THE LINUX COLLEGE: System Test Procedure

Version 1.1

Test ID	Requirement Tested	Input / Method	Expected Output	Actual Output	Software Used	Test Results	Comment
1	Buttons and links on the homepage working well		Redirect users to their desired pages all on the same page				
2	Database sync check		Quick and efficient syncing between content on web pages and the database				
3	Input validation on all input fields		Verify all input entered by users before processing forms				
4	Email server test	Emails are sent and received using the mail server	All emails are received and successfully sent				
5	Database storing information		Successfully storing users who subscribe to newsletters and new members to the database				

6	Chatbox functionality	Asking a set of random questions	Providing relevant information to users using keywords				
7	Chatbox sync with FAQs		Compiling FAQs in the chatbox and other areas and displaying them in the FAQ section				
8	Search bar functionality	Typing in a set of random keywords and sentences	Provide relevant search results based on user's search				
9	Legacy browser test	Using an outdated version to access webpages	Restricted access to the payment page and other data-sensitive pages on the website				
10	User login test	Login as an existing user	Successful only if the right credentials are provided and redirection to your dashboard				
11	Viewing and editing a user's profile	Accessing user profile and trying to make changes	Successful update and new changes are displayed to users				
12	Making payment	Using wrong credit card information	Error and users informed of why their card cannot be processed				

13	Making payment	Using the right credit card	Successful, a confirmation email sent to user and fees updated				
14	Making payment		Credit card information is collected and processed on the same page without redirecting users to a 3rd-party website				
15	Withdrawal	Trying to withdraw from a class	Display school policies and whether the user is eligible for a refund				
16	Registering new user	Signing up on the website	Successful only when: • The email provided is valid and not in use • Password is at least 10 characters Prompt users when any of these requirements are not met				
17	Required user registration information	Signup up without entering a first name, last name, email, contact, and or password	Prompt user of missing information and proceed with registration only when the right information is provided				

18	Resetting password	Clicking the forgot password button/link	Require users to enter the email address associated with the account been retrieved. When successful: • Send a recovery email to them • Redirect users to the website for a password reset upon clicking the link • Prevent users from reusing passwords • The new password is at least 10 characters Redirect users to dashboard after requirements are met			
19	Image Optimization		Images and media on the website are optimized by using the most minimum size for faster browsing.			
20	Insecure connection	Redirecting HTTPS to other insecure traffic	Maintain secure communication protocols on all webpages			

21	Site Speed	Multiple access to website using different endpoints producing intense traffic	Maintain quick response to requests on the website				
22	Linking website profile to third-party accounts		Successful sync with connected third-party app. Users can login using the third-party (SSO) and sync some information needed for their dashboard				
23	Accessing class schedule		Successful as long as user is logged into account				
24	Class registration restriction	Registering for a class, a week after it began	Error produced to prevent users from proceeding. Display available dates and sessions they can register in				
25	Editing class schedule	Editing 3 weeks after a session has begun	Error produced. Inform users they can only withdraw after 3 weeks their session started but not edit				
26	Contacting the school and/or instructor	Navigating through any page on the website	View contact details to the instructor and/or school.				

			Ability to send email or request for more information				
26	News feed and page statistics	Accessing the webpage at different times and intervals	News feed, job and income statistics among others are frequently updated from reliable third-party website				
27	Access blog	Navigating to the blog	Able to read and post comment				
28	Mobile device compatibility	Browsing through the website using a mobile device	Efficient and fast browsing and access to all functionality on the website				
29	Captcha verification	Accessing the login or signup page	Users can only proceed from the login page or signup when the captcha is correctly clicked				
30	Data tracking	Surfing on the website as a first-time user	Inform user of what kind of information is being collected and for what purpose				