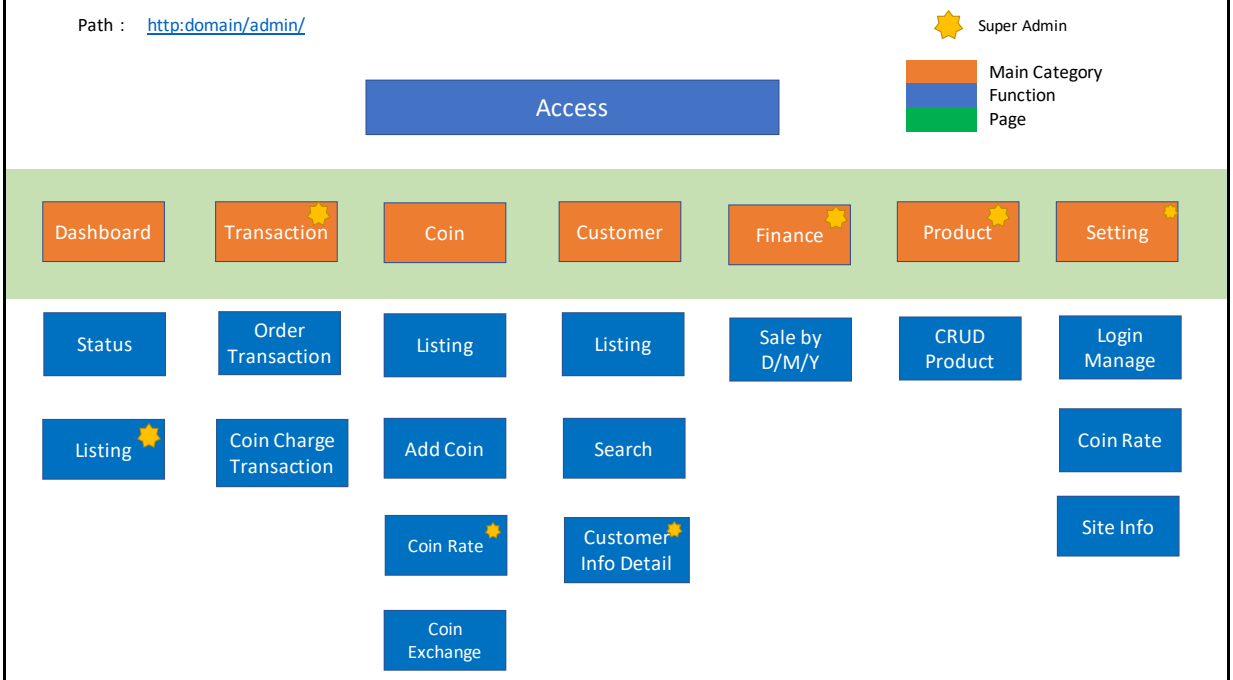
Main Flow (プロジャック流れ)	Food_Lab	Create Date	25/12/2021
		Update Date	10/01/2022

