

FINAL PROJECT

G14

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108525007 黃程意



OUTLINE

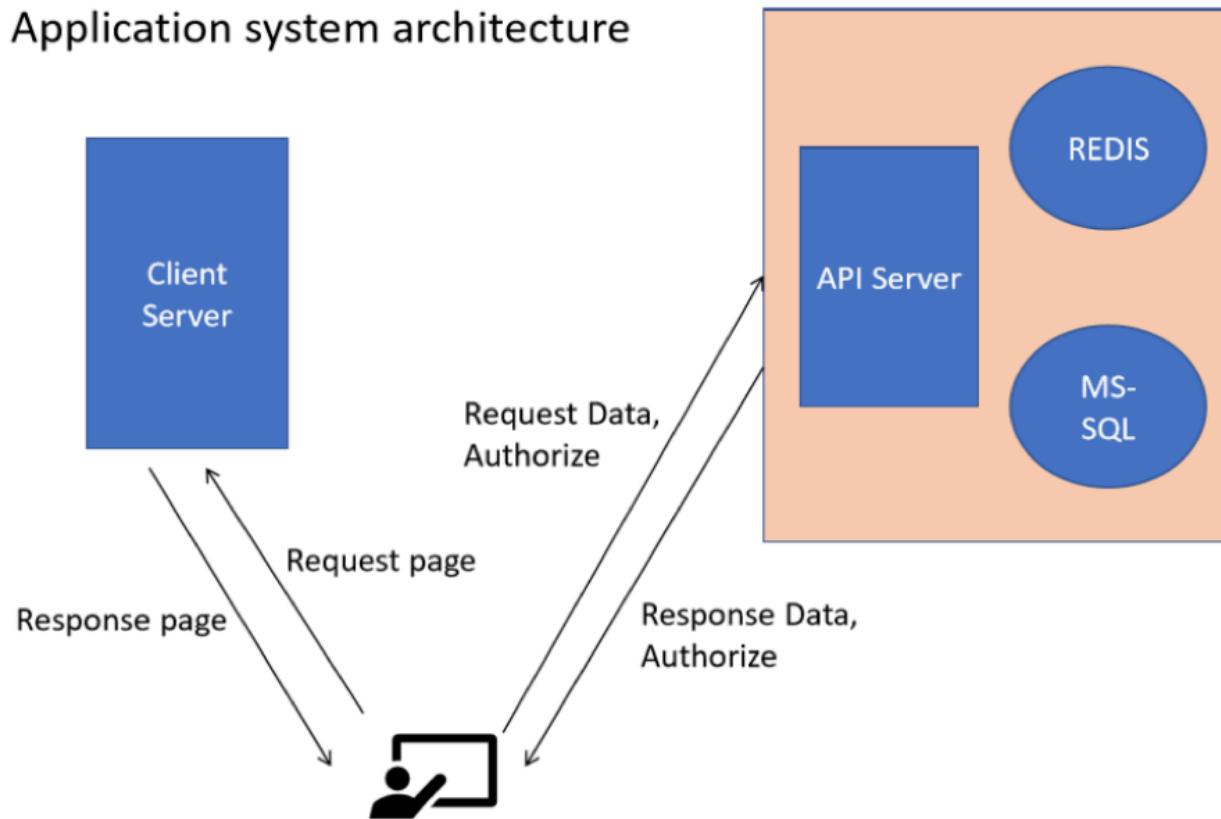
1. Feature of the SUT
2. System architecture
3. Test architecture
4. Test cases
5. Jenkins setting
6. Jenkins logs
7. Bugs and issue tracking (with KORAT logs)
8. Repository logs
9. Test trend
10. Demo

FEATURE OF THE SUT

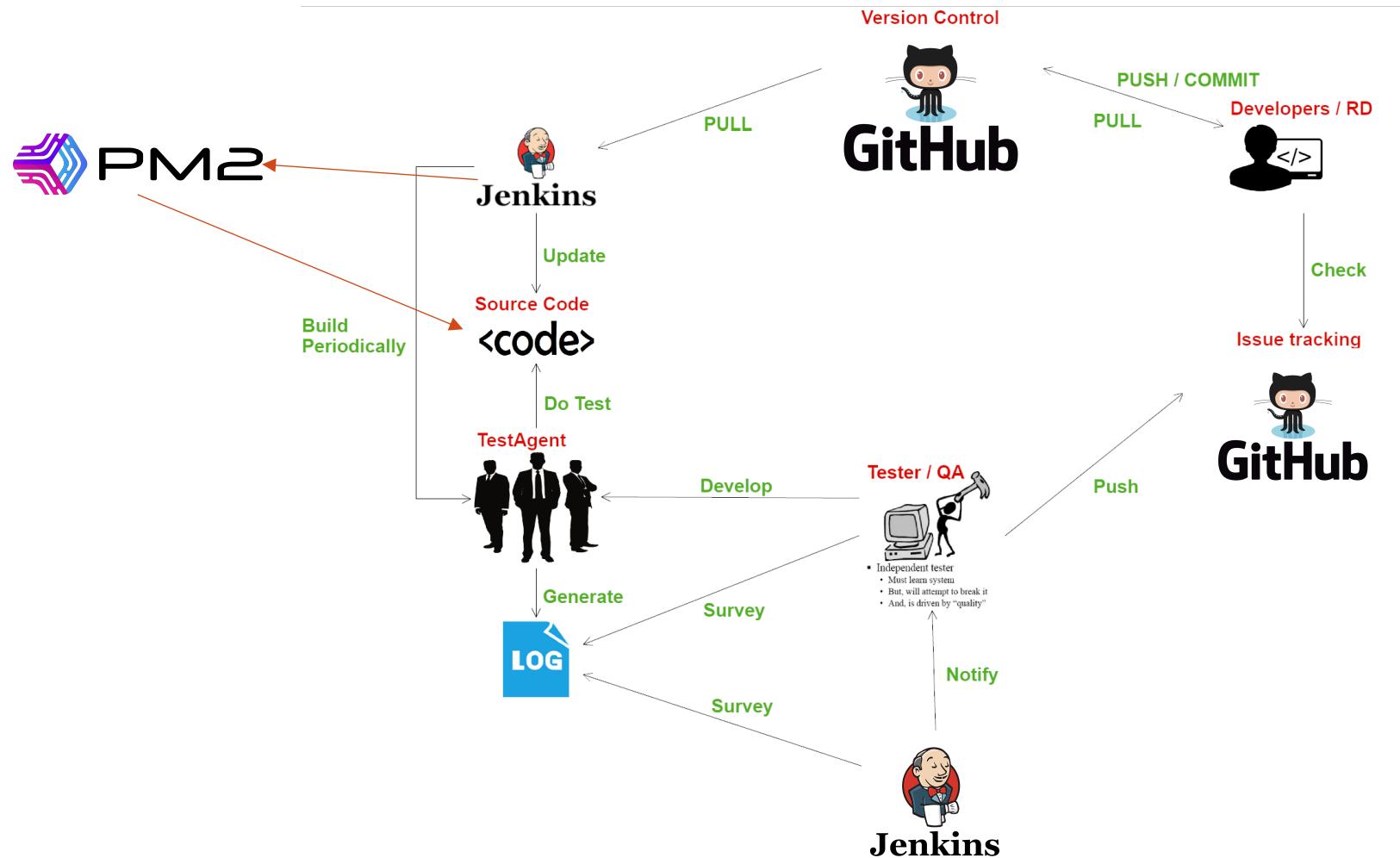
- 電錶監控網頁，有登入、權限管理、歷史紀錄、實時監控
- 並且可以透過註冊申請帳號後使用系統即時監看後台資料已得知目前最新狀況

