

# Sprint 1 Testing

## Unit Testing

In this sprint, we focus more on the functionalities of the system other than its user experience. Therefore, for the automatic tests, we used Jest for functional tests. We will move to Cypress for UI testing in the next sprint.

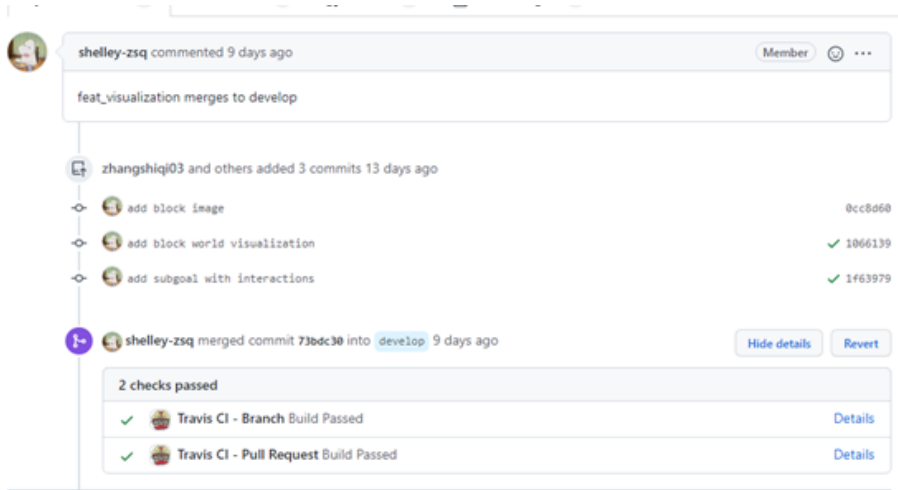
Unit Testing in local workplace with Jest:

```
RUNS src/tests/App.test.js
RUNS src/pages/PageOne/dropAndFetch.test.js
RUNS src/pages/PageOne/dragAndDrop.test.js

Test Suites: 0 of 3 total
Tests:       0 total
Snapshots:   0 total
Time:        1 s, estimated 6 s
```

```
Test Suites: 3 passed, 3 total
Tests:       4 passed, 4 total
Snapshots:   0 total
Time:        8.469 s
Ran all test suites.
```

Automatic Unit Testing on github with Travis:



## System Testing

In Sprint one, we did one system testing in total since all the features are rather small and independent. We will do more system testing in the next sprint.

The tester is assigned by QA leader

### System Testing Form

Date:	Tester:
11 Sep 2021	Bojing Zhou

<b>Environment:</b>		
Windows 10, Google Chrome		
<b>Severity</b>	<b>Problem details</b>	<b>Fix before</b>
<b>P0</b>	<input checked="" type="checkbox"/> TC02-1 Error occurs when it's overtime, should catch the error and show an alert to user Felipe Ramos Morales	14 Sep 2021
<b>P1</b>	<input checked="" type="checkbox"/> TC07-1 The steps don't change when the subgoal changes Shiqi ZHANG	14 Sep 2021
<b>P2</b>	<input checked="" type="checkbox"/> Buttons layout needs adjusting Bojing Zhou	14 Sep 2021
	<input checked="" type="checkbox"/> Buttons spacing should be larger XIAOYU ZHANG	14 Sep 2021
	<input checked="" type="checkbox"/> Height of Animation page should be responsive Ziqi Meng	14 Sep 2021
<b>Notes:</b> 15 Sep 2021 Problems are solved. Has passed all the tests <a href="#">Bojing Zhou</a>		

## User Acceptance Testing

This test was conducted before the client meeting at the end of the sprint one on 15 Sep 2021

### Resources

The display of pages may vary in different operating systems and browsers, so in the user acceptance testing the team tested the system in different resources.

- Operating Systems:
  - OS X: 11.5
  - Windows 10
  - Linux: Ubuntu
- Browsers:
  - Chrome
  - Firefox
  - Safari

### Test documentation

All test cases are documented within Confluence [Testing Document](#).

### Error Reporting

Failures or bugs are directly reported to the responsible developer and are fixed immediately.

### User Acceptance Testing Form

Roles & Responsibilities		
Name	Role	Responsibilities
<a href="#">Bojing Zhou</a>	QA leader	Test documentation work
<a href="#">Felipe Ramos Morales</a>	Tester	Testing on Ubuntu, Firefox
<a href="#">Shiqi ZHANG</a>	Scrum Master	Managing UAT test
<a href="#">XIAOYU ZHANG</a>	Tester	Testing on OS X, Safari
<a href="#">Ziqi Meng</a>	Tester	Testing on Windows, Chrome

Test Results			
Test Case ID	Result	Tester	Note
TC01-1	Passed	Ziqi Meng	
TC01-2	Passed	Ziqi Meng	
TC02-1	Passed	Ziqi Meng	
TC02-2	Passed	Ziqi Meng	
TC02-3	Passed	Felipe Ramos Morales	
TC02-4	Passed	Felipe Ramos Morales	
TC02-5	Passed	Felipe Ramos Morales	
TC02-6	Passed	Felipe Ramos Morales	
TC03-1	Passed	Xiaoyu Zhang	
TC03-2	Passed	Xiaoyu Zhang	
TC06-1	Passed	Xiaoyu Zhang	
TC06-2	Passed	Xiaoyu Zhang	
TC07-1	Passed	Ziqi Meng	
TC08-1	Passed	Felipe Ramos Morales	
TC10-1	Passed	Xiaoyu Zhang	

Signature		
Name	Signature	Date
Shiqi Zhang		15/9/2021
Xiaoyu Zhang		15/9/2021
Bojing Zhou		15/9/2021

Felipe Ramos Morales		15/9/2021
Ziqi Meng		15/9/2021