

Project **EdTech**
Website section Main Page
Environment Google Chrome Version 127.0.6533.72 (Official Build) (64-bit)
Date 27/07/2024
Tester Viktoriia K

Type of Testing	Module	Actions	Status	Link to the defect
Functionality	Navigation	The "Authorize" button opens the Authorization form	PASSED	
		The "Register" button opens the Registration form	PASSED	
	Page	The webpage loads without errors	PASSED	
Usability	Error Handling	Verify that broken links or non-existent pages return a 404 error page	NO RUN	
		The text of links (Authorize, Register) is clearly visible and readable	PASSED	
		The webpage is responsive on various screen sizes (web, mobile)	PASSED	
Accessibility		The webpage adjusts correctly when resizing the browser window	PASSED	
		The webpage is accessible to users with disabilities	FAIL	https://docs.google.com/spreadsheet
		All interactive elements are usable via keyboard	PASSED	
Performance	Page load	The loading time of the page is under 3 seconds	PASSED	
Compatibility	The webpage is compatible with the browsers	Chrome	PASSED	
		Firefox	PASSED	
		Edge	PASSED	
		Opera	PASSED	
		Safari	NO RUN	
	The webpage works correctly on the OS	Windows	PASSED	
		macOS	NO RUN	
		Linux	NO RUN	
		iOS	NO RUN	
		Android	PASSED	
User Interface		The layout is consistent across different pages	PASSED	
		The webpage renders correctly and is visually appealing when viewed in the light theme	PASSED	
		The webpage renders correctly and is visually appealing when viewed in the dark theme	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdnyRxWd0E_cCCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225#gid=728520225&range=A9
		The webpage contains the header text "Welcome to Test App"	PASSED	
		The webpage contains the text "You can: Authorize Register"	PASSED	

Questions I would ask the following questions to the PM / Business analyst to specify the requirements. <i>Business Requirements:</i> What is the purpose of creating this product, and how will it generate revenue? <i>Client Requirements:</i> Who will be using this product? What functionality will be available for different user roles?	Enhancement Proposal: The main page should include a header, footer, catalog, search bar, background, and navigation menu elements. The Register link should precede the Authorize link, and both of them should be located at the top right.
---	---

Registration Form

No	Actions	Test data	Expected Result	Status	Link to the defect
Check 01	Fill out the required fields and click the "Register" button.	Name: Ann Role: student Email: ann123@gmail.com Password: 123	The user is successfully registered if the required fields are filled out and the "Register" button is clicked.	PASSED	
Check 02	Leave some required fields empty and observe the "Register" button.		The "Register" button is inactive if all required fields are not filled out.	PASSED	
Check 03	Enter invalid values in the required fields and observe the "Register" button.		The "Register" button is inactive if the required fields contain invalid values.	PASSED	
Check 04	Leave the password confirmation field empty and observe the "Register" button.		The "Register" button is inactive if the password confirmation field is not filled out.	PASSED	
Check 05	Enter a weak password and check for a strong password suggestion.		A strong password is suggested	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B17
Check 06	Enter different values in the Password and Confirm Password fields and observe the "Register" button.	Name: Ann Role: student Email: ann123@gmail.com Password: 123 Confirm password: 12	The "Register" button is inactive if the values in the Password and Confirm Password fields do not match.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B18
Check 07	Do not validate the captcha and observe the "Register" button.		The "Register" button is inactive if the "I'm not a robot" captcha is not validated.	NO RUN	
Check 08	Upon registration, verify that the user is registered with the data provided.		The user is registered with the data provided during the registration	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B13
Check 09	Attempt to register a new user with existing data.	Name: Peter Role: student Email: ann123@gmail.com Password: 123	A user with existing data in the system cannot be registered.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B19
Check 10	Attempt to re-register a blocked user.		A user blocked in the system cannot re-register.	NO RUN	
Check 11	Register a new user and check for the confirmation email.	Name: Ann Role: student Email: ann123@gmail.com Password: 123	Upon registering a new user, a confirmation email is sent to them.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B20
Check 12	Confirm the registration and verify that the data is saved in the system and database.	Name: Ann Role: student Email: ann123@gmail.com Password: 123	After confirming the registration, the user's data is successfully saved in the system and in the database.	NO RUN	
Check 13	Check the database to ensure the passwords are stored in encrypted form.		Ensure that the password and confirm password are stored in encrypted form in the database.	NO RUN	
Check 14	Locate and use the social media registration option.		There is an option to register using a social media account.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B21
Check 15	Locate and use the email and password registration option.		There is an option to register via email and password.	PASSED	
Check 16	Locate and use the phone number and SMS code registration option.		There is an option to register via phone number and SMS code for confirmation.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B22
Check 17	Locate the password confirmation field on the registration form.		There is a field for re-entering the password for confirmation.	PASSED	
Check 18	Enter a password and verify that the characters are hidden.		When entering a password, the characters entered are hidden (not displayed explicitly).	PASSED	
Check 19	Locate and use the "Eye" icon to view the password.		The password field has an "Eye" icon to view the password.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B23
Check 20	Locate and use the "Eye" icon to view the confirmation password.		The Confirm password field has an "Eye" icon to view the password.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B24
Check 21	Enter an email without the @ symbol and observe the validation.	Email: ann123gmail.com	When choosing to register via email, the field is validated by the required @ symbol.	PASSED	
Check 22	Enter an email with double @@ symbols and observe the validation.	Email: ann123@@gmail.com	When choosing to register via email, the field does not allow double @@ symbols.	PASSED	
Check 23	Enter non-digit characters in the phone number field and observe the validation.		When choosing to register by phone number, the input is restricted to digits only.	NO RUN	
Check 24	Ensure the checkbox for accepting terms is selected when clicking the "Register" button.		The "Register" button is inactive until the checkbox for accepting the terms of the client agreement and privacy policy is selected.	PASSED	
Check 25	Verify that text fields have placeholders with example text.		Text fields have placeholders that provide examples of how to fill out the fields.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFayNlCxs1nE/edit?gid=728520225&gid=72852025&range=B26

