

# User Manual and Testing Plan

PlayHub

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Semester 2 of Academic Year 2022

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April 27, 2023

## Table of Contents

Testing Plan .....	1
Function: User create post.....	1
Input Equivalence Classes .....	1
Test Cases.....	2
Function: User search post by condition.....	9
Input Equivalence Classes .....	9
Test Cases.....	9
Function: User review participated appointment.....	11
Input Equivalence Classes .....	11
Test Cases.....	12
Function: Admin create advertisement.....	13
Input Equivalence Classes .....	13
Test Cases.....	14
Test Coverage Matrix.....	16
White-box Test Plan .....	16
User Manual.....	17
Function: Notification.....	17
Role: Host .....	17
Role: Participant.....	18
Limitations of The Implementation .....	20
Register and Login.....	20
Profile.....	20
Advertisement.....	20

## Testing Plan

Function: User create post

Input Equivalence Classes

Equivalent Class ID	Input	Validation
1	title is an empty string	invalid
2	title exceeds 100 characters	invalid
3	title isn't empty string and not exceeds 100 characters	valid
4	location is an empty string	invalid
5	location is an not an empty string	valid
6	start date & time is an empty string	invalid
7	end date & time is an empty string	invalid
8	start date & time is the time in the past	invalid
9	end date & time is the time in the past	invalid
10	end date & time is placed before start date & time	invalid
11	start date & time and end date & time is not empty string and start time is placed before end time	valid
12	no tag selected	invalid
13	more than 5 tags selected	invalid
14	1-5 tags selected	valid
15	description is an empty string	invalid

Equivalent Class ID	Input	Validation
1	title is an empty string	invalid
2	title exceeds 100 characters	invalid
3	title isn't empty string and not exceeds 100 characters	valid
4	location is an empty string	invalid
5	location is an not an empty string	valid
6	start date & time is an empty string	invalid
7	end date & time is an empty string	invalid
16	description exceeds 500 characters	invalid
17	description contain between 1 - 500 characters	valid

### Test Cases

Assume that

- User who create the post is a verified user.
- User is logged-in to the system.

Test Case ID	TC1-1	
Input(s)	title	<empty string>
	location	'Bangkok'
	start date & time	27/04/2023 12:00 am
	end date & time	27/04/2023 2:00 pm
	tag	['1','2','4']

	description	‘play board game with me’
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	1,5,11,14,17	

Test Case ID	TC1-2	
Input(s)	title	‘The following is the title of the longest post in playhub which contains more than 100 characters 0o0.’
	location	‘Bangkok’
	start date & time	27/04/2023 12:00 am
	end date & time	27/04/2023 2:00 pm
	tag	[‘1’,‘2’,‘4’]
	description	‘play board game with me’
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	2,5,11,14,17	

Test Case ID	TC1-3	
Input(s)	title	'This is the post name'
	location	<empty string>
	start date & time	27/04/2023 12:00 am
	end date & time	27/04/2023 2:00 pm
	tag	['1','2','4']
	description	'play board game with me'
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	3,4,11,14,17	

Test Case ID	TC1-4	
Input(s)	title	'This is the post name'
	location	'Bangkok'
	start date & time	<empty string>
	end date & time	<empty string>
	tag	['1','2','4']
	description	'play board game with me'
	image	[<image file>]
Expected Output	invalid	

Actual Output	invalid
Classes Covered	3,5,6,7,14,17

Test Case ID	TC1-5	
Input(s)	title	'This is the post name'
	location	'Bangkok'
	start date & time	27/04/1990 12:00 am
	end date & time	27/04/1990 2:00 pm
	tag	['1','2','4']
	description	'play board game with me'
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	3,5,8,9,14,17	

Test Case ID	TC1-6	
Input(s)	title	'This is the post name'
	location	'Bangkok'
	start date & time	27/04/2023 12:00 am
	end date & time	27/04/1990 2:00 pm
	tag	['1','2','4']

	description	‘play board game with me’
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	3,5,10,14,17	

Test Case ID	TC1-7	
Input(s)	title	‘This is the post name’
	location	‘Bangkok’
	start date & time	27/04/2023 12:00 am
	end date & time	27/04/2023 2:00 pm
	tag	
	description	‘play board game with me’
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	3,5,11,12,17	

Test Case ID	TC1-8	
Input(s)	title	‘This is the post name’
	location	‘Bangkok’



	start date & time	27/04/2023 12:00 am
	end date & time	27/04/2023 2:00 pm
	tag	['1','2','4','5','6','7']
	description	'play board game with me'
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	3,5,11,13,17	