SYSTEM ARCHITECTURE

Single Page Application system architecture

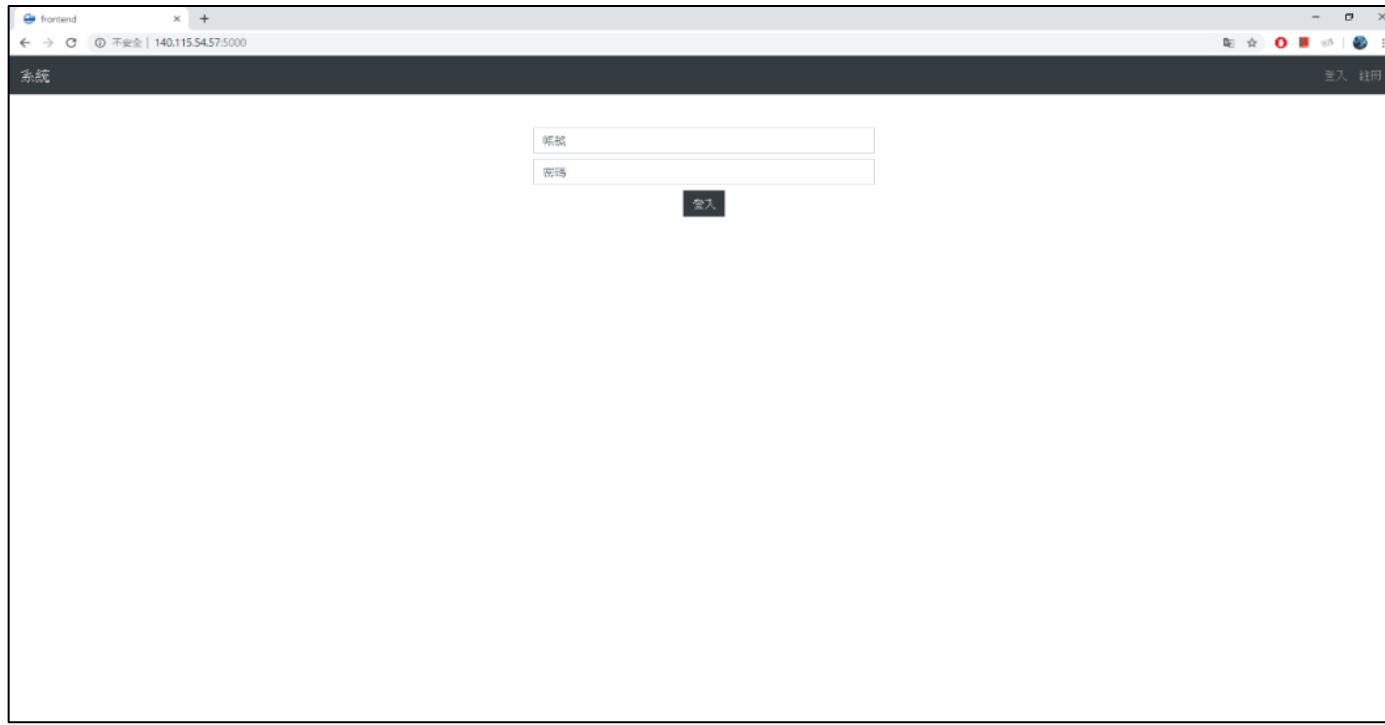


TEST ARCHITECTURE



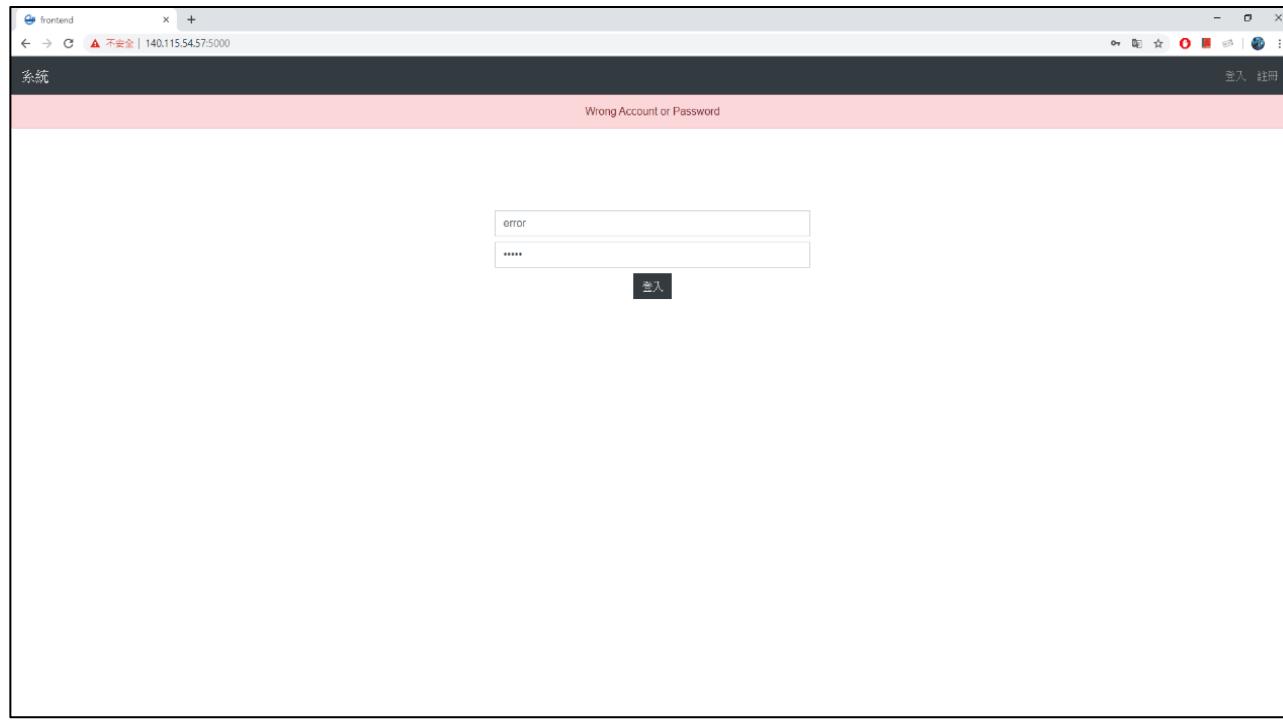
TEST CASES

- Case 1：測試URL連結以及登入頁面
- 動作：輸入URL並且導向至該網站
- 預期結果：看到登入頁面



TEST CASES(CONT.)

- Case 2：測試輸入錯誤密碼的機制
- 動作：輸入錯誤帳號密碼
- 預期結果：看到錯誤資訊



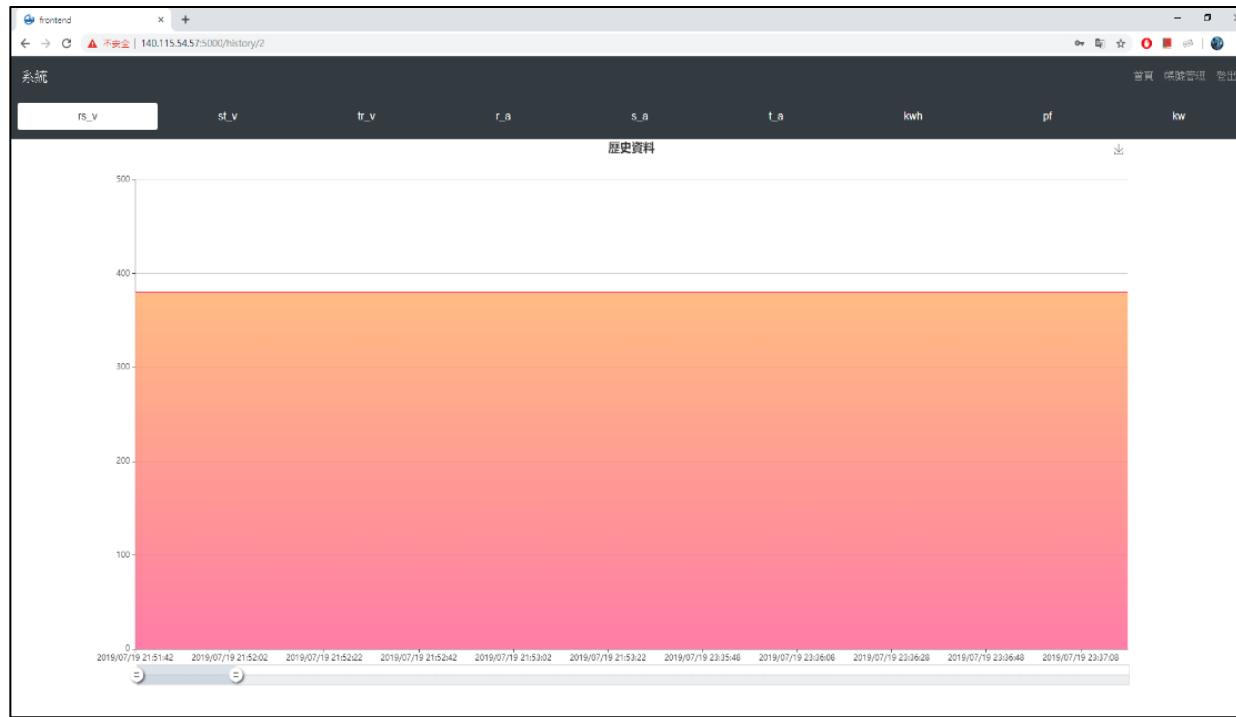
TEST CASES(CONT.)