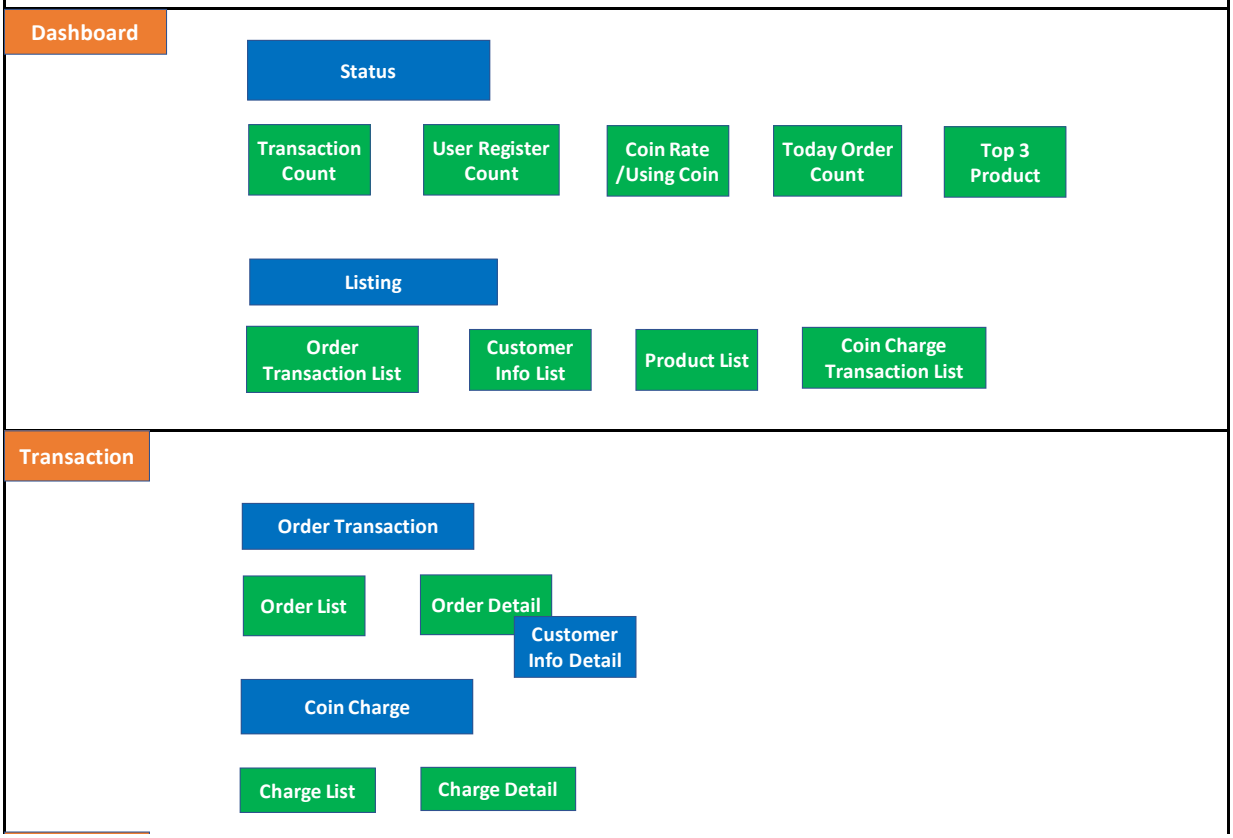
Explanation of Project
プロジャックの説明