Test Case ID	TC1-9	
Input(s)	title	'This is the post name'
	location	'Bangkok'
	start date & time	27/04/2023 12:00 am
	end date & time	27/04/2023 2:00 pm
	tag	['1','2','4']
	description	<empty string>
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	3,5,11,14,15	

Test Case ID	TC1-10	
Input(s)	title	'This is the post name'
	location	'Bangkok'
	start date & time	27/04/2023 12:00 am
	end date & time	27/04/2023 2:00 pm
	tag	['1','2','4']
	description	<501 characters length string>
	image	[<image file>]
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	3,5,11,14,16	

Test Case ID	TC1-11	
Input(s)	title	'This is the post name'
	location	'Bangkok'
	start date & time	27/04/2023 12:00 am
	end date & time	27/04/2023 2:00 pm
	tag	['1','2','4']
	description	<501 characters length string>
	image	[<image file>]
Expected Output	valid	
Actual Output	valid	

Classes Covered	3,5,11,14,17
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Function: User search post by condition

Input Equivalence Classes

Equivalent Class ID	Input	Validation
1	search message is an empty string	invalid
2	search message contain only '@'	invalid
3	search message start with '@'	valid
4	search message contain only '#'	invalid
5	search message start with '#' and following message is a tag	valid
6	search message start with '#' but following message is not tag	invalid
7	search message start with another character	valid

### Test Cases

Assume that

- User is logged-in to the system.

Test Case ID	TC2-1	
Input(s)	search message	['']
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	1	

Test Case ID	TC2-2	
Input(s)	search message	['@']
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	2	

Test Case ID	TC2-3	
Input(s)	search message	['@user']
Expected Output	valid	
Actual Output	valid	
Classes Covered	3	

Test Case ID	TC2-4	
Input(s)	search message	['#']
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	4	

Test Case ID	TC2-5	
Input(s)	search message	['#Party']
Expected Output	valid	
Actual Output	valid	

Classes Covered	5
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Test Case ID	TC2-6	
Input(s)	search message	['#notatag']
Expected Output	invalid	
Actual Output	valid	
Classes Covered	6	

Test Case ID	TC2-7	
Input(s)	search message	['boardgame']
Expected Output	valid	
Actual Output	valid	
Classes Covered	7	

Function: User review participated appointment

Input Equivalence Classes

Equivalent Class ID	Input	Validation
1	review score is between 1 (very bad) - 5 (excellent)	valid
2	review message is an empty string	invalid
3	review message exceeds 500 characters	invalid
4	review message contains 1 - 500 characters	valid
5	'Anonymous Rate' not chosen	valid
6	'Anonymous Rate' chosen	valid

## Test Cases

Assume that

- User who reviews the appointment is a person who participated in the appointment.
- The appointment was ended.
- User is logged-in to the system.

Test Case ID	TC3-1	
Input(s)	review score	5
	description	<empty string>
	is Anonymous	true
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	1, 2, 6	

Test Case ID	TC3-2	
Input(s)	review score	5
	description	<501 characters length string>
	is Anonymous	false
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	1, 3, 5	

Test Case ID	TC3-3	
Input(s)	review score	5

	description	'it's a good board game play'
	is Anonymous	true
Expected Output	valid	
Actual Output	valid	
Classes Covered	1, 4, 6	

Test Case ID	TC3-4	
Input(s)	review score	5
	description	'it's a good board game play'
	is Anonymous	false
Expected Output	valid	
Actual Output	valid	
Classes Covered	1, 4, 5	

Function: Admin create advertisement

Input Equivalence Classes

Equivalent Class ID	Input	Validation
1	owner is an empty string	invalid
2	owner isn't an empty string	valid
3	advertisement's duration not selected	invalid
4	advertisement's duration selected	valid

Equivalent Class ID	Input	Validation
5	advertisement's image not added	invalid
6	advertisement's image added	valid

### Test Cases

Assume that

- Admin is logged-in to the system.

