■UserInterface(Phase1)
TopPage

main.html

Area Data Infmation

Area (Select Box) ▽

Area Data（from pi）

Time	Temperature	Humidity	Rainfall	Water level
AM0:00	17℃	0%		1cm
AM3:00	16℃	0%		10cm
AM6:00	14℃	0%		12cm
AM9:00	20℃	0%		15cm
AM12:00	21℃	0%		20cm
PM15:00	23℃	0%		30cm

Daily Graph Image Button

Area Data Graph Image

Area Data Graph Image

csv text → GraphImage Writing
（Using JavaScript, HTML5）

201510170000,17,50,0100
201510170005,17,50,0100
201510170010,18,50,0100
201510170015,17,50,0100

YYYYMMDD_Rainfall_01_csv.txt

★At first, to read the data from a file rather than a database.

WaterLevel - Daily

400
300
200 ■ water
100
0
AM0:00 AM3:00 AM6:00 AM9:00 AM12:00 PM15:00

（InnerHTML）

Temp & Hum - Daily

400
200
0
AM0:00 AM3:00 AM6:00 AM9:00 AM12:00 PM15:00

YYYYMMDD_Rainfall_01_csv.txt （DataModel）

Timestamp(12)	Temp(2)	Hum(2)	Waterlevel(4)
YYYYMMDDhhmm	℃	%	cm
201510170000	17	50	100

■UserInterface(Phase2)

main.html

【LOGIN】

LOGIN button → (Input TextBox)
NickName or Email
PASSWORD

userLogin.html

DataBase
CUSTOMER_INFOMATION

LoginProgram(Ruby)

■Authentication Logic
・User Login
・Administrator Login

USER_MENU
userMyPage.html

ADMIN_MENU
adminMyPage.html

LOGIN_ERROR
loginError.html

【REGISTRATION】

REGIST button → (Input TextBox)
NickName
Area
Email
TwitterAcount

userRegist.html

DataBase
CUSTOMER_INFOMATION

RegistProgram(Rub

■Registration Logic
・User Registration

USER_MENU
userMyPage.html

Area Data Infmation

Area (Select Box)

Area Data（from pi）

Time	Temperature	Humidity	Rainfall	Water level
AM0:00	17℃	0%	100mm	1cm
AM3:00	16℃	0%	120mm	10cm
AM6:00	14℃	0%	150mm	12cm
AM9:00	20℃	0%	200mm	15cm
AM12:00	21℃	0%	300mm	20cm
PM15:00	23℃	0%	200mm	30cm

Daily Graph Image Button
Monthly Graph Image Button
Yearly Graph Image Button

Area Data Graph Image

Rainfall-Daily

(Graph: 400, 300, 200, 100, 0 — AM0:00 AM3:00 AM6:00 AM9:00 AM12:00 PM15:00)
Rainfall
water

★To read the data from database.

Daily
GraphImage.rb?type=D&date=YYYYMMDD
Monthly
GraphImage.rb?type=M&date=YYYYMMDD
Yearly
GraphImage.rb?type=Y&date=YYYYMMDD

Area Data Graph Image

Temp & Hum - Daily

(Graph: 400, 200, 0 — AM0:00 AM3:00 AM6:00 AM9:00 AM12:00 PM15:00)

Area Map Link

	Danger
	Be careful
	Safe as usel

Area Data Photo Image — InnerHTML

Rubbish Infomation

Area (Select Box)

	Durty(70%～100%)
	Be careful(30%～
	Clean(0%～30%)

Area Data Photo Image — InnerHTML

ImageDispatcher
Program(Ruby)

DataBase
AREA_INFOMATION

ImageDispatcher
Program(Ruby)

Camera Image

Camera Live Page Image
cameraImage.html?Area=XXX&type=RF

Camera Live Page Image(Rubbish)
cameraImage.html?Area=XXX&type=RB