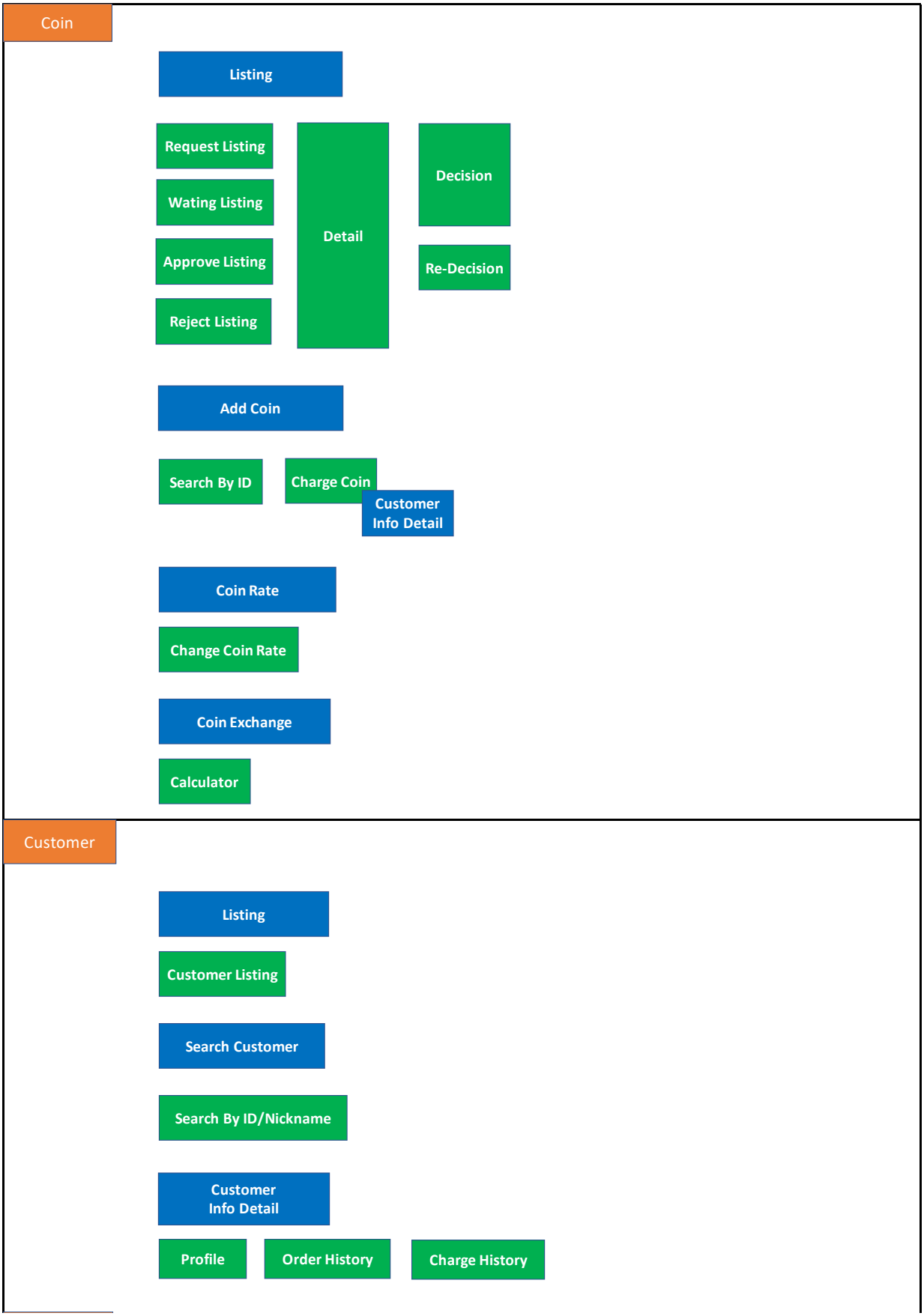
Admin Page

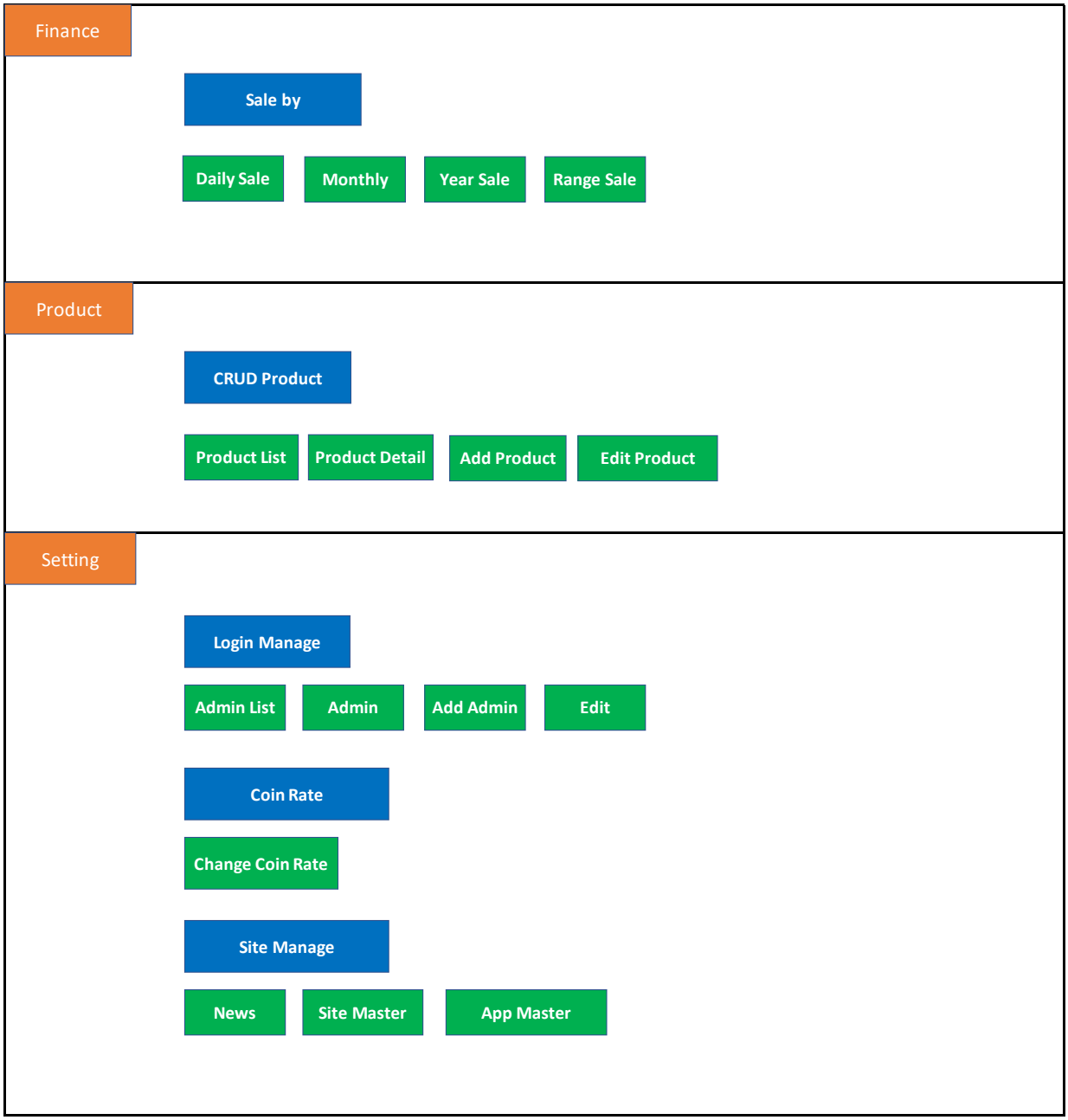
(プロジャック流れ)

