

Sprint 1 Test Report

1.Design test cases

Please visit [Sprint 1 Test Cases](#) .

2.Execute test cases

Test plans and test cases are created and maintained in Pingcode - testhub.

- Test report of the function test:

Report basic information

142

Number of use cases

80.23 %

Use case coverage

85.92 %

Use case pass rate

0

Number of defects

Test library: UG_SaltyFish_Sprint1

Test Plan: sprint1

Starting timeApril 12, 2021

End Time: April 22, 2021

status: completed

principal: CZ Chengyu Zhang

Associated projects:

Associated iteration:

Report summary:

no

Use case result distribution

通过

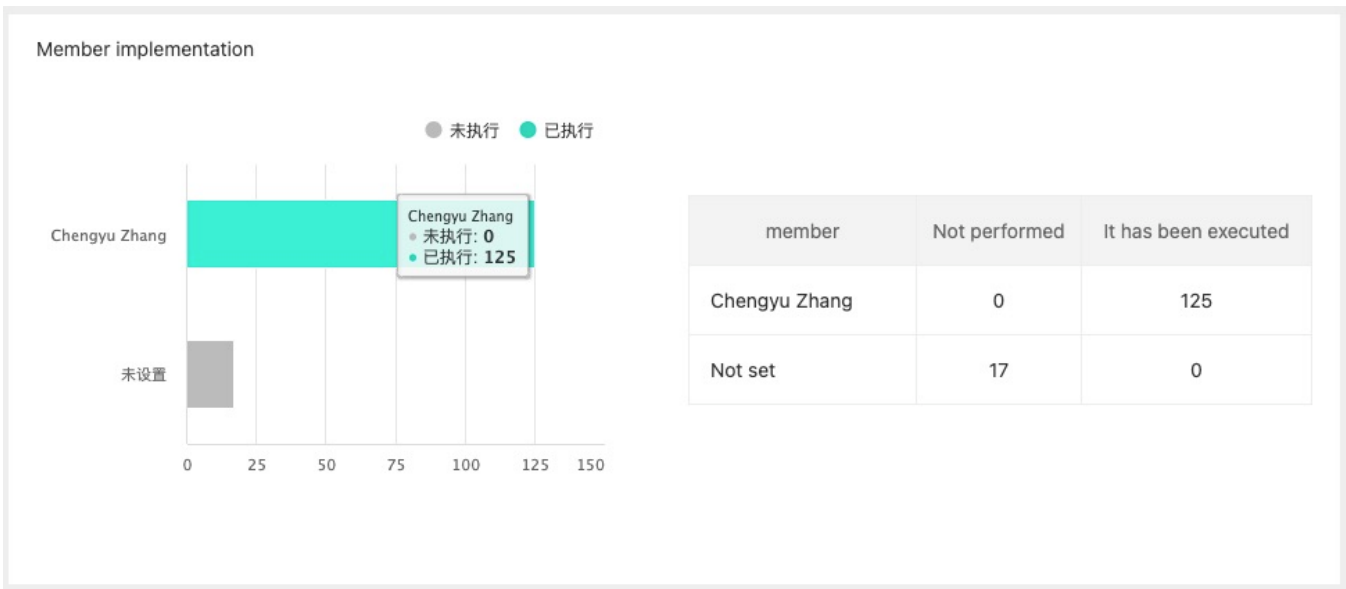
受阻

失败

跳过

未测

result	Number of use cases	Percentage
✓ by	122	85.92%
→ Blocked	0	0%
✖ failure	3	2.11%
→ jump over	0	0%
? Untested	17	11.97%



3.System test and regression test

- Different status of test cases:

Status of a test case	Description
Passed (P)	Actual results exactly match the expectations.
Failed (F)	This may contain some sub-conditions. On one hand, actual results do not match initial expectations; On the other hand, actual results match the expected outputs but cause other problems. Defects need to be logged and tracked.
Unprocessed (UP)	Test cases that have not been executed yet. This is the default status.
In Progress (IP)	Test cases have been put into process, but not all steps have been finished.
Investigating (I)	Test cases have been executed and corresponding outputs are generated. However, it is hard to decide at the first glance whether these cases are passed or not. Needs additional discussion.
Blocked (B)	Test cases cannot be executed because of blocking issues.

