

USABILITY TESTS

Title #1	Site Responsiveness
Purpose	Check if website fits on various screens sizes
Expected Result	The website and all of its elements should have a good appearance on the screen
Result	Safari - Pass Chrome - Pass Firefox - Pass Safari iOS - Pass
Recommendation	No recommendations

Title #2	Text Alignment
Purpose	Check the text alignment of the website
Expected Result	The text must be aligned in all pages of the website
Result	Home page - Pass Score - Pass Quiz Level 1 - Pass Quiz Level 2 - Pass Quiz Level 3 - Pass Settings - Pass Change Password - Pass Change Email - Pass Change Username - Pass Change Languages - Pass
Recommendation	Settings/Languages pages could have the language dropdown menu centralized

Title 3	All Buttons In Standard Format
Purpose	Test the uniformity of the website buttons
Expected Result	All buttons should have the same format, color and style
Result	Main menu - Pass Settings - Pass Change Password - Pass Change Email - Pass Change Username - Pass Change Languages - Pass Quiz Level 1 - Pass Quiz Level 2 - Pass Quiz Level 3 - Pass Contact - Fail
Recommendation	Quiz Buttons could have been stylised with bootstrap

Title 4	Home Link in Every Page
Purpose	Check if home link is present in every page of the site
Expected Result	A link to the home page should be present in every page
Result	Main menu - Pass Settings - Pass Change Password - Pass Change Email - Pass Change Username - Pass Change Languages - Pass
Recommendation	No Recommendations

Title 5	Broken links and images
Purpose	Check for broken links and images
Expected Result	Should not have any broken links or images
Result	Main menu - Pass Settings - Pass Change Password - Pass Change Email - Pass Change Username - Pass Change Languages - Pass Quiz Level 1 - Pass Quiz Level 2 - Pass Quiz Level 3 - Pass About - Pass Contact - Pass Terms and Conditions - Pass
Recommendation	No Recommendations

Title 6	Disabled fields should be grayed out
Purpose	Check if disabled fields are grayed out
Expected Result	Disabled buttons must be grayed out
Result	Quiz Level 1 - Pass Quiz Level 2 - Pass Quiz Level 3 - Pass
Recommendation	No Recommendations

Title 7	Dropdown data is not truncated due to the field size
Purpose	Check if the dropdown data is not truncated due to the field size
Expected Result	The data should not be truncated or cropped
Result	Change Language - Pass Contact - Pass
Recommendation	Contact form could match website colors

Title 8	Confirmation message displayed for any kind of update and delete operation
Purpose	Display confirmation message after database operation
Expected Result	Message displayed in green after operation succeeded or displayed in red if failed
Result	Change Password - Pass Change Username - Fail Change Email - Fail Change Language - Fail
Recommendation	Look at the database query, the problem appears to be in the query.

FUNCTIONAL TESTS

Title 1	Asterisks for passwords
Purpose	Displayed asterisks in passwords fields
Expected Result	Asterisk should be displayed for passwords
Result	Login Page - Pass Change Password - Pass
Recommendation	No recommendations

Title 2	User Password length
Purpose	Force user to create a more secure password
Expected Result	Password must be at least 6 characters
Result	Register new account - Pass Change Password - Fail
Recommendation	Fix the internal page to validate the fields with javascript

Title 3	Validate mandatory fields
Purpose	Ensure that mandatory fields data are in the correct format
Expected Result	Must exhibit a message if field is invalid
Result	Change Password - Fail Sign up: Username - Pass E-mail - Pass Password - Pass Password Repeat - Pass

Recommendation	No recommendations.
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COMPATIBILITY TESTS

Title 1	Test the website in different browsers and ensure the website is displaying properly
Purpose	Check if there any differences between browsers exhibitions
Expected Result	Website should display properly
Result	Chrome - Pass Safari - Pass Firefox - Pass
Recommendation	No recommendations

Title 2	Fonts
Purpose	Test the fonts are usable in different browsers
Expected Result	Fonts should display properly
Result	Chrome - Pass Safari - Pass Firefox - Pass
Recommendation	No recommendations

Title 3	Images
Purpose	Test the images display correctly in different browsers
Expected Result	Images should display properly
Result	Chrome - Pass Safari - Pass Firefox - Pass

Recommendation	No recommendations
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Title 4	Javascript
Purpose	Test the java script code is usable in different browsers
Expected Result	The Javascript must return the same output in different browsers
Result	Chrome - Pass Safari - Pass Firefox - Pass
Recommendation	No recommendations.

Title 5	HTML
Purpose	Test the HTML version being used is compatible with appropriate browser versions
Expected Result	The HTML should be compatible with browsers most recent versions
Result	Chrome 49.0.2623.110 - Pass Safari 9.1 (11601.5.17.1) - Pass Firefox 45.0.2 - Pass
Recommendation	No recommendations

DATABASE TESTS

Title 1	Primary and foreign keys
Purpose	Verify the Primary and foreign key of each table
Expected Result	
Result	Table questions - questionid is the Primary key - Pass Table users - user_id is the Primary key - Pass
Recommendation	No recommendations.

Title 2	Database size
Purpose	Verify the database size
Expected Result	Database should not exceed 10MB
Result	Table questions - 16kb Table users - 48kb Total database size 64k - Pass
Recommendation	No recommendations.

Title 3	Database Response time
Purpose	Test the response time of each query executed
Expected Result	Query should have optimal execution time
Result	Registering new user - 0.0033 seconds - Pass Deleting user - 0.0021 seconds - Pass Change user Password - 0.0011 seconds - Pass
Recommendation	No recommendations.

Title 4	Encrypted password
Purpose	Verify if the user password is encrypted in the database
Expected Result	The user password should be encrypted in the MD5 format
Result	user_password_hash column is encrypted in MD5 format - Pass
Recommendation	No recommendations.

Title 5	Database Name
Purpose	Verify the database name
Expected Result	Should match "majorgroupproject"
Result	System database name is "majorgroupproject" - Pass
Recommendation	No recommendations.

Title 6	Output zero
Purpose	Test when the output is zero
Expected Result	Zero records should be affected
Result	Executed query for a non existent user - Returned zero with zero records affected - Pass
Recommendation	No recommendations.

Title 7	Data insertion verification
Purpose	Verify the data gets properly saved into the database after the each page submission
Expected Result	The data should be saved after each page submission

Result	Login - Pass Sign up - Pass Change Password - Pass Change email - Pass Change username - Pass Change Languages - Pass Quiz - Pass
Recommendation	No recommendations.

INSTALLATION TESTS

Title 1	Database creation
Purpose	Test the database import
Expected Result	Should create entire database with some users and questions
Result	Users - Pass Questions - Pass
Recommendation	No recommendations

Title #	[name of test method]
Purpose	[what does it test]
Expected Result	[what result should be accomplished]
Result	[actual result – pass/fail]
Recommendation	[any recommendation if fail] [who fixed what, and when]