Path : http:domain/admin/






Coin
Listing
Request Listing
Wating Listing
Approve Listing
Reject Listing
Detail
Decision
Re-Decision
Add Coin
Search By ID
Charge Coin
Customer Info Detail
Coin Rate
Change Coin Rate
Coin Exchange
Calculator
Customer
Listing
Customer Listing
Search Customer
Search By ID/Nickname
Customer Info Detail
Profile
Order History
Charge History


Finance
Sale by
Daily Sale
Monthly
Year Sale
Range Sale
Product
CRUD Product
Product List
Product Detail
Add Product
Edit Product
Setting
Login Manage
Admin List
Admin
Add Admin
Edit
Coin Rate
Change Coin Rate
Site Manage
News
Site Master
App Master

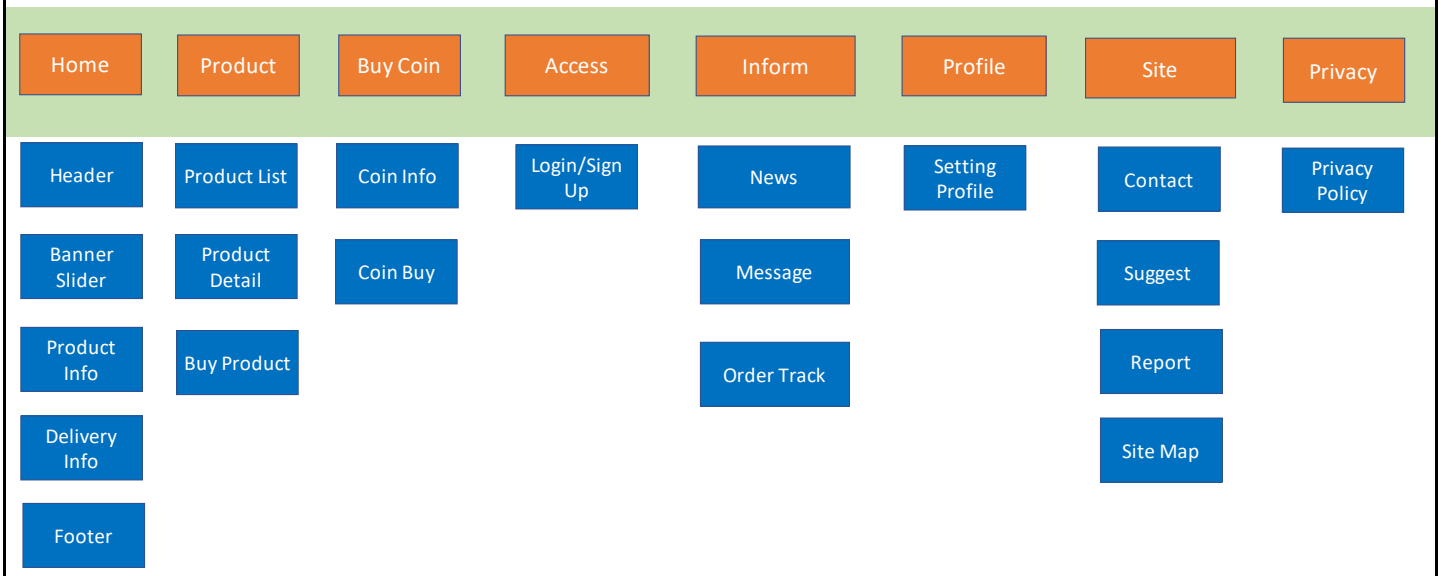
Main Flow (プロジャック流れ)	Food_Lab	Create Date	25/12/2021
		Update Date	10/01/2022

