

Global Classroom Test Plan and Test Results Document

Project Title:
PawGo

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Testers:
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Version Number: 2.0

Change History

Date	Author	Version	Comments
25/03/2022	Yushun	1.0	Test Google login and user initialization function.
01/04/2022	Yushun	1.1	Test user profile, dog profile edit function and connection between front-end, back-end and database.
08/04/2022	Yushun	1.2	Test dog profile update, dog profile remove, and auto fresh after edited the user or dog profile
15/04/2022	Yushun	1.3	Test matchmaking system, match card information display and loading sequence, test user like me page information display, loading sequence and after add new liked user auto fresh.
22/04/2022	Yushun	1.4	Test matchmaking system match card random loading, search function and some bug fixed test.
27/04/2022	Yushun	2.0	Final testing, integration Testing, system testing and set up user acceptance testing.

Release Criteria

[Set with agreement with the team leader and checking back to the customer if necessary]

A: System failure
B: Module failure
C: Minor Failure
D: Cosmetic Issue

Related Documents

Document Title	Author(s)	Description
Project plan	Everyone	Test plan, risk management and project workflow.
Design document	Everyone	System requirement, UML, UI design.

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Test Strategy:

Several factors to consider when making the test plan:

1. Agile development methodology

This project is following the agile development methodology, testing will be considered in the process of implementing each function, when a test is finished, it also means that the function development is completed.

2. Testing process

During each function development process, we will conduct the unit test to that function for class, module, and API.

When some specific function is completed, it will be tested as a small integration test by conducting black box testing and white box testing.

When the whole system is finished, we will collect all unit tests and run integration tests, system tests and user acceptance tests.

3. Testing method and purpose

Unit test:

During the function development process, the developer will conduct the unit test, the main purpose is to test whether the class function or API is working properly.

Black box test:

When we complete a specific function, such as adding users or updating users function, we will give the software to people outside the project team for black-box testing.

The purpose of this is to simulate the experience and feelings of real users when using software functions, and get feedback or bugs when users use the application.

White box test:

When we complete a specific function, conduct the white box testing by developers who do not develop this function.

The purpose of this is to let our developers test the finished function to find some defect or bug which may not occur during the unit test and black box test.

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Test Plan:

Number	Module	Description
1	Google login	Users must be able to login through their Google account.
2	User initialization	First time login, the system will ask the username to initialise the account.
3	Edit user profile	Users must be able to change their profile details(picture, name, age, email, description)
4	Create Dog Profile	Users must be able to create a new profile for their dog(name, age, breed, hobby, personality)
5	Local backend server connects with MongoDB Atlas.	Local node.js server can connect with MongoDB Atlas.
6	Frontend connect with local backend	Front-end can connect with the local back-end node.js server.
7	Frontend connect with Heroku	Front-end can connect with Heroku(deploy the local node.js server to Heroku)
8	Dog profile update	Users must be able to create a new profile for their dog(name, age, breed, hobby, personality)
9	Dog profile remove	Users must be able to create a new profile for their dog(name, age, breed, hobby, personality)
10	Profile page auto refresh	After editing the user profile or dog profile, the main profile page can auto refresh.
11	Matchmaking system display	With a fake data matchmaking system can display properly, the function on the match card can work properly.
12	Match card display	Match cards can display the correct information.
13	Matchmaking system loading	When finished one round, restarting the next round can load properly.
14	User like me page information display	Users liked page can display the user and information properly.
15	User like me page loading sequence and empty inform	After adding the liked user from the matchmaking system, users liked page can load properly, and when the user like me page is empty, it will display the appropriate message.
16	Match card random loading	Matchmaking system can randomly load the user from the database.
17	Search function	Search function can search by dog breed and return the correct result.

Test Results Summary:

[Put the results of the final test prior to release]

Type	Count	List of test numbers failed
A	15	0
B	2	1
C		
D		

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Test Results:

Number	Test Implemented by	Test Completed by	Date of completion	Success/Failure	Description (if failure)
1	Panagiotis Bampilis	Panagiotis Bampilis	25/03/2022	Success	
2	Panagiotis Bampilis	Panagiotis Bampilis	25/03/2022	Success	
3	Panagiotis Bampilis	Panagiotis Bampilis	01/04/2022	Success	
4	Kim Thai	Kim Thai	01/04/2022	Success	
5	Yushun Zeng	Yushun Zeng	01/04/2022	Success	
6	Yushun Zeng	Yushun Zeng	01/04/2022	Success	
7	Yushun Zeng	Yushun Zeng	01/04/2022	Success	
8	Yushun Zeng	Yushun Zeng	08/04/2022	Success	
9	Yushun Zeng	Yushun Zeng	08/04/2022	Success	
10	Chak Ngai Wan	Chak Ngai Wan	08/04/2022	Failure	After editing the user profile or dog profile, user desc will not auto fresh.
11	Panagiotis Bampilis	Panagiotis Bampilis	15/04/2022	Success	
12	Panagiotis Bampilis	Panagiotis Bampilis	15/04/2022	Success	
13	Yushun Zeng	Yushun Zeng	15/04/2022	Success	
14	Yushun Zeng	Yushun Zeng	15/04/2022	Success	
15	Yushun Zeng	Yushun Zeng	15/04/2022	Success	
16	Yushun Zeng	Yushun Zeng	22/04/2022	Success	
17	Panagiotis Bampilis	Panagiotis Bampilis	22/04/2022	Success	