- Case 3：測試登入後頁面
- 動作：輸入正確的密碼進行登入
- 預期結果：看到Home page

Tagname	Site	Kwh	Kw	St V	Rs V	Tr V	R A	S A	T A	P f	時間
A1	N1	908	353	380	380	380	119	478	804	916	2019/7/16 16:12:10
A2	N1	249	520	380	380	380	977	330	842	802	2019/7/16 16:12:10
A3	N1	476	528	380	380	380	964	526	999	622	2019/7/16 16:12:10
A4	N1	92	982	380	380	380	329	402	57	958	2019/7/16 16:12:10
A5	N1	850	520	380	380	380	275	879	933	497	2019/7/16 16:12:10
A6	N1	698	790	380	380	380	747	566	756	264	2019/7/16 16:12:10
A7	N1	83	384	380	380	380	771	594	151	600	2019/7/16 16:12:10
A8	N1	304	454	380	380	380	907	795	397	908	2019/7/16 16:12:10
A9	N1	748	992	380	380	380	657	176	128	172	2019/7/16 16:12:10

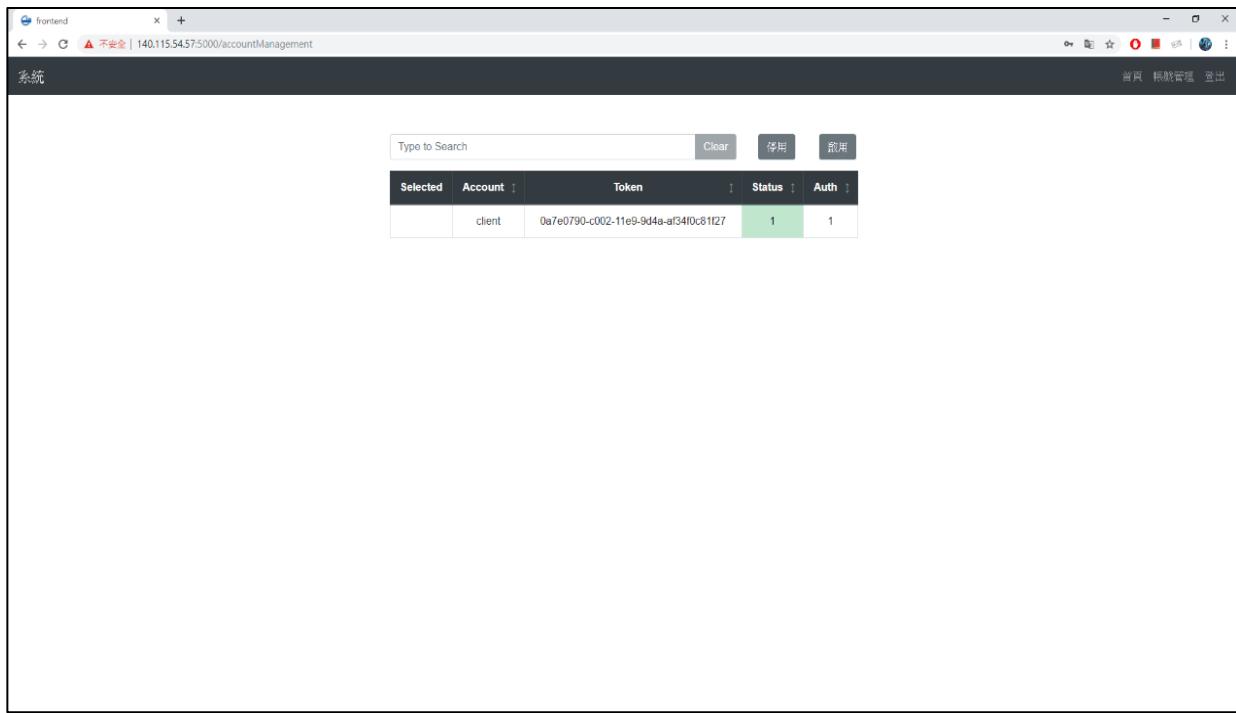
TEST CASES(CONT.)

- Case 4：測試歷史資料
- 動作：點擊任一點查看歷史資料
- 預期結果：看到History page



TEST CASES(CONT.)

- Case 5：測試帳號管理頁面
- 動作：進入帳號管理頁面
- 預期結果：看到帳號列表

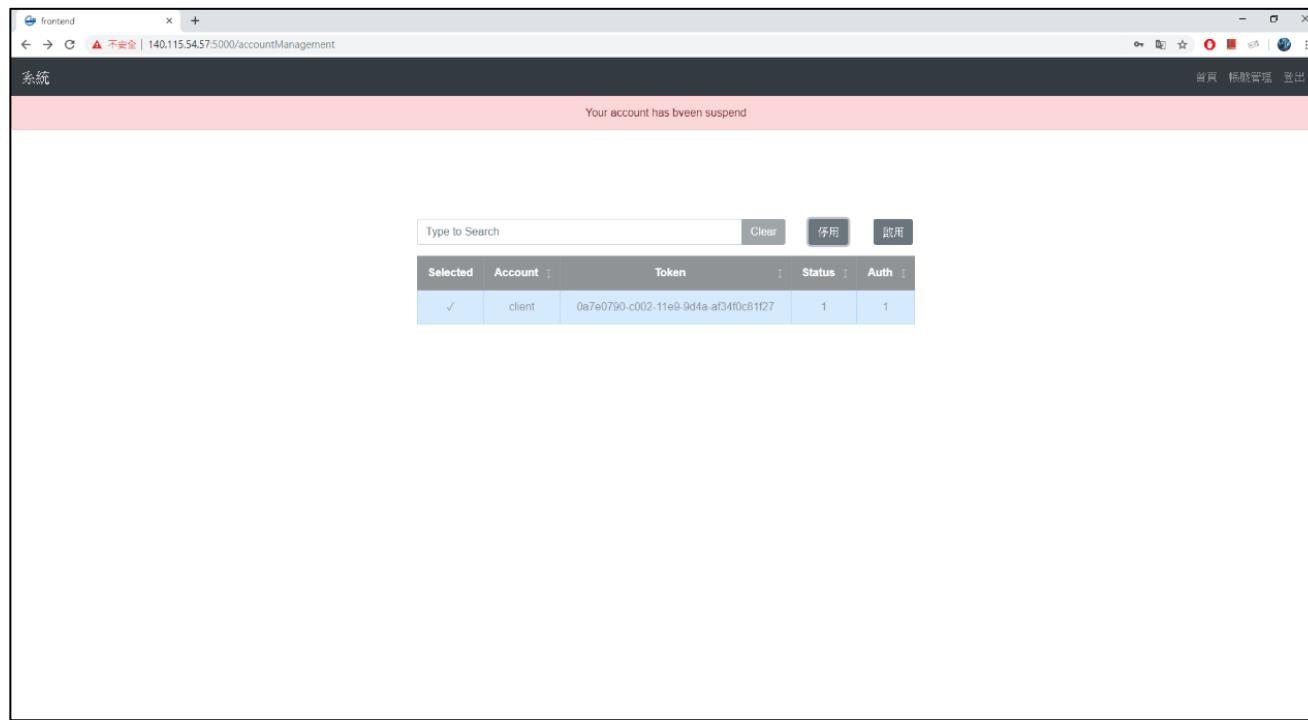


A screenshot of a web browser window titled "frontend". The address bar shows the URL "140.115.54.57:5000/accountManagement". The page content is a table titled "系統" (System) with the following data:

Selected	Account	Token	Status	Auth
	client	0a7e0790-c002-11e9-9d4a-af34f0c81f27	1	1

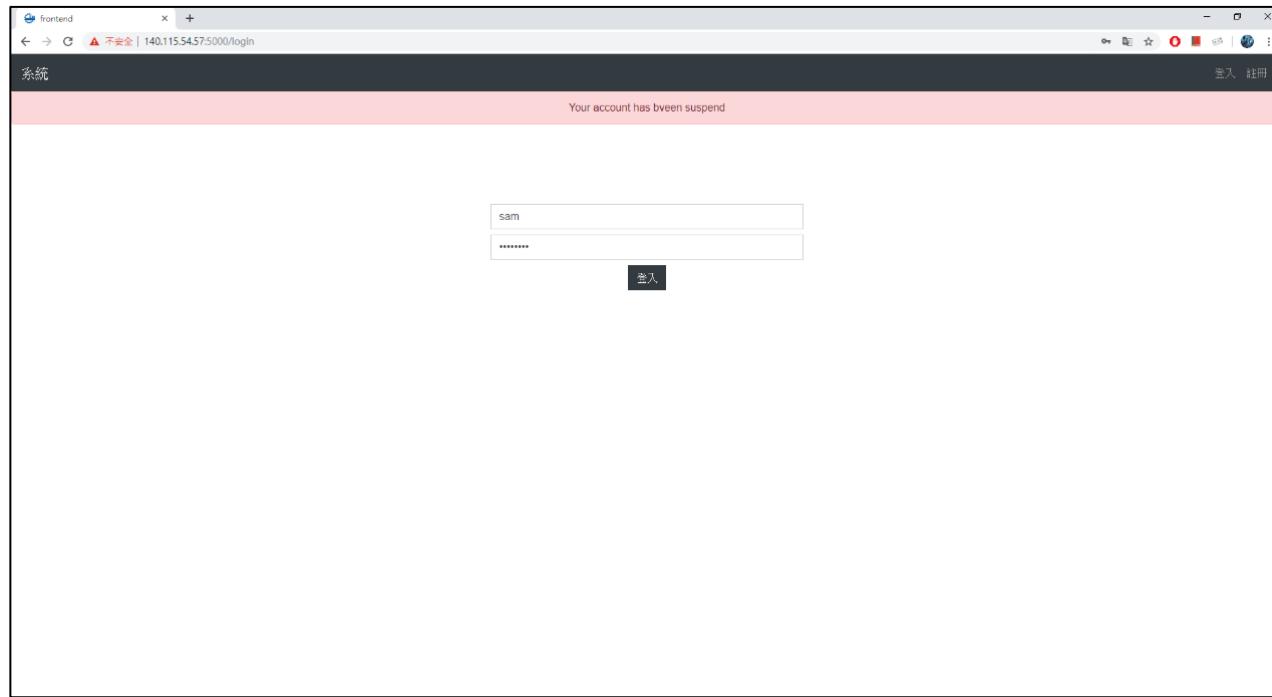
TEST CASES(CONT.)

- Case 6：測試停用功能介面以及登入中警示
- 動作：選擇並且停用自己的帳號
- 預期結果：看到已經被禁止的警示



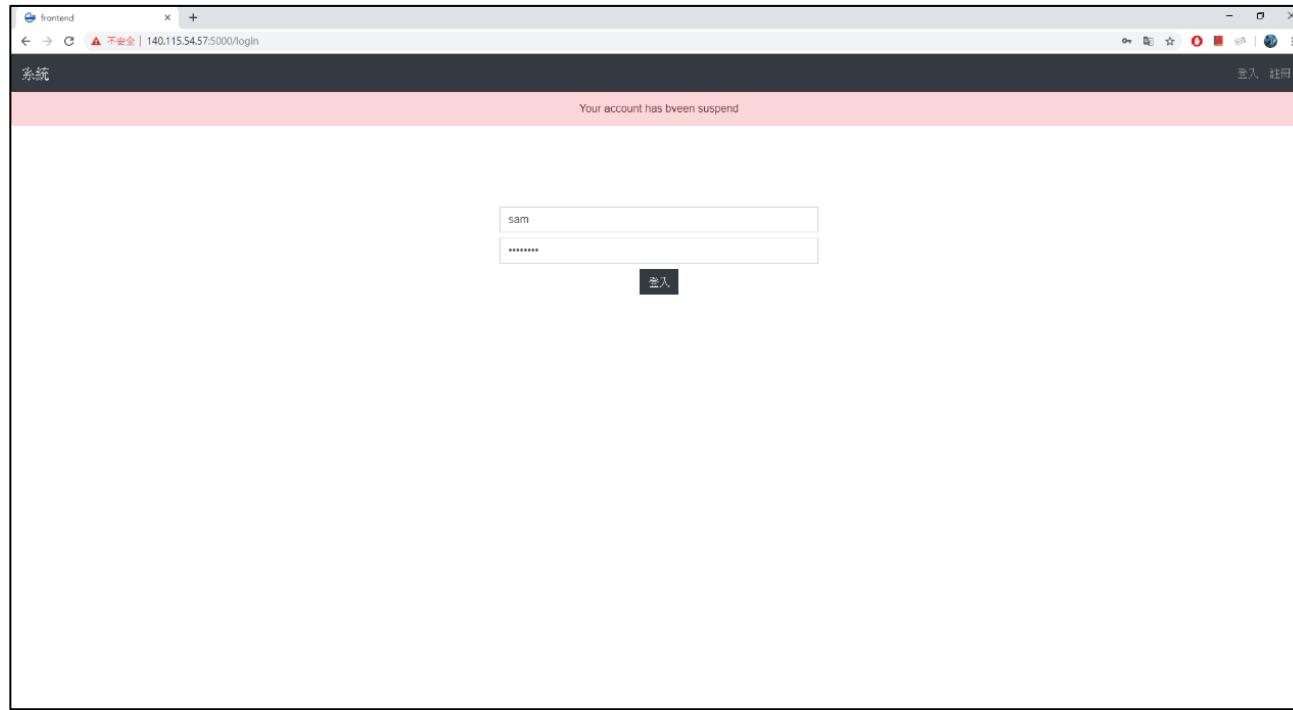
TEST CASES(CONT.)

- Case 7：測試登出功能
- 動作：登出剛剛的帳號
- 預期結果：回到登入畫面



TEST CASES(CONT.)

- Case 8：測試停用功能結果
- 動作：登入被禁止的帳號
- 預期結果：被禁止無法登入的紅字（不是帳號密碼錯誤）



TEST CASES(CONT.)

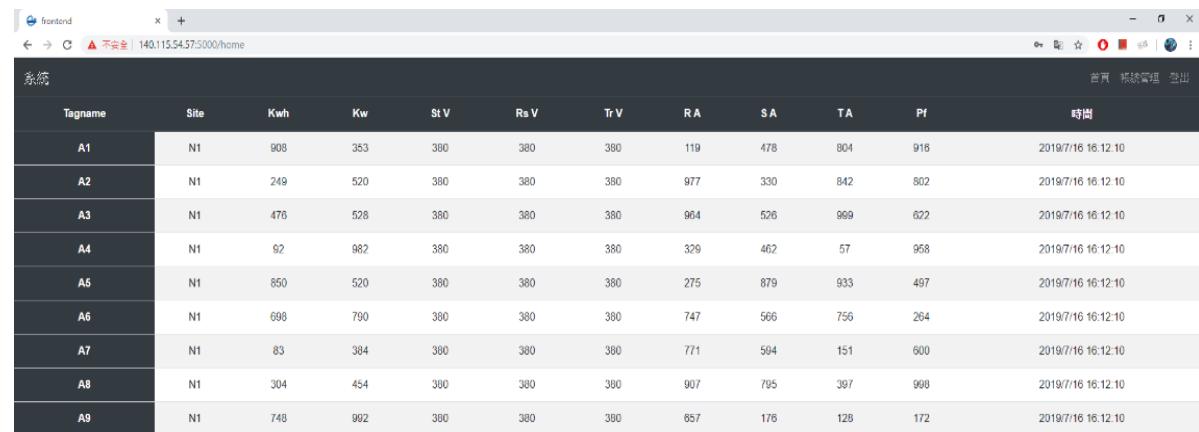
- Case 9：測試啟用功能頁面
- 動作：登入別的帳號並且啟用原本被禁止的帳號
- 預期結果：帳號管理頁面的0變成1

Type to Search					Clear	禁用	启用
Selected	Account	Token	Status	Auth			
	larry	8a4f1a00-ba84-11e9-a6ce-5ff89e5a40b0	1	0			
	root	8a4f1a00-ba84-11e9-a6ce-5ff89e5a40b0	1	0			
	sam	8a4f1a00-ba84-11e9-a6ce-5ff89e5a40b0	1	0			
✓	client	0a7e0790-c002-11e9-9d4a-af240c81f27	0	1			

Type to Search					Clear	禁用	启用
Selected	Account	Token	Status	Auth			
	larry	8a4f1a00-ba84-11e9-a6ce-5ff89e5a40b0	1	0			
	root	8a4f1a00-ba84-11e9-a6ce-5ff89e5a40b0	1	0			
	sam	8a4f1a00-ba84-11e9-a6ce-5ff89e5a40b0	1	0			
	client	0a7e0790-c002-11e9-9d4a-af240c81f27	1	1			

TEST CASES(CONT.)