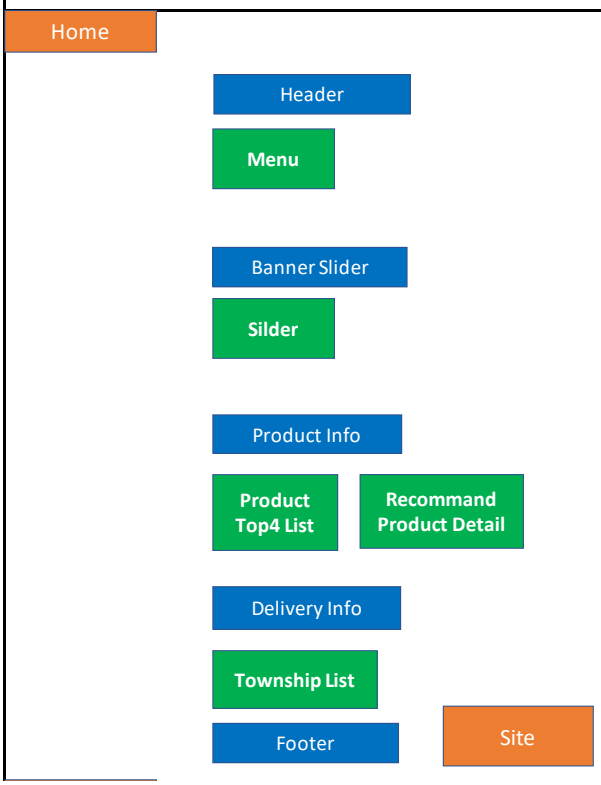
Explanation of Project
プロジャックの説明

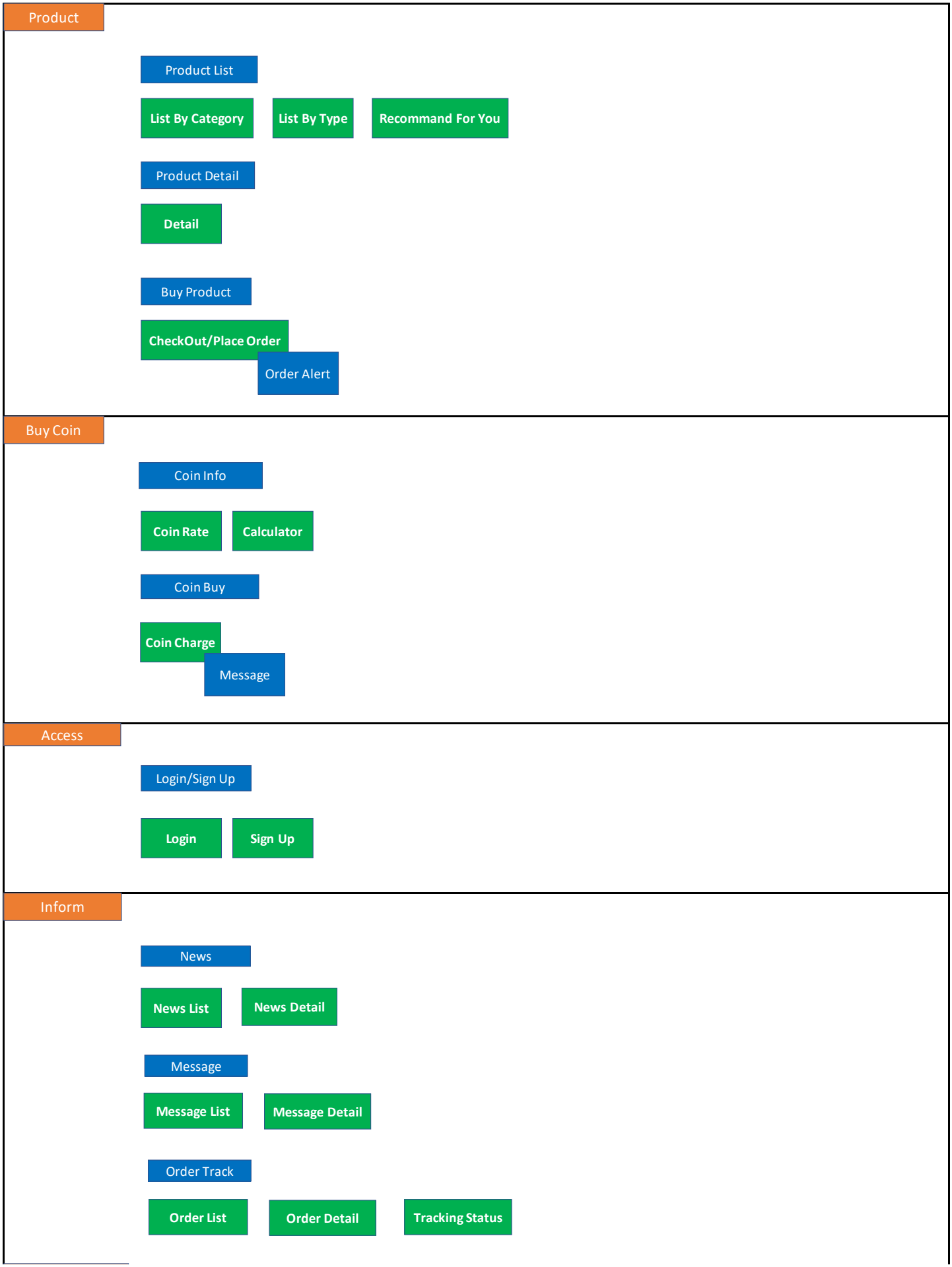
Customer page (Home)

