Step	Description
1	Test Login Page Username input for SQLi
2	Test Login Page Password input for SQLi
3	Test URL manipulation to gain access to Products page
4	Send falsified cookie escalating existing user privileges
5	Test Registration page inputs for SQLi vulnerability
6	GUI on Linux using Firefox
7	GUI on iOS using Safari
8	GUI on iOS using Chrome
9	GUI on Android using Chrome
10	GUI on Windows using Firefox
11	GUI on Windows using Chrome
12	Gui on Windows using IE9
13	Test Session Manipulation using falsified cookie
14	User's Passwords Encrypted using secure method
15	Exception Handling: Tried to input negative for stock # on product page
16	Exception Handling: Tried to input decimal for stock # on product page
17	Exception Handling: Tried to log in with incorrect password
18	Load Testing: Tried to brute force login using dictionary attack
19	Usability Testing: Does clicking on ACME logo redirect to home page
20	Stress Testing: Deployed DOS against web site

ACME System Testing			
Penetration / UX / UI / System Compatibility Test			
Test web application for security vulnerabilities			
Web application functional			
James Kennedy	Date:	11-Mar-19	12-Mar-19
	Time:	7:00 PM	8:00 PM
Expected Results	Pass	Fail	N/A
Application filters single quote character	Y	N	
Application only allows ASCII characters below certain number	Y	N	
Redirect unlogged user to home page	Y	N	
Detect discrepancy with user database and claimed privileges	N	Y	
Behave as with login page	Y	N	
Display and function as designed	Y	N	
Display and function as designed	Y	N	
Display and function as designed	N	Y	
Display and function as designed	Y	N	
Display and function as designed	Y	N	
Display and function as designed	Y	N	
Display and function as designed	Y	N	
Should not validate falsified cookie	N	Y	
Currently secure method used	Y	N	
Should not allow this, redirect user with error message	N	Y	
Should not allow this, redirect user with error message	Y	N	
Redirect user with error message back to login page	Y	N	
Should limit number of login attempts in given time period	N	Y	
Redirect user to home page and maintain session	N	Y	
Should load balance and filter	N	Y	

Comments
Application filtered as intended
Application filtered as intended
Application caught unlogged user as intended
Application did not verify user data in this way
Application filtered undesirable input
Performed as designed
Performed as designed
Weird graphical bug with hamburger button
Performed as designed
Performed as designed
Performed as designed
Performed as designed
Accepted falsified cookie, different user able to transition into admin account
Encryption set to PHP default, current is bcrypt.
Allowed use of negative numbers
Did not allow use of decimal in stock input field.
Did not allow even slight mismatch of password.
Crashed the site. Catastrophic error.
Functionality absent
Crashed the site. Catastrophic error.