The test for checking your programming skill

Basic Specifibcation

08-Sep-14

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Remark

1.Outline

1.Purpose of test

This is test for checking your programming skill
We would you like to create system which meets following specification with PHP and mySQL.
After finishing this test , you post URL to test server we prepared.

Please send us e-mail describing following :

- **URL** URL is where you created system.
- **Hours** How much time did you spend ?

2.Outline of this system

This system consists of two process.

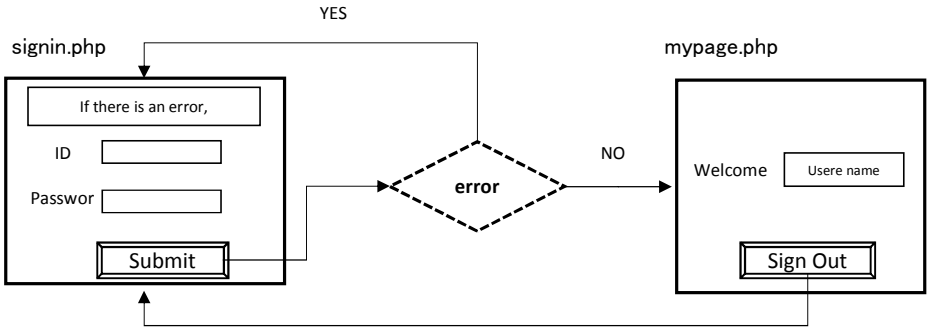
One is Signin process.
User can signin with ID and password
Click submit button in signin page if there is no error , then user can move to mypage.

Another is Register process.
User can enter his ID and password,
Click submit button after entering user information in register page, confirmation page is shown if there is no error.
Click register button in confirmation page, user information is registerd in DB and send e-mail for thank you for registration.

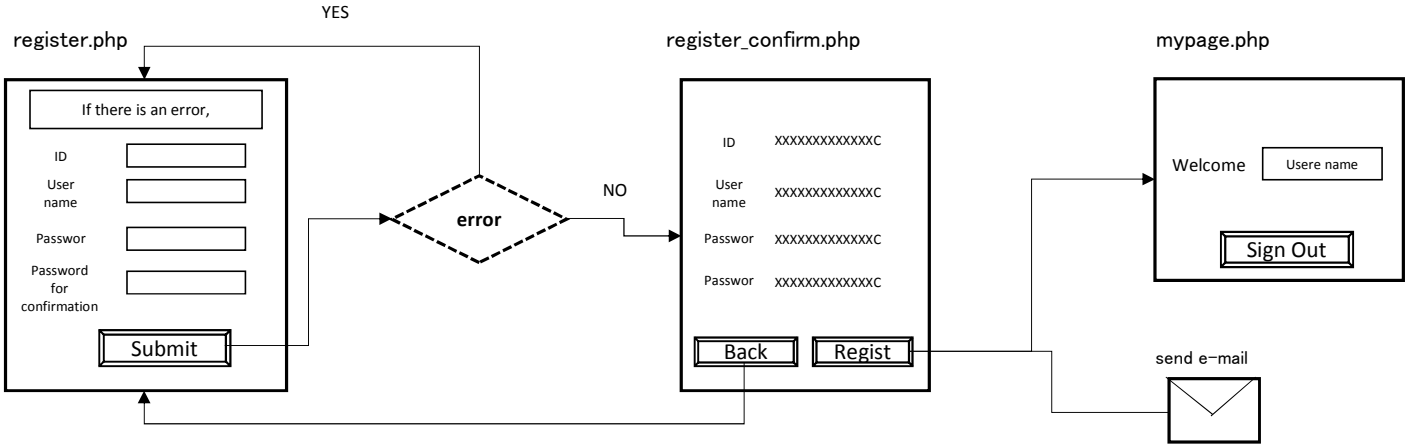
Remark

1. Screen transition diagram

1. 1. Sign in



1. 2. Register



Remark

2. 1. Sign in

Sign in is the page to signup to mypage with enterd ID and password.

1. ID (e-mail address)
   Textbox
2. Password
   Passwordbox(6～128byte half-width alphanumeric)
3. Submit

Check — Check whether both e-mail address and password is entered or not.
Check whether entered e-mail address is invalid or not.
Check whether entered password is half-width alphanumeric 6～128byte or not.
Check whether entered ID match password registerd in DB or not.