Check 26	Attempt to register with empty fields and observe the field highlighting and notification.		The "Register" button is inactive when the required fields are left empty.	PASSED	
Check 27	Submit the form and refresh the page		After submitting the registration form and refreshing the page, the user is redirected to the Register form	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225#gid=728520225&range=B28
Check 28	Enter text with leading and trailing spaces and verify they are trimmed upon submission.		Leading and trailing spaces in text fields are trimmed during registration.	PASSED	
Check 29	Enter a name exceeding the maximum character number and observe the validation.		The "Name" field does not accept values that exceed the maximum character limit.	PASSED	
Check 30	Open multiple registration tabs, enter data, and switch between tabs to verify data preservation.		If multiple tabs are open for registration, the entered data is preserved when switching between them.	PASSED	
Check 31	Fill out the form, wait 2 hours, and verify the fields remain filled.		When returning to the form after 2 hours, the fields remain filled.	NO RUN	
Check 32	Verify that required fields are marked with an asterisk.		Required fields are marked with an asterisk.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225#gid=728520225&range=B26
Check 33	Review the form text for grammar and spelling mistakes.		The text of the form does not contain grammar or spelling mistakes	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225#gid=728520225&range=B15
Check 34	Verify that the checkbox "I agree to the Terms and Conditions" is provided with the link opening the Terms and Conditions.		The checkbox "I agree to the Terms and Conditions" is provided with the link opening the Terms and Conditions.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225#gid=728520225&range=B24
Check 35	Verify that the checkbox "I agree to the Terms and Conditions" is selectable and deselectable.		The checkbox "I agree to the Terms and Conditions" is selectable and deselectable.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225#gid=728520225&range=B14
Check 36	Verify that the checkbox "I want to get marketing emails" is selectable and deselectable.		The checkbox "I want to get marketing emails" is selectable and deselectable.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225#gid=728520225&range=B13
Check 37	Verify that the checkbox "I want to get marketing emails" is not marked as required.		The checkbox "I want to get marketing emails" is not obligatory	PASSED	

Enhancement Proposal

I observed that the request did not reach the server (as indicated by the empty Fetch/XHR tab <https://imgur.com/a/Sw7cXx0>, and no network request was recorded on the server. Although this is a test site, I would recommend improving the system by implementing data submission using the POST method.