- Severity levels of a defect

Severity	Description
Serious (S)	Cannot perform normal work functions or important functions. Or endanger personal safety.
Major (Ma)	Seriously affect the realization of system requirements or basic functions, and there is no way to correct it.
Minor (Mi)	Seriously affect the realization of system requirements or basic functions, but there are reasonable correction methods.
Cosmetic (C)	It makes the operator inconvenient or troublesome, but it does not affect the execution of work functions or important functions.
Could Ignore (CI)	Defects that out of the scope of Sprint 1, or defects that would not cause any problem in most cases.
Pass (P)	Pass without any defects.

- Requirement traceability matrix (RTM):

Initial version created on 10th, April, 2021.

Test Name	User Story ID	Statues	Defect	Description
Forget password	1	Unprocessed	/	
Google login	2-1	In process	/	

Facebook login	2-1	Unprocessed	/	
Delete sections	3	In process	/	
Reset page	4	Failed	Major	Cannot successfully redirect users to the reset page is not working, logging 'no route is found'.

- **Regression process:**

The second version on 15th, April, 2021.

Test Name	User Story ID	Statuses	Defect	Description
Google login	2-1	In process	/	
Facebook login	2-1	In process	/	
Delete sections	3	Pass	Cosmetic	Default state: All sections are selected to show as a default state.
Reset page	4	Failed	Minor	Cannot reset only one attribute. e.g. If one user only resets password and clicks submit, the system would show message 'email already registered'.

The third version on 20th, April, 2021.

Test Name	User Story ID	Statuses	Defect	Description
Google login	2-1	Failed	Minor	'Google login' could be seen on every page. Actually, it can only be seen on 'Login' page.
Facebook login	2-1	Investigating	Cosmetic	UI design of the 'Facebook login' button is a bit ugly.
Delete sections	3	Pass	Pass	Requirements have been met successfully.
Reset page	4	Pass	Pass	Requirements have been met successfully.

The final version on 25th, April, 2021.

Test Name	User Story ID	Statuses	Defect	Description
Google login	2-1	Pass	Could Ignore	Account would not be frozen if the user input incorrect passwords for more than three times. This may result account vulnerable to brute force decryption, but it is not covered in the scope of our project.
Facebook login	2-1	Pass	Could Ignore	Account would not be frozen if the user input incorrect passwords for more than three times. This may result account vulnerable to brute force decryption, but it is not covered in the scope of our project.
Delete sections	3	Pass	Pass	Requirements have been met successfully.
Reset page	4	Pass	Pass	Requirements have been met successfully.

4. Internal acceptance test (Alpha test)

Our team conducted the alpha test during our sprint 1 review meeting on 26th, April, 2021. In the process, we went through the sprint 1 test cases to see if all functions are met in high level of quality. As a result, there is no severe functional defects left, except an unrealized security related function which is not only has low priority but also out of the scope of sprint 1. Therefore, the team decided to move to next step.

5. User acceptance test (Beta test)

Beta test is an important step in our testing plan. Once passed the user acceptance test, our product could be regarded as quality guaranteed and could be released and put into actual use. In this step, the team invited two second-year master students of UoM who act as client representatives to a user acceptance test meeting on 27th, April, 2021. Images below are the screenshots of the invitation:

[Wechat invitation.jpeg](#) [Meeting information.png](#)

The testing lead used Wechat to invite client representatives to attend the beta testing meeting. It seems a bit informal, especially that the conversation is in Chinese but translated into English. This is because the two client representatives prefer to communicate in Chinese, and both of them are close friends of one of the team members, so the team does not pay additional attention to politeness. When communicating with other big stakeholders, the team would use more formal methods such as sending a formal meeting invitation email attached with a calendar. Whatever, the meeting has been successfully held, and both two client representatives offered many valuable suggestions, which are recorded in the user acceptance test meeting notes below.

Please visit [User acceptance test \(Beta test\) Meeting 27/4](#) .