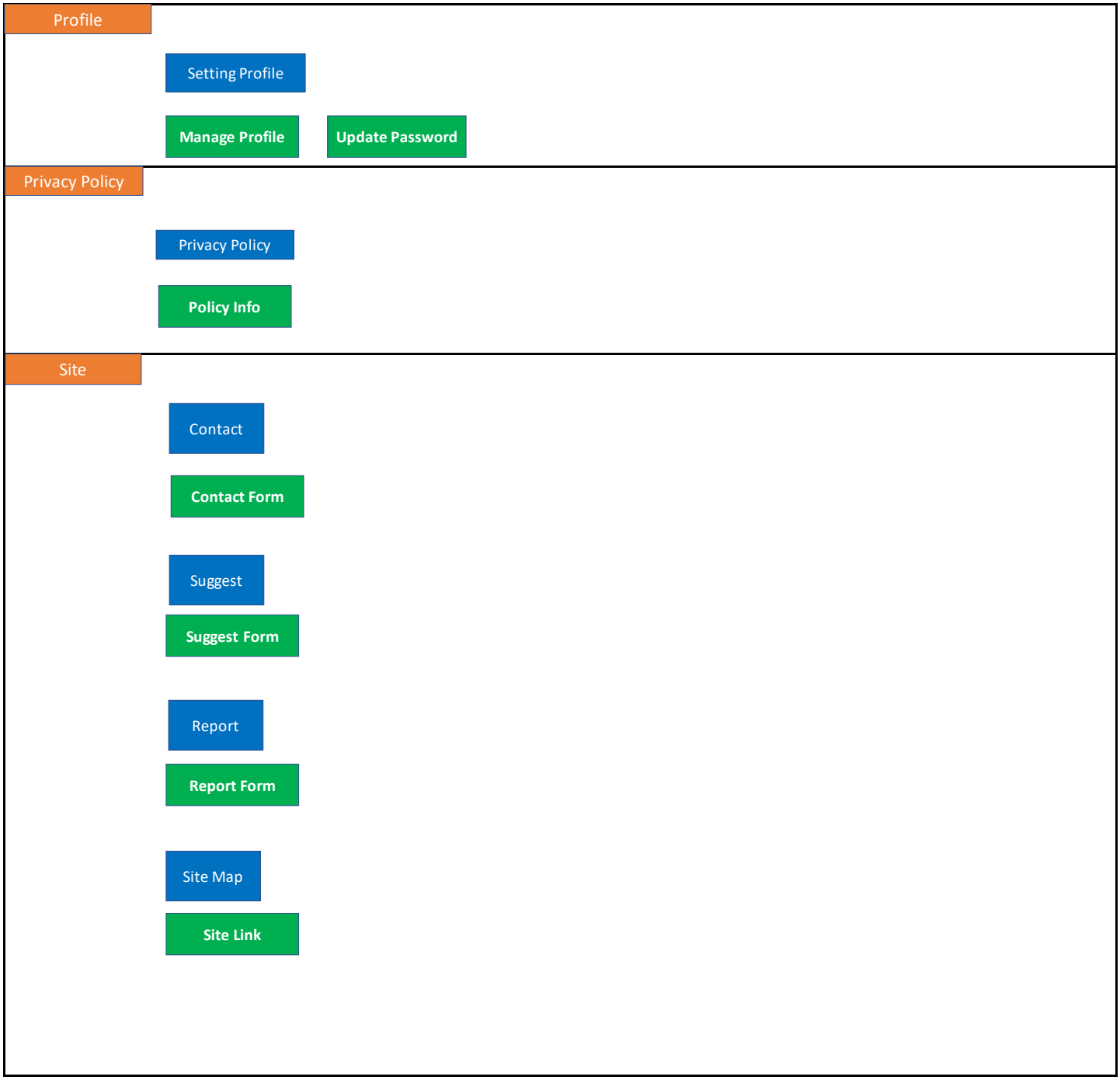
(プロジャック流れ)

