

Title:

Buffbox

Vision:

To build a NAS system enabling easy, cost effective file sharing for University of Colorado students

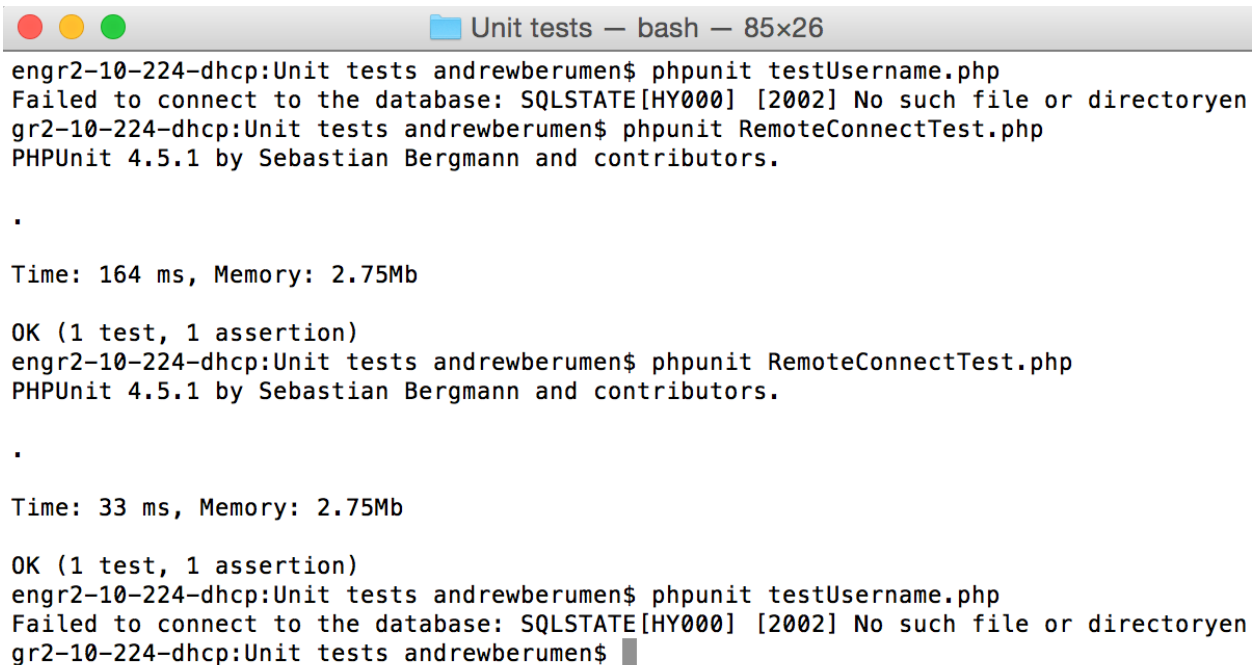
Who:

Camilla Lambrocco, Adrian Wong, Andrew Berumen, Conor Walsh, John Anderson

Automated Tests:

Test case 1: Testing server

Test case 2: Testing login



```
Unit tests — bash — 85x26
engr2-10-224-dhcp:Unit tests andrewberumen$ phpunit testUsername.php
Failed to connect to the database: SQLSTATE[HY000] [2002] No such file or directory
engr2-10-224-dhcp:Unit tests andrewberumen$ phpunit RemoteConnectTest.php
PHPUnit 4.5.1 by Sebastian Bergmann and contributors.

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Time: 164 ms, Memory: 2.75Mb

OK (1 test, 1 assertion)
engr2-10-224-dhcp:Unit tests andrewberumen$ phpunit RemoteConnectTest.php
PHPUnit 4.5.1 by Sebastian Bergmann and contributors.

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Time: 33 ms, Memory: 2.75Mb

OK (1 test, 1 assertion)
engr2-10-224-dhcp:Unit tests andrewberumen$ phpunit testUsername.php
Failed to connect to the database: SQLSTATE[HY000] [2002] No such file or directory
engr2-10-224-dhcp:Unit tests andrewberumen$ █
```

Link to automated test tool: <https://phpunit.de/getting-started.html>

User Acceptance:

1)