Error — Yes

4 Following error massage is displayed at the top of page :

When e-mail address or password is not entered,
Show "Both Password and ID must be entered"
When entered e-mail address is invalid,
Show "E-mail address is invalid"
When entered password is not half-width alphanumeric 6～128byte,
Show "Entered password must be half-width alphanumeric 6～128byte"
When entered ID doesn't match password registered in DB,
Show "Entered password(ID) is wrong"

No

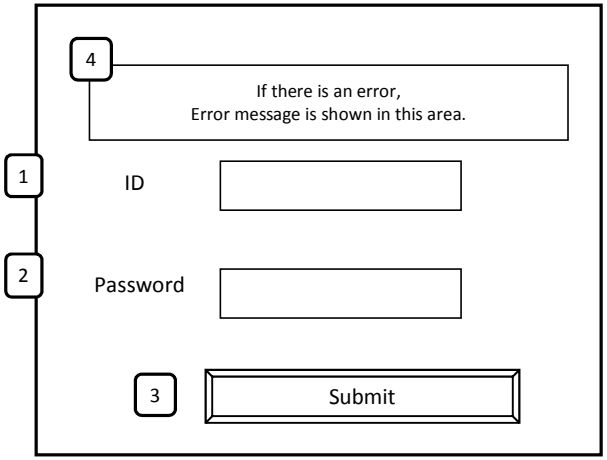
mypage — Move to mypage

mypage

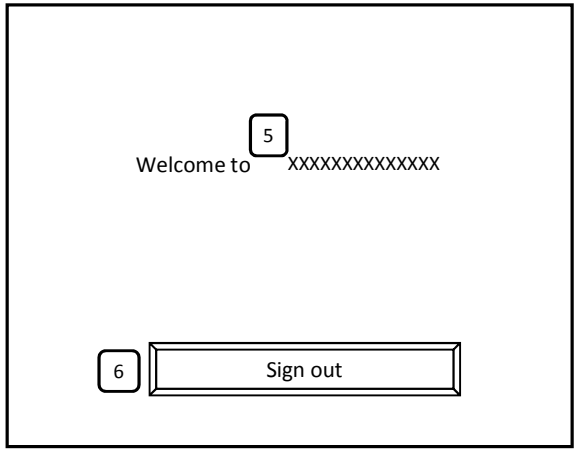
5.Username
Extraction username from useTBL is displayed.

6.Sign out
When Sign out button is clicked, back to the signup page .