- Case 10：測試啟用功能結果
- 動作：登入被禁止的帳號
- 預期結果：可以順利登入並且看到主頁面



Tagname	Site	Kwh	Kw	St V	Rs V	Tr V	RA	SA	TA	Pf	時間
A1	N1	908	353	380	380	380	119	478	804	916	2019/7/16 16:12:10
A2	N1	249	520	380	380	380	977	330	842	802	2019/7/16 16:12:10
A3	N1	476	528	380	380	380	964	526	999	622	2019/7/16 16:12:10
A4	N1	92	982	380	380	380	329	462	57	958	2019/7/16 16:12:10
A5	N1	850	520	380	380	380	275	879	933	497	2019/7/16 16:12:10
A6	N1	698	790	380	380	380	747	566	756	264	2019/7/16 16:12:10
A7	N1	83	384	380	380	380	771	594	151	600	2019/7/16 16:12:10
A8	N1	304	454	380	380	380	907	795	397	998	2019/7/16 16:12:10
A9	N1	748	992	380	380	380	657	176	128	172	2019/7/16 16:12:10

JENKINS GIT SETTING

Source Code Management

None
 Git

Repositories

Repository URL: `https://github.com/UnderSam/app_project`

Credentials: - none - [Add](#)

[Advanced...](#) [Add Repository](#)

Branches to build

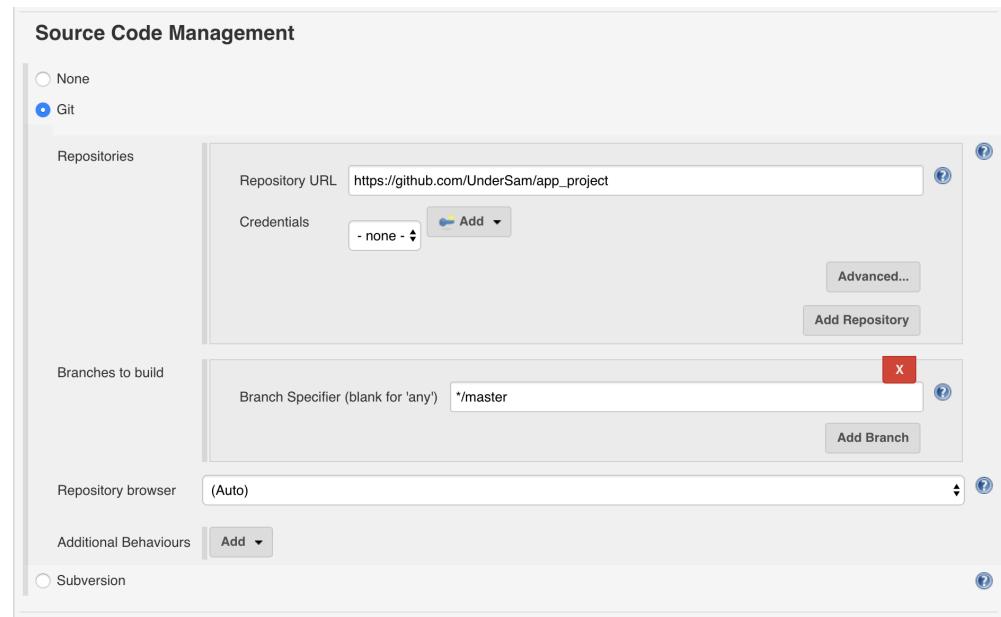
Branch Specifier (blank for 'any'): `*/master`

[Add Branch](#)

Repository browser (Auto)

Additional Behaviours [Add](#)

Subversion



[Options](#)

[Collaborators](#)

[Branches](#)

[Webhooks](#)

[Notifications](#)

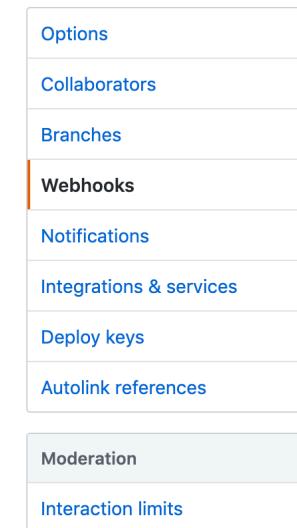
[Integrations & services](#)

[Deploy keys](#)

[Autolink references](#)

[Moderation](#)

[Interaction limits](#)



Webhooks

Webhooks allow external services to be notified when certain events happen. When the specified events happen, we'll send a POST request to each of the URLs you provide. Learn more in our [Webhooks Guide](#).

✓ `http://140.115.54.57:8080/github-webhook/` (pull_request and push)

[Edit](#) [Delete](#)

JENKINS BUILD TRIGGER

Build Triggers

- Trigger builds remotely (e.g., from scripts) ?
- Build after other projects are built ?
- GitHub hook trigger for GITScm polling ?
- Build periodically ?

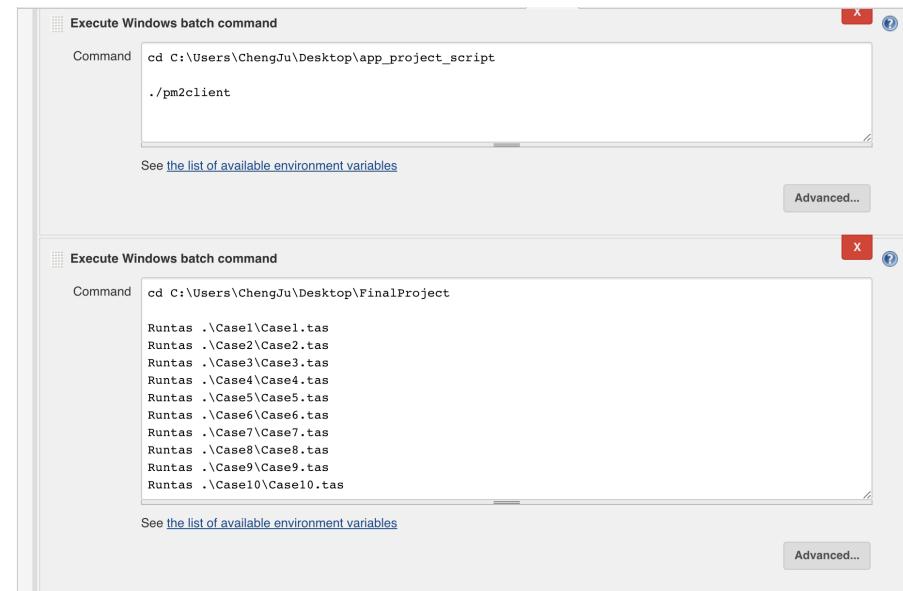
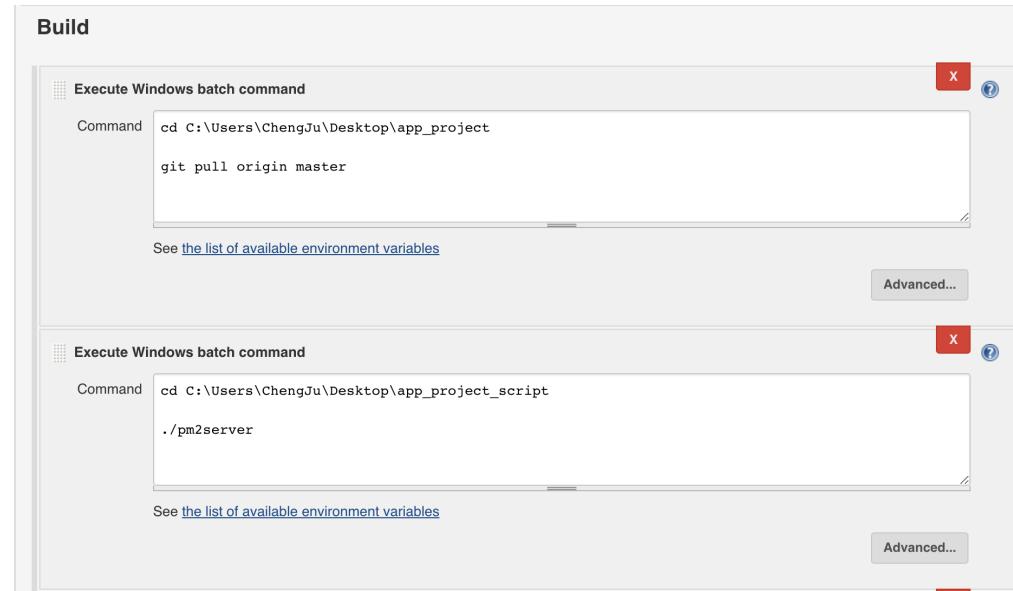
Schedule ?