Authorization Form

№	Actions	Test data	Expected Result	Status	Link to the defect
Check 01	Enter valid email and password, then click the "Authorize" button.	Name: Ann Role: student Email: ann123@gmail.com Password: 123	The user is successfully authorized with valid data.	PASSED	
Check 02	Enter an unregistered email and the password, then click the "Authorize" button.	Email: happy@gmail.com Password: 123	The unregistered user is not authorized.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yidnvRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B18
Check 03	Enter the valid email and password of a previously registered user, then click the "Authorize" button.		A previously registered user in the system can log in by entering valid data.	PASSED	
Check 04	Complete authorization with valid credentials and verify that the correct page loads.		After successful authorization, the webpage opens.	PASSED	
Check 05	Enter a valid email and an invalid password, then click the "Authorize" button and observe the message.		For a previously registered user, when attempting to log in with a valid email and an invalid password, a user message pops up (for example, "Invalid password").	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yidnvRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B31
Check 06	Attempt to click the "Authorize" button with either the "Email" or "Password" field left empty and observe the field left empty.		The required empty fields "Email" and "Password" are highlighted in red when the user attempts to log in.	PASSED	
Check 07	Attempt to click the "Authorize" button with either the "Email" or "Password" field left empty and observe the user message.		When attempting to authorize with an empty "Email" or "Password" field, a user message indicates that these fields are required.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yidnvRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B32
Check 08	Enter an email that is not registered, then click the "Authorize" button and observe the message.		When attempting to log in with an email that does not exist in the database, a user message pops up (for example, "User with this email does not exist").	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yidnvRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B33
Check 09	Enter the email in different cases (e.g., uppercase, lowercase) and verify that it is recognized correctly.		The "Email" field is not case-sensitive.	PASSED	
Check 10	Enter email and password with leading, trailing, or extra spaces and verify that they are ignored.		The input fields do not consider spaces.	PASSED	
Check 11	Copy a value and paste it into the Email input field using the left mouse button or Ctrl+V.		It is possible to paste a value into the Email input field using the left mouse button/Ctrl+V.	PASSED	
Check 12	Copy a value and paste it into the Password input field using the left mouse button or Ctrl+V.		It is possible to paste a value into the Password input field using the left mouse button/Ctrl+V.	PASSED	
Check 13	Type a password into the Password field and ensure that the characters are hidden.		When entering a password, the characters entered are hidden.	PASSED	
Check 14	Click the "Eye" icon in the Password field to toggle visibility of the password.		The password field has an "Eye" icon to view the password.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yidnvRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B22
Check 15	Verify that the Email field displays placeholder text or is provided with a suggestion.		The "Email" field has a placeholder or a suggestion that provides an example of how to fill out the field.	PASSED	
Check 16	Attempt to enter an email exceeding the maximum character limit and verify it is not accepted.		The "Email" field does not accept values exceeding the maximum character number.	PASSED	
Check 17	Ensure the "Authorize" button becomes active only when both fields are correctly filled.		The "Authorize" button is active when both Email and Password fields are validated.	PASSED	
Check 18	Verify that the "Authorize" button remains inactive if the "Email" or "Password" fields are empty.		The Authorize button is inactive when the required fields are left empty.	PASSED	
Check 19	Verify the presence and functionality of the "Remember me" checkbox.		The checkbox "Remember me" is present.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yidnvRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B34
Check 20	Select the "Remember me" checkbox, complete the login process, log out, and check that the fields are auto-filled on the next login attempt.		When the "Remember me" checkbox is selected and authorization is successful, the system saves the data, and the fields are auto-filled for the user's subsequent authorization.	NO RUN	

Check 21	Verify the presence and functionality of the "I'm not a robot" captcha.		The check "I'm not a robot" is available.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B36
Check 22	Verify the presence and functionality of the password recovery option.		The password recovery function is available.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B35
Check 23	Verify the presence and functionality of social media login options.		The option to authorize via social media is available.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B20
Check 24	Verify that the form allows authorization using email and password.		The option to authorize via email and password is available.	PASSED	
Check 25	Verify that the form allows authorization using phone number and SMS code.		The option to authorize via phone number and SMS code is available.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B21
Check 26	Enter an email without the @ symbol and verify that it is not accepted.		When choosing to authorize via email, the field is validated by the required @ symbol.	PASSED	
Check 27	Enter an email with double @@ symbols and verify that it is not accepted.		When choosing to authorize via email, the field does not allow double @@ symbols.	PASSED	
Check 28	Fill out the form, wait 2 hours, and verify that the fields remain filled.		When returning to the form after 2 hours, the fields remain filled.	NO RUN	
Check 29	Open multiple tabs, fill out the form in one tab, switch to another, and verify that the data is preserved.		If multiple tabs are open for authorization, the entered data is preserved when switching between them.	PASSED	
Check 30	Verify that required fields have an asterisk.		Required fields are marked with an asterisk.	FAIL	https://docs.google.com/spreadsheets/d/1gGC72yjdvnRxWd0E_cCn3V8KZ_Cgx0pFAyNlcXs1nE/edit?gid=728520225&range=B26
Check 31	Ensure login credentials are handled using HTTPS.		Login credentials are handled using HTTPS.	PASSED	

Comment. Typically, a bug report contains the fields such as ID, summary, preconditions, website link, description, severity, priority, steps to reproduce, actual result, expected result, attachments, comments, and suggestions. However, since the webpages tested are still a "raw" product and specifications have not been provided, I have focused on the list of detected bugs and suggestions for fixing/improvement.

Bug Report

Reporter: Viktoriia K

Date: 28 July 2024

Environment: Google Chrome Version 127.0.6533.72 (Official Build) (64-bit)

No	Summary	Severity	Priority	Attachments	Comment	Suggestions
Main Page						
01	The purpose of the main page is not clear	Critical	High			Clarify the purpose of the main page by adding a clear and concise headline, introductory text, and relevant content that outlines the primary objectives and features of the page.
02	The elements for usability are absent on the main page.	Critical	High			Add essential elements such as a header, footer, catalog, search bar, background, navigation menus, banners, call-to-action buttons, and relevant content to enhance the usability and functionality of the main page.
03	The text of links does not meet the WSAG standard for accessible text	Critical	High	https://imgur.com/a/i8dMTyH		Enhance the contrast of the text on the 'Register' and 'Authorize' links to meet the accessibility standard.
04	The "