Path : http:domain/






Product
Product List
List By Category
List By Type
Recommand For You
Product Detail
Detail
Buy Product
CheckOut/Place Order
Order Alert
Buy Coin
Coin Info
Coin Rate
Calculator
Coin Buy
Coin Charge
Message
Access
Login/Sign Up
Login
Sign Up
Inform
News
News List
News Detail
Message
Message List
Message Detail
Order Track
Order List
Order Detail
Tracking Status


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

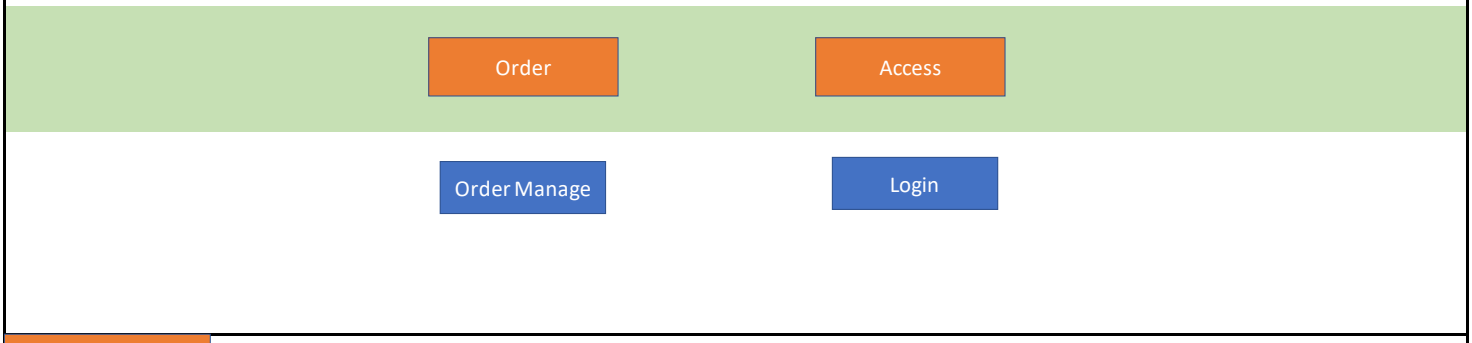
Main Flow (プロジャック流れ)	Food_Lab	Create Date	25/12/2021
		Update Date	10/01/2022