Project Name: Buffbox		Test Case Access Website					
Test Case ID: 1-1		Test Designed By: John Anderson					
Test Priority: HIGH		Test Design Date: 3/25/2015					
Test Title: Website Access		Test Executed By: Adrian Wong					
Description: The user has to be able to access the website from his/her own laptop or desktop. Users need to be		Test Execution Date: 3/26/2015					
Step	Test Steps	Test Data	Expected Result	Actual Result	Status	Notes	
1	Navigate to website	URL: http://buff-box.com	Homepage pops up	Homepage pops up	Pass		
2	Website formatted correctly		User can see full website	User can see full website	Pass		

2)

Project Name: Buffbox

Test Case Website login

Test Case ID: 1-2

Test Priority: HIGH

Test Title: Login Access

Description: User logins succesfully on the website in its personal directory

Test Designed By: Andrew Be rumen

Test Design Date: 3/25/2015

Test Executed By: John Anderson



Test Execution Date: 3/26/2015

Step	Test Steps	Test Data	Expected Result	Actual Result	Status	Notes
1	Click login tab		User is prompted to enter ID and Password	User is prompted to enter ID and Password	Pass	
2	Enter user name	admin	User ID is accepted	User ID is accepted	Pass	
3	Enter password	admin	User password is accepted	User password is accepted	Pass	
4	Click login button		User enters in his/her own directory	User enters in his/her own directory	Pass	

3)

Project Name: Buffbox						
Test Case Add User						
Test Case ID: 13				Test Designed By: Adrian Wong		
Test Priority: HIGH				Test Design Date: 3/26/2015		
Test Title: Registration				Test Executed By: Andrew Berumen		
Description: User attempts to register an account on the website				Test Execution Date: 3/26/2015		
Step	Test Steps	Test Data	Expected Result	Actual Result	Status	Notes
1	Click register tab		User is prompted to enter unique ID, email and PW	User is prompted to enter unique ID, email and PW	Pass	
2	Enter desired username	admin	Checks to see if ID is unique	Checks to see if ID is unique	Pass	
3	Enter email address	admin	Check to see if email is already in use	Check to see if email is already in use	Pass	
4	Enter password	admin	Makes sure password is a certain length	Accepts any Password length	Fail	
5	Click register button		Displays success or error (i.e invalid email) message	Displays success or error (i.e invalid email) message	Pass	

4)

Project Name: Buffbox						
Test Case Admin retrieve storage						
Test Case ID: Z-2			Test Designed By: Connor Walsh			
Test Priority: HIGH			Test Design Date: 3/29/2015			
Test Title: Retrieve Information			Test Executed By: Camilla Lambrocco			
Description: Admin can access to stored information on the Rpi board through the UI.			Test Execution Date: 3/29/2015			
Step	Test Steps	Test Data	Expected Result	Actual Result	Status	Notes
1	Click on setting button	storage button 	Admin can enter in setting widget	Admin can enter in setting widget	Pass	
2	Click on storage button	settings button 	Admin can access storage button successfully	Admin can access storage button successfully	Pass	
3	Check information is consistent with all storage usage	files.txt 16kb	Admin can see all storage usage	Admin can see all storage usage	Pass	

5)

Project Name: Buffbox						
Test Case Admin can load UI						
Test Case ID: 2-1			Test Designed By: Camilla Lambrocco			
Test Priority: HIGH			Test Design Date: 3/29/2015			
Test Title: Load UI			Test Executed By: Conor Walsh			
Description: Admin can successfully load the UI on the Raspeberry Pi board without system defects.			Test Execution Date: 3/29/2015			
Step	Test Steps	Test Data	Expected Result	Actual Result	Status	Notes
1	Find IP address of RPi board	ifconfig	Admin finds IP address	Admin finds IP address	Pass	
2	Copy UI scripts from admin personal information storage to RPi device	scp /path/to/file admin@<IP>: /path/to/destination	Admin can see files correctly copied on the RPi board	Admin can see files correctly copied on the RPi board	Pass	
3	Create the executable	qmake	The executable is created	The executable is created	Pass	
4	Change permission	chmod +x <exe>	Permissions are successfully changed	Permissions are successfully changed	Pass	
5	Run the executable	./exe	The executable is run successfully	The executable is run successfully	Pass	

Relevant links:

VCS: <https://github.com/cal21/CSCI-3308>

Project Tracking: <https://trello.com/b/fZ5zwvtp/buffbox>

WebSite: <http://buff-box.com>