Test Case ID	TC4-1	
Input(s)	owner	<empty string>
	duration	'1 day'
	image	<image file>
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	1, 4, 6	

Test Case ID	TC4-2	
Input(s)	owner	'Myname Isowner'
	duration	<empty string>
	image	<image file>
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	2, 3, 6	



Test Case ID	TC4-3	
Input(s)	owner	'Myname Isowner'
	duration	'1 day'
	image	<no image file>
Expected Output	invalid	
Actual Output	invalid	
Classes Covered	2, 4, 5	

Test Case ID	TC4-4	
Input(s)	owner	'Myname Isowner'
	duration	'1 day'
	image	<image file>
Expected Output	valid	
Actual Output	valid	
Classes Covered	2, 4, 6	

### Test Coverage Matrix

Function ID	Function Name	Test cases ID	Status
1	User create post	TC1-1, TC1-2, TC1-3, TC1-4, TC1-5, TC1-6, TC1-7, TC1-8, TC1-9, TC1-10, TC1-11	P, P, P, P, P, P, P, P, P, P, P
2	User search post by condition	TC2-1, TC2-2, TC2-3, TC2-4, TC2-5, TC2-6, TC2-7	P, P, P, P, P, F, P
3	User review participated appointment	TC3-1, TC3-2, TC3-3	P, P, P
4	Admin create advertisement	TC4-1, TC4-2, TC4-3, TC4-4	P, P, P, P

### White-box Test Plan

- update user national ID

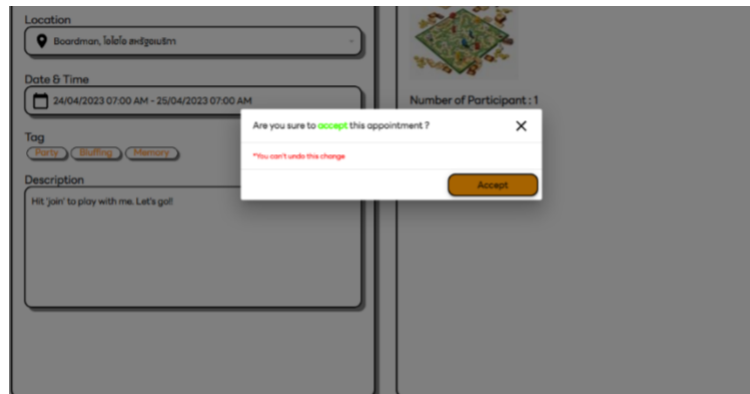
## User Manual

Function: Notification

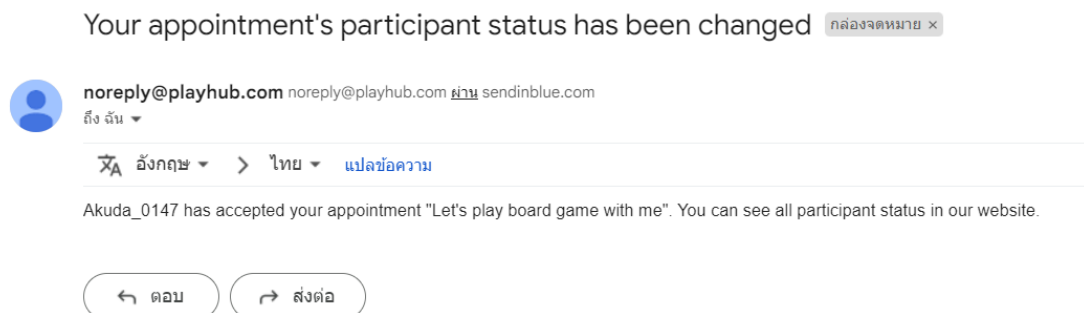
Role: Host

Instruction

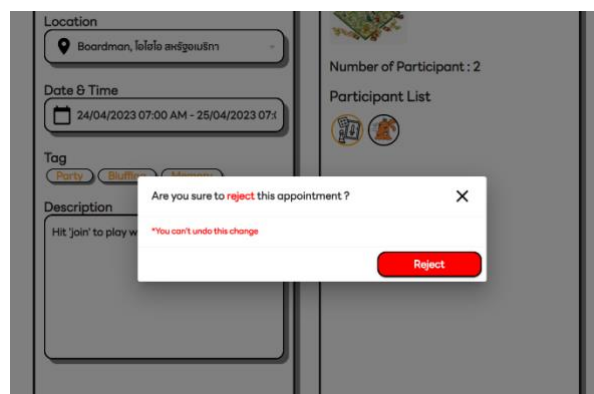
1. Participant accepts the appointment.