Explanation of Project
プロジャックの説明

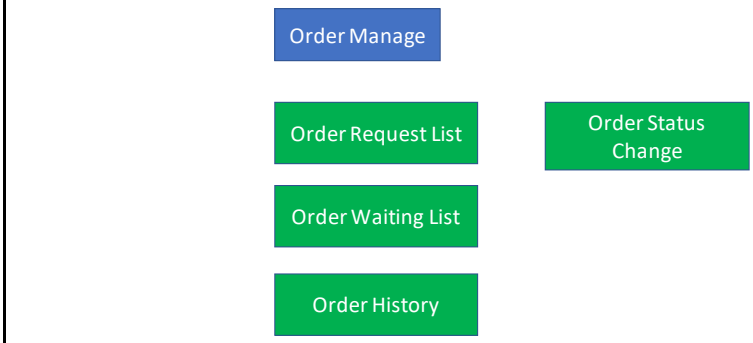
Kitchen Page

(プロジャック流れ)

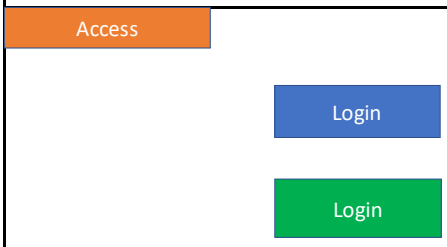
Path : http:domain/order



Order



Access



Code Rule	Food_Lab	Create Date	25/12/2021
		Update Date	10/01/2022

Global Rule

1. Camel Naming Rule for all Function
2. Max Code line: 170 line in one method
3. Max Argument : 7 parameter in one function
4. ALL Capatial Letter for global variable
5. Variable name must be meaningful (Not allow x,y,x,I,etc...)
6. Must write comment in every method (header)

```
/*
*Create:Author Name(Date)
*Update:Author Name(Date)
*Explanation of method or function
*Parameter explain
*Return
*/
```

7. Not allow 3 time nested Loop Condition
8. If using recursive method,must have break condition
9. Must be format.

HTML Rule

1. Must write close tag
2. Must write comment for open close tag
3. Not allow inline css and internal css
4. ID must be unique in one html

CSS Rule

1. Use scale unit (em,%,vh,vw) instead of px.(As much as possible)
2. Use root declear for common properties.
3. Must write comment by block
4. Not allow minus assign (Example : margin : -10px)
5. Must be responsive

Javascript/Jquery Rule

1. Global varible must be write in start of line
2. If webpage is used jquery,Must be write (document.ready...)
3. Avoid Deadcode

Json Rule

1. Key must be meaningful

Ajax Rule

1. Must have ContectType,success,error catch and statuscode control
2. Must have timeout properties
3. ID must be encrypt

Laravel

1. Log must be divided by Category
2. Must use try catch in complex business logic
3. Must use lang
4. Password must be encrypt
5. Class name Must be Pascal Naming Rule
6. View name Must be Camel Naming Rue
7. Avoid Deadcode
8. Must MVC Rule
9. Must be divided Validation Class
10. Class Inside Oncall function must be private
11. Must delete session if it is not use

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			

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	Requested Datetime			●	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 Name : **T_AD_CoinCharge_Decision_History**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	charge_id	Coin Charge ID			●	Bigint		●	T_AD_Charge ID
2	decision_by	Decision By			●	Bigint		●	M_AD_Login ID
3	old_status	Old Status			●	integer			
4	new_status	New Status			●	integer			
5	note	Note by Admin				varchar	255		

Table Name : **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

Table Name : **T_AD_CoinCharge_Finance**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	charge_id	Coin Charge ID			●	Bigint		●	T_AD_Charge ID
2	payment_type	Payment Type			●	integer			M_Payment ID
3	amount	Received Amount			●	integer			

Table Name : **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	
3	verify	Valid or not			●	integer			0:Not Valid,1:Valid
4	verift_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			

Table Name : **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 Chararacter[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				varchar	10		M_Fav_Type ID
13	taste	Taste of Customer				varchar	10		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			
2	detail	Detail of News				varchar			
3	source	Path of Image				varchar			
4	category	Category of News			●	integer			M_New_Category
5	write_by	Write By			●	Bigint		●	M_AD_Login ID

Table Name : **M_AD_CoinCharge_Message**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	title	Title of Message			●	varchar			
2	detail	Detail of Message				varchar			
3	charge_id	Coin Charge ID				Bigint		●	T_AD_CoinCharge ID

Table Name : **M_AD_Track**

No	Field Name	Description	PK	AI	NN	Type	Length	FK	Remark
1	title	Title of Message			●	varchar			
2	detail	Detail of Message				varchar			
3	order_id	Order ID				Bigint		●	T_AD_Order 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_Decison_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 Custor			●	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 Custom			●	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