



Design Test Plan

Team 2

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I. Test Case

1-1. Functional Level (Unit-Testing)

■ Register

	Input	Desired Output
1	Invalid email address	Pop-up message, “The email address is not valid” comes out.
2	The case ‘Password’ and “Confirm Password’ are not matched	Pop-up message, “Confirmation of password is not completed successfully” comes out.
3	Nickname already in use	Pop-up message, “The desired nickname is already in use” comes out.
4	Password contains unacceptable characters	Pop-up message, “Your password contains unacceptable characters” comes out. \,&,^{^,} are typical examples.
5	Correct ID, Password, and nickname	Pop-up message, “Your registration process has been completed successfully” comes out.

■ Log-in

	Input	Desired Output
1	Invalid ID	Pop-up message, “ID or Password is not correct.” comes out.
2	Invalid password	Pop-up message, “ID or Password is not correct.” comes out.
3	ID = (NULL)	Pop-up message, “Please enter a ID.” comes out.
4	Password = (NULL)	Pop-up message, “Please enter a password.” comes out.
5	Correct ID and Password	Pop-up message, “Log-in success.” comes out.

■ Search Photos / Photographers

	Input	Desired Output
1	Keyword which is not related to any photo(s).	Pop-up message, "There is no photo filtered by the keyword" comes out.
2	Keyword which matches with photos.	List of photos or photographers related to the keyword.

■ Upload Photos

	Input	Desired Output
1	The case that the capacity of a photo file exceeds the size limit	Pop-up message, "Upload photo less than 50MB" comes out.
2	The case that a capacity of photo(JPEG / BMP / JPG / PNG) is in the range of 50MB.	The User Interface shows uploaded photos in the page.
3	File type is not photo	Pop-up message," a photo file is acceptable only" comes out.
4	The photo which does not exceed the limitation and its type is also photo.	Pop-up message, "Successfully Uploaded." comes out and uploads photo.

■ Exchange Message between photographee & photographer

	Input	Desired Output
1	Input = (NULL)	No act
2	A message which exceeds the limitation of length.	A user is not allowed to put more letters in the input form if he/she already puts the maximum.
3	Correct message	It displays the history in the interface of a sender and receiver both.

■ Edit photo description

	Input	Desired Output
1	Description which exceeds the limitation of letters.	A user is not allowed to put more letters in the input form if he/she already puts the maximum.
2	Description which is not exceed the limitation of letters.	Display edited photo description.

■ Edit Profile

	Input	Desired Output
1	The size of self introduction which exceeds the limitation of the length	A user is not allowed to put more letters in the input form if he/she already puts the maximum.
2	The case that a capacity of profile photo(JPEG / BMP / JPG / PNG) is in the range of 50MB.	Pop-up message, “a photo file is acceptable only” comes out.
3	File type is not photo	Pop-up message, “a profile photo file is acceptable only” comes out.
4	The size of the photo which does not exceed the limitation and its type is also photo.	Display changed profile image.
5	The size of self introduction which does not exceed the limitation of the length	Pop-up message, “Introduction has been changed successfully!” comes out and display changed introduction
6	Edit a photographer’s location	Pop-up message, “Location has been changed successfully!” comes out and display changed location.

■ **Comments of photos**

	Input	Desired Output
1	The size of a comment exceeds the limit	A user is not allowed to put more letters in the input form if he/she already puts the maximum.
2	Comment = (NULL)	Pop-up message “Please type in letters” comes out
3	Comment(s) which its size does not exceed its limit	Pop-up message “Uploaded successfully.” comes out and display updated comments.

1-2. System Level

1-2-1. Scenario

■ Scenario 1-1:

1. Log-in as photographee.
2. Search photos, keyword is “Korea Univ.”
3. View photos and click one photographer.
4. Send a message to the photographer.

■ Scenario 1-2:

1. Log-in as photographer.
2. Check a message box.
3. Reply a message.

■ Scenario 2-1:

1. Log-in as photographee.
2. View photos.
3. Click “Like”.
4. Leave a Review.

■ Scenario 3-1:

1. Log-in as photographer.
2. Upload a file which extension is image file.
3. Edit a photo.
4. Delete a photo.

■ **Scenario 3-2:**

1. Log-in as a photographer.
2. Upload a file which extension is not image file.
3. Check error a message.
4. Upload a file which extension is image file but size is too big(over than 50MB).
5. Check error a message.

■ **Scenario 4-1:**

1. Log-in as photographer.
2. Access to Edit a profile.
3. Change profile photo.
4. Edit a profile description.

■ **Scenario 5-1:**

1. Enter a wrong ID
2. Check an error message.
3. Enter a correct ID with a wrong password.
4. Check an error message.

1-2-2. System Testing

■ Exchange Message between photographee & photographer

	Case	Desired Output
1	A lot of users send messages at the same time.	Pop-up message, “Please wait a minute” comes out.
2	A user sends lots of message in a short time.	Check the server reaction rate

■ View Photos

	Case	Desired Output
1	Photos are viewed from all different kinds of devices such as PDA, tablet, mobile phones, web.	A user can view photos in his/her own device.

■ View Profile

	Case	Desired Output
1	An information of a photographer and his/her grading is seen at the user interface.	The information is shown successfully in the interface.

■ Delete the photos

	Case	Desired Output
1	Deleting photo	Once the deleting process is completed, it should not be viewed anymore at the user interface.
2	Asking a question again whether a user really wants to delete a photo	Pop-up message, “Are you sure to delete this photo?” comes out.
3	Cancelling deleting photo	If a user does not want to delete a photo and click “cancel”, a photo

■ Grading photographers

	Case	Desired Output
1	Give a score(1~5) for reviewing the photo.	Check the reflected grade which is related to number of ‘Like’s &

	average score.
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■ Press “Like” button

	Case	Desired Output
1	Click ‘Like’ To the photo not clicked ‘Like’ yet.	Increment the number of ‘Like’
2	Click ‘Like’ To the photo clicked ‘Like’ already.	Decrement the number of ‘Like’

II. Test Plan

■ Alpha-Test (Inside Team)

- All Team members do the test refer to Test Scenario by themselves during 12/2~12/9.
- Receive feedback during the alpha test and update product.

■ Beta Test (Outside of Team)

- Distribute apk files to others and let them use the product during 12/10~12/16.
- Receive feedback during beta test and update product.