H 2-22/5 * * *

Would last have run at 2019年10月24日 星期四 上午07時31分53秒 TST; would next run at 2019年10月24日 星期四 下午12時31分53秒 TST.

Poll SCM ?

JENKINS BUILD STAGE



JENKINS MAIL NOTIFICATION(POST-ACTION)

Post-build Actions

Editable Email Notification

Disable Extended Email Publisher

Allows the user to disable the publisher, while maintaining the settings

Project From: FinalProject

Project Recipient List: \$DEFAULT_RECIPIENTS

Project Reply-To List: \$DEFAULT_REPLYTO

Content Type: Default Content Type

Default Subject: \$DEFAULT SUBJECT

Default Content: \$DEFAULT_CONTENT

Attachments:

Can use wildcards like 'module/dist/**/*.zip'. See the [@includes of Ant fileset](#) for the exact format. The base directory is [the workspace](#).

Attach Build Log: Do Not Attach Build Log

Content Token Reference:

Advanced Settings...

Save **Apply** **Cancel**

<input type="checkbox"/> widm.web	收件匣 FinalProject - Build # 65 - Fixed! - FinalProject - Build # 65 - Fixed
<input type="checkbox"/> widm.web	收件匣 FinalProject - Build # 64 - Failure! - FinalProject - Build # 64 - Fail
<input checked="" type="checkbox"/> widm.web	收件匣 FinalProject - Build # 63 - Fixed! - FinalProject - Build # 63 - Fixed
<input type="checkbox"/> widm.web	收件匣 FinalProject - Build # 62 - Still Failing! - FinalProject - Build # 62 -

JENKINS LOG(10/15~10/24)

1.

 [#51](#) Oct 16, 2019 10:31 PM

 [#49](#) Oct 16, 2019 6:44 PM

 [#48](#) Oct 16, 2019 5:31 PM

 [Fixed](#) Oct 16, 2019 3:53 PM

Because wallpaper was changed, so chrome's default top bar color has been changed to another...

 [#46](#) Oct 16, 2019 3:39 PM

 [#45](#) Oct 16, 2019 12:31 PM

 [#44](#) Oct 16, 2019 7:31 AM

 [#43](#) Oct 16, 2019 2:31 AM

 [#42](#) Oct 15, 2019 10:31 PM

 [#41](#) Oct 15, 2019 5:36 PM

 [#39](#) Oct 15, 2019 7:31 AM

 [#38](#) Oct 15, 2019 2:31 AM

2.

 [#68](#) Oct 19, 2019 2:31 AM

 [#67](#) Oct 18, 2019 10:45 PM

 [#66](#) Oct 18, 2019 10:31 PM

 [User test](#)

Oct 18, 2019 5:33 PM
Korat failed because forgot to close the Chrome

 [#64](#) Oct 18, 2019 5:31 PM

 [Fixed](#) Oct 18, 2019 3:04 PM

npm run serve can not serve on public ip :
140.115.54.57:5000 , it need to run on 127.0.0.1

 [#62](#) Oct 18, 2019 3:01 PM

 [#61](#) Oct 18, 2019 12:31 PM

 [#60](#) Oct 18, 2019 7:31 AM

 [#59](#) Oct 18, 2019 2:31 AM

 [#58](#) Oct 17, 2019 10:31 PM

 [#57](#) Oct 17, 2019 5:31 PM

 [#56](#) Oct 17, 2019 12:31 PM

 [#55](#) Oct 17, 2019 10:30 AM

 [#54](#) Oct 17, 2019 10:20 AM

 [#53](#) Oct 17, 2019 7:31 AM

 [#52](#) Oct 17, 2019 2:31 AM

JENKINS LOG(CONT.)

3.

 [#78](#) Oct 20, 2019 10:31 PM

 [#77](#) Oct 20, 2019 5:32 PM

Terminated Test

Oct 20, 2019 5:31 PM

User is using the computer via regression test so it will lead to failure

 [#75](#) Oct 20, 2019 12:31 PM

 [#74](#) Oct 20, 2019 7:31 AM

 [#73](#) Oct 20, 2019 2:31 AM

 [#72](#) Oct 19, 2019 10:31 PM

 [#71](#) Oct 19, 2019 5:31 PM

 [#70](#) Oct 19, 2019 12:31 PM

 [#69](#) Oct 19, 2019 7:31 AM

4.

Test for new build config

Oct 24, 2019 10:55 AM

Add git auto pull in build stage

 [#98](#) Oct 24, 2019 10:45 AM

User Test for new Build Config

Oct 24, 2019 10:12 AM

Let jenkins rebuild server and client and run pm2 on server and client before testCase...

 [#95](#) Oct 24, 2019 7:31 AM

 [#94](#) Oct 24, 2019 2:31 AM

 [#93](#) Oct 23, 2019 10:31 PM

 [#92](#) Oct 23, 2019 5:31 PM

 [#91](#) Oct 23, 2019 12:31 PM

 [#90](#) Oct 23, 2019 7:31 AM

 [#89](#) Oct 23, 2019 2:31 AM

 [#88](#) Oct 22, 2019 10:31 PM

 [#87](#) Oct 22, 2019 5:31 PM

 [#86](#) Oct 22, 2019 12:31 PM

 [#85](#) Oct 22, 2019 7:31 AM

 [#84](#) Oct 22, 2019 2:31 AM

 [#83](#) Oct 21, 2019 10:31 PM

 [#82](#) Oct 21, 2019 5:31 PM

 [#81](#) Oct 21, 2019 12:31 PM

 [#80](#) Oct 21, 2019 7:31 AM

 [#79](#) Oct 21, 2019 2:31 AM

BUGS AND ISSUE TRACKING

 #17	Oct 11, 2019 7:31 AM
 #16	Oct 11, 2019 2:31 AM
 #15	Oct 10, 2019 10:31 PM
 #14	Oct 10, 2019 6:03 PM
 #13	Oct 10, 2019 5:31 PM
 #12	Oct 10, 2019 12:31 PM
 #11	Oct 10, 2019 12:03 PM

```
C:\Users\ChengJu\Desktop\FinalProject>Runtas .\Case9\Case9.tas  
[CLI][Inp] tas_temp.bat  
Microsoft Windows [版本 10.0.17763.805]  
(c) 2018 Microsoft Corporation. 著作權所有，並保留一切權利。
```

```
C:\Users\ChengJu\Desktop\FinalProject\Case9>tas_temp.bat  
Success  
Fail  
END_TEST_CASE  
finished
```

```
C:\Users\ChengJu\Desktop\FinalProject>Runtas .\Case10\Case10.tas  
[CLI][Inp] tas_temp.bat  
Microsoft Windows [版本 10.0.17763.805]  
(c) 2018 Microsoft Corporation. 著作權所有，並保留一切權利。
```

```
C:\Users\ChengJu\Desktop\FinalProject\Case10>tas_temp.bat  
Fail  
END_TEST_CASE  
finished
```

```
C:\Users\ChengJu\Desktop\FinalProject>exit 1  
Build step '執行 Windows 批次指令' marked build as failure  
Finished: FAILURE
```

