

**Design Test Case**

**Team 2**

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1. Design Test Case

Function(Unit-Testing)

* Register

|  |  |  |
| --- | --- | --- |
|  | Input | Expected 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 | Expected 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 | Expected 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 | Expected 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 size of 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 Messages between photographee & photographer

|  |  |  |
| --- | --- | --- |
|  | Input | Expected 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 | Expected 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 does not exceed the limitation of letters. | Display edited photo description. |

* Edit Profile

|  |  |  |
| --- | --- | --- |
|  | Input | Expected 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 | Expected 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. |

System Test

#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. Write 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.

#System Testing

* Exchange Messages between photographee & photographer

|  |  |  |
| --- | --- | --- |
|  | Case | Expected 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 | Expected 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 | Expected 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

|  |  |  |
| --- | --- | --- |
|  | Input | Expected Output |
| 1 | Deleting photo | When the process of a patch from the server has been 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 should not be deleted. |

* Grading photographers 기능

|  |  |  |
| --- | --- | --- |
|  | case | Expected Output |
| 1 | 리뷰 별점입력 | 점수가 제대로 반영되는지확인  -> 라이크수 누적수 & Avg(별점별 점수) |

* Press ‘Like’ button 좋아요 기능

|  |  |  |
| --- | --- | --- |
|  | case | Expected 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’ |

2. Plan

- alpha-Test(Inside Team)

All Team members do the test according to Test Scenario by themselves during 12/2~12/9

- beta-Test(Outside of Team)

Distribute apk files to others and let them use the product during 12/10~12/16