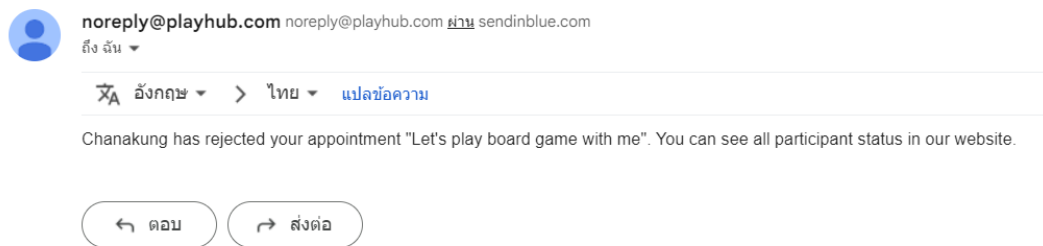
2. After the participant accepts the appointment, an email will be sent to the host.



3. Participant rejects the appointment.



- After the participant rejects the appointment, an email will be sent to the host.

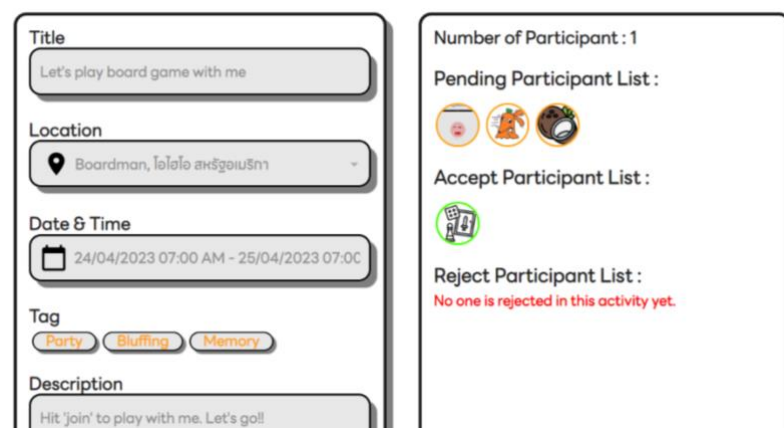


Function: Notification

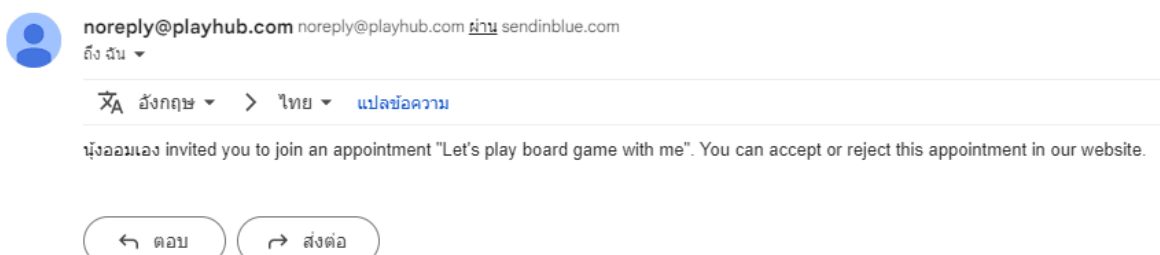
Role: Participant

Instruction

- Host select participants to join the appointment.



- After host has selected the participants, an email will be sent to participants.



## 3. Host end appointment.

20/04/2023 07:00 AM - 21/04/2023 07:00


Tag

Party Bluffing Memory


Description

Hit 'join' to play with me. Let's go!!

Image

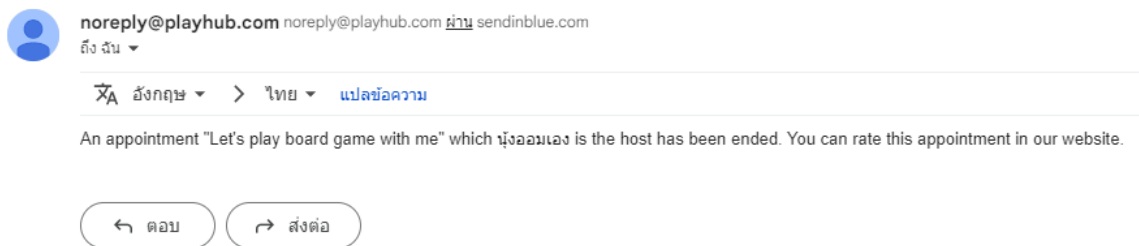


Reject Participant List :



End

## 4. After host ends the appointment, an email will be sent to participants



## Limitations of The Implementation

### Register and Login

- Background of login page delays.

### Profile

- Verify process is using only basic information therefore identity disguise could happen.

### Advertisement

- Admin cannot edit, update, and delete advertisement in the system.