BUGS AND ISSUE TRACKING(CONT.)

```
C:\Users\ChengJu\Desktop\FinalProject>Runtas .\Case9\Case9.tas
[CLI][Inp] tas_temp.bat
Microsoft Windows [版本 10.0.17763.805]
(c) 2018 Microsoft Corporation. 著作權所有，並保留一切權利。
```

```
C:\Users\ChengJu\Desktop\FinalProject\Case9>tas_temp.bat
Success
Fail
END_TEST_CASE
finished
```

```
C:\Users\ChengJu\Desktop\FinalProject>Runtas .\Case10\Case10.tas
[CLI][Inp] tas_temp.bat
Microsoft Windows [版本 10.0.17763.805]
(c) 2018 Microsoft Corporation. 著作權所有，並保留一切權利。
```

```
C:\Users\ChengJu\Desktop\FinalProject\Case10>tas_temp.bat
Fail
END_TEST_CASE
finished
```

```
C:\Users\ChengJu\Desktop\FinalProject>exit 1
Build step '執行 Windows 批次指令' marked build as failure
Finished: FAILURE
```

```
[2019-10-10 17:32:24] runtas After replay
[2019-10-10 17:32:24] wait -t img -vlp cclickleftuplogin.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:25] wait -t img -vlp cclickleftuplogin.png(TM(ccoeffnormed,0.95)) 3 succeeded
[2019-10-10 17:32:25] wait -t img -vlp cclickleftuplogin.png(TM(ccoeffnormed,0.95)) 3 finished
[2019-10-10 17:32:25] mouseoperation click cclickleftuplogin.png(TM(ccoeffnormed,0.95)) started
[2019-10-10 17:32:26] mouseoperation click cclickleftuplogin.png(TM(ccoeffnormed,0.95)) finished
[2019-10-10 17:32:26] send 001.evt.tap started
[2019-10-10 17:32:29] send 001.evt.tap finished
[2019-10-10 17:32:29] send 002.evt.tap started
[2019-10-10 17:32:33] send 002.evt.tap finished
[2019-10-10 17:32:33] wait -t img -vlp login.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:34] wait -t img -vlp login.png(TM(ccoeffnormed,0.95)) 3 succeeded
[2019-10-10 17:32:34] wait -t img -vlp login.png(TM(ccoeffnormed,0.95)) 3 finished
[2019-10-10 17:32:34] mouseoperation click login.login.png(TM(ccoeffnormed,0.95)) started
[2019-10-10 17:32:35] mouseoperation click login.login.png(TM(ccoeffnormed,0.95)) finished
[2019-10-10 17:32:35] wait -t img -vlp waittagname.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:36] wait -t img -vlp waittagname.png(TM(ccoeffnormed,0.95)) 3 succeeded
[2019-10-10 17:32:36] wait -t img -vlp waittagname.png(TM(ccoeffnormed,0.95)) 3 finished
[2019-10-10 17:32:36] wait -t img -vlp accountmanage.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:37] wait -t img -vlp accountmanage.png(TM(ccoeffnormed,0.95)) 3 succeeded
[2019-10-10 17:32:37] wait -t img -vlp accountmanage.png(TM(ccoeffnormed,0.95)) 3 finished
[2019-10-10 17:32:37] mouseoperation click accountmanage.png(TM(ccoeffnormed,0.95)) started
[2019-10-10 17:32:38] mouseoperation click accountmanage.png(TM(ccoeffnormed,0.95)) finished
[2019-10-10 17:32:38] wait -t img -vlp waitaccountpage.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:39] wait -t img -vlp waitaccountpage.png(TM(ccoeffnormed,0.95)) 3 succeeded
[2019-10-10 17:32:39] wait -t img -vlp waitaccountpage.png(TM(ccoeffnormed,0.95)) 3 finished
[2019-10-10 17:32:39] wait -t img -vlp clickmanagementclient.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:40] wait -t img -vlp clickmanagementclient.png(TM(ccoeffnormed,0.95)) 3 succeeded
[2019-10-10 17:32:40] mouseoperation click clickmanagementclient.png(TM(ccoeffnormed,0.95)) 3 finished
[2019-10-10 17:32:41] mouseoperation click clickmanagementclient.png(TM(ccoeffnormed,0.95)) finished
[2019-10-10 17:32:41] wait -t img -vlp activewclient.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:42] wait -t img -vlp activewclient.png(TM(ccoeffnormed,0.95)) 3 succeeded
[2019-10-10 17:32:42] mouseoperation click activewclient.png(TM(ccoeffnormed,0.95)) started
[2019-10-10 17:32:43] mouseoperation click activewclient.png(TM(ccoeffnormed,0.95)) finished
[2019-10-10 17:32:44] wait -t img -vlp blueactive.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:48] wait -t img -vlp blueactive.png(TM(ccoeffnormed,0.95)) 3 failed
[2019-10-10 17:32:48] wait -t img -vlp blueactive.png(TM(ccoeffnormed,0.95)) 3 finished
[2019-10-10 17:32:48] runtas Received auto reset event
[2019-10-10 17:32:48] runtas C:\Users\ChengJu\Desktop\FinalProject\Case9\tas_temp.bat was deleted
[2019-10-10 17:32:48] runtas Case9.tas failed
```

```
Project: finalProject
Scheduler: none
Test case: Case10
-----
[2019-10-10 17:32:49] runtas Case10.tas started
[2019-10-10 17:32:49] runtas get tasproj success
[2019-10-10 17:32:49] runtas Load project file success
[2019-10-10 17:32:49] runtas Wait for auto reset event
[2019-10-10 17:32:49] runtas Before replay
[2019-10-10 17:32:49] runtas Before tas_temp.bat generate
[2019-10-10 17:32:49] runtas After tas_temp.bat(C:\Users\ChengJu\Desktop\FinalProject\Case10\tas_temp.bat) {
[2019-10-10 17:32:49] runtas After replay
[2019-10-10 17:32:49] wait -t img -vlp rightop.png(TM(ccoeffnormed,0.95)) 3 started
[2019-10-10 17:32:54] wait -t img -vlp rightop.png(TM(ccoeffnormed,0.95)) 3 failed
[2019-10-10 17:32:54] wait -t img -vlp rightop.png(TM(ccoeffnormed,0.95)) 3 finished
[2019-10-10 17:32:54] runtas Received auto reset event
[2019-10-10 17:32:54] runtas C:\Users\ChengJu\Desktop\FinalProject\Case10\tas_temp.bat was deleted
[2019-10-10 17:32:54] runtas Case10.tas failed
```

BUGS AND ISSUE TRACKING(CONT.)

UnderSam / app_project

Watch 1 Star 0 Fork 0

Code Issues 3 Pull requests 0 Projects 0 Wiki Security Insights Settings

BUG/自動刷新token跟取資料驗證產生race condition導致不定時跳出單一登入錯誤 #19

① Open UnderSam opened this issue 11 days ago · 1 comment

UnderSam commented 11 days ago • edited

Owner + ⚡ ...