signin.php



mypage.php



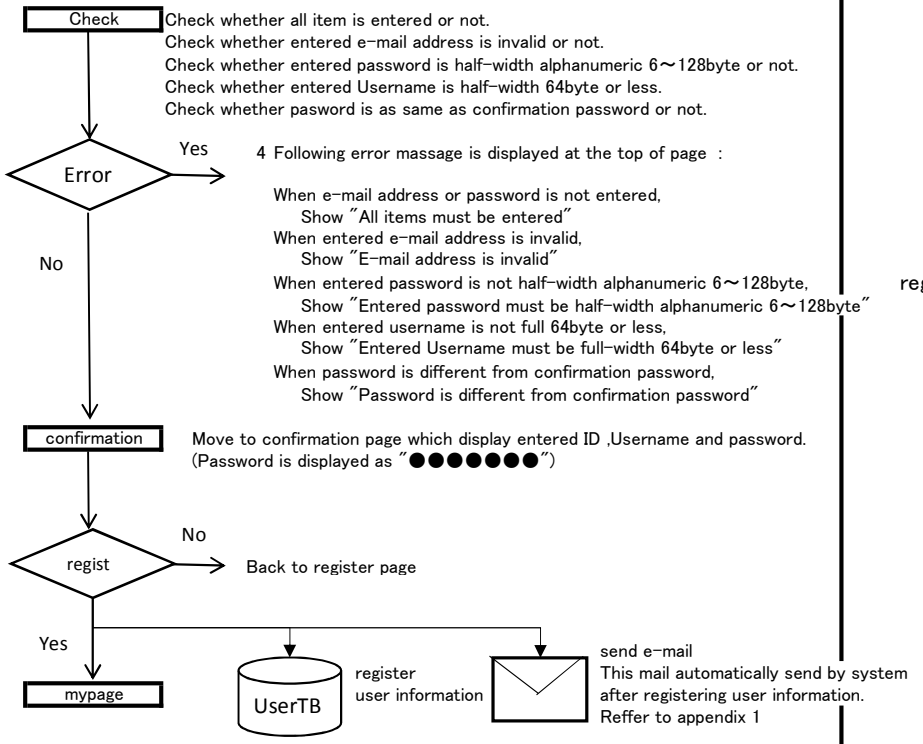
Remark

2. Function Specification

2.1. Register

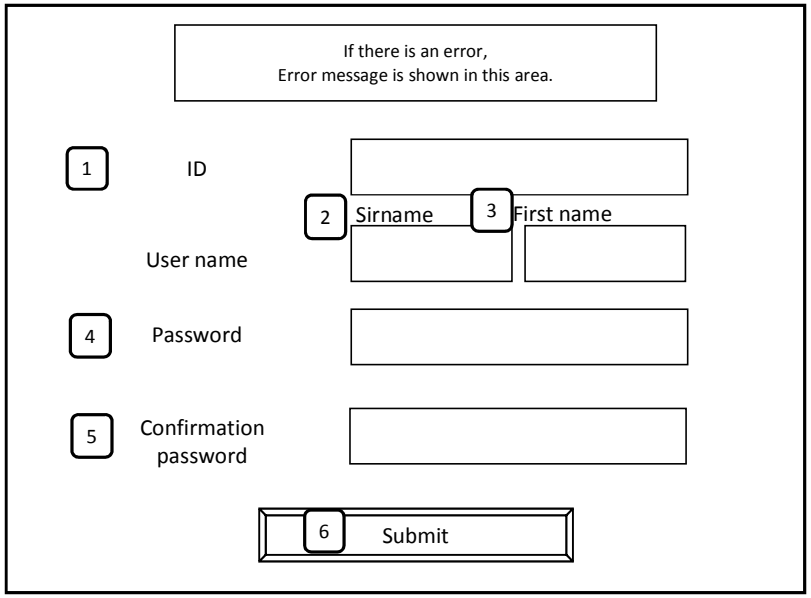
Register is the page to register user information.

1. ID (e-mail address)
   Textbox(half-width alphanumeric 6～128byte)
2. Username(Sirname)
   Textbox(full-width 64byte)
3. Username(First name)
   Textbox(full-width 64byte)
4. Password
   Passwordbox(6～128byte half-width alphanumeric)
5. Confirmation password
   Passwordbox(6～128byte half-width alphanumeric)
5. Submit

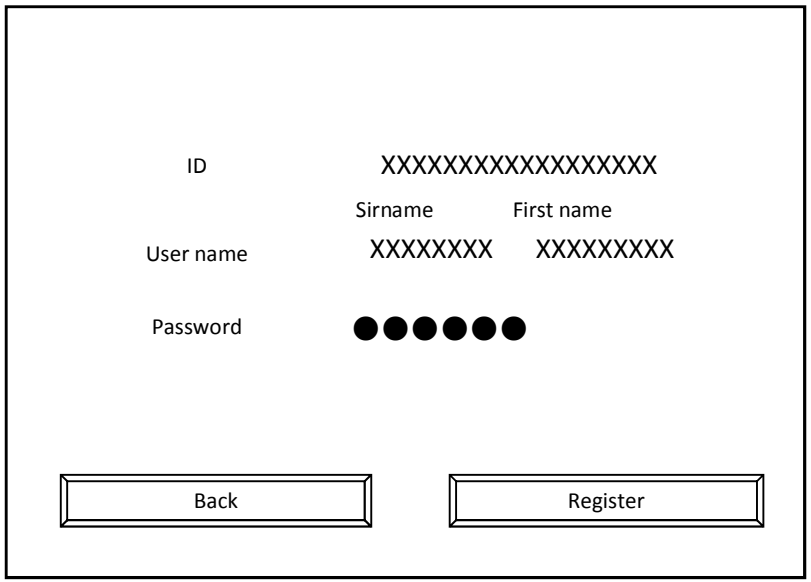


remark

register.php



register_confirmation.php



3.Database

3.1. UserTBL

User information(UT_USER)

INDEX	item	field	type	size	remark
PK,FX	userID	UID	INT	11	auto number
	userName(Sirname)	NAME1	VARCHAR	64	
	userName(Firstname)	NAME2	VARCHAR	64	
	Password	PWD	VARCHAR	128	half-width alphanumeric
	e-mail address	MAIL	VARCHAR	128	half-width alphanumeric
	Date	REGDATE	DATETIME		
	Upadate	UPDDATE	TIMESTAMP		

Appendix

Appendix 1 Thank you for your registration

Title Thank you for Your Registration

Text Dear **username**

Thank you for your registration !
Your account has been created and this email has been sent to your registered email address.
This e-mail message and attachments are sent from Easycom co., ltd.
If you have no clue about this information, please delete this message so that no one could r
forward, and reproduce. We appreciate your cooperation.

remark