Assignees
No one—assign yourself

Labels
bug

Projects
None yet

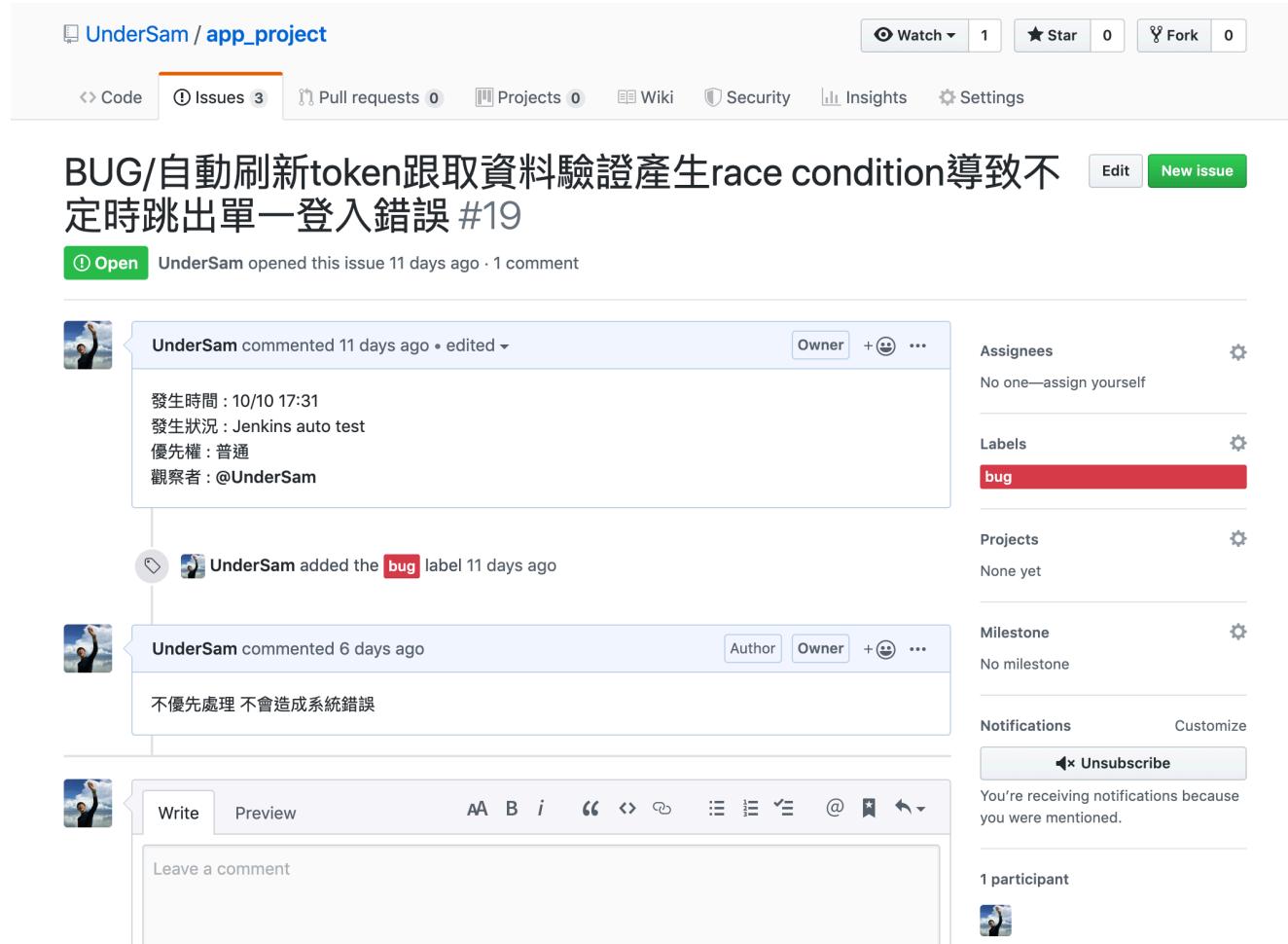
Milestone
No milestone

Notifications
Customize
Unsubscribe

You're receiving notifications because you were mentioned.

1 participant

Write Preview AA B i “ < > @ Leave a comment



BUGS AND ISSUE TRACKING(CONT.)

 Fixed	Oct 14, 2019 5:26 PM
	Docker has been closed automatically with no error or warning, change docker config to let it...
 #32	Oct 14, 2019 5:18 PM
 #31	Oct 14, 2019 5:15 PM
 #30	Oct 13, 2019 10:31 PM
 #29	Oct 13, 2019 5:31 PM

Bug/Docker無法自動重啟導致API server無法順利運作

 **Closed** UnderSam opened this issue 6 days ago · 2 comments



UnderSam commented 6 days ago

Owner + ...

Container : Redis, MS-SQL

錯誤時間 : 10/14 #31

錯誤原因 : Docker container無預警關閉導致API server無法運作



UnderSam commented 6 days ago

Author Owner + ...

10/14 已經在 #32 前為所有 Container 補上 --restart=always



UnderSam commented 6 days ago

Author Owner + ...

之後的都 Success



UnderSam closed this 6 days ago

REPOSITORY LOGS

Commits on Oct 24, 2019

add pm2 script file and folder



UnderSam committed 2 hours ago

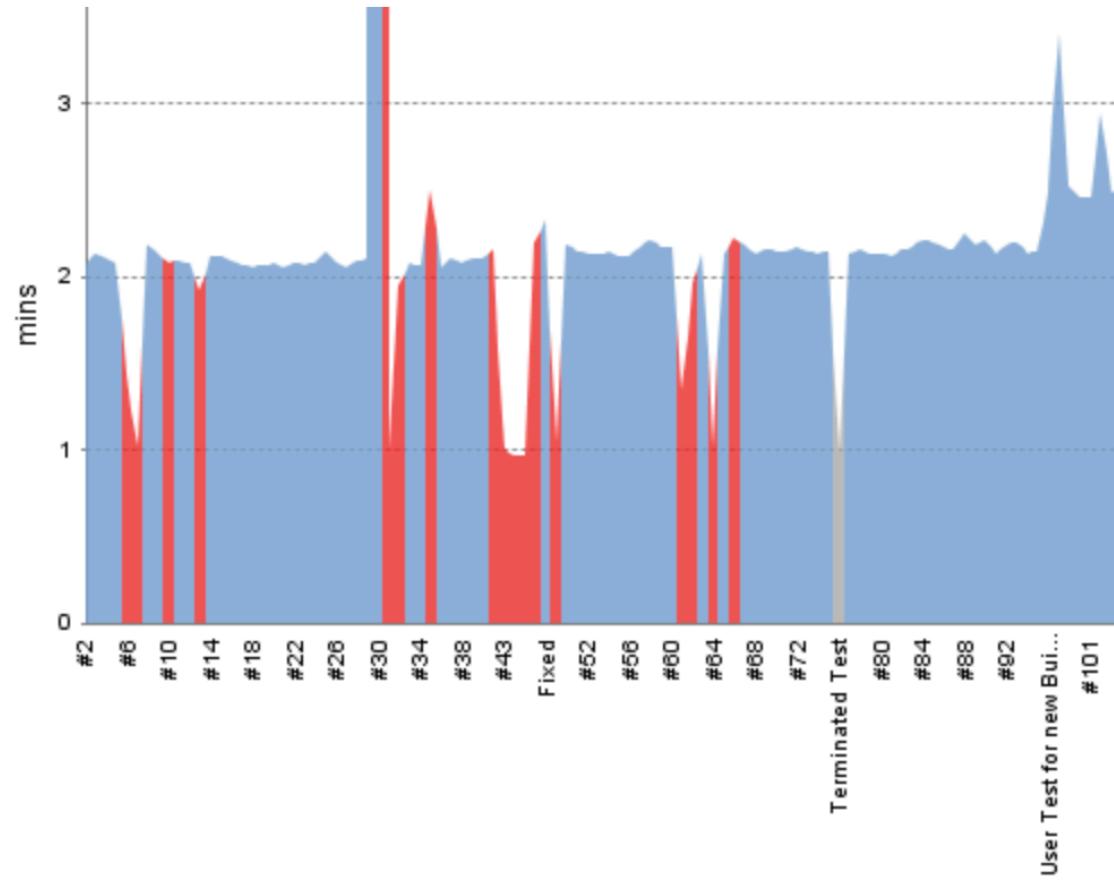


985f915

Last GitHub Push

```
Started on 2019/10/24 10:45:41
Started by event from 140.82.115.247 ? http://140.115.54.57:8080/github-webhook/ on 2019-10-24 10:45:41 TST 2019
Using strategy: Default
No credentials specified
> git.exe --version # timeout=10
> git.exe ls-remote -h -- https://github.com/UnderSam/app\_project # timeout=10
Found 3 remote heads on https://github.com/UnderSam/app\_project
[poll] Latest remote head revision on refs/heads/master is: 985f915118c5bae87e02a49f0fd0416a62566df8
Done. Took 4.5
Changes found
```

TEST TREND(10/09~10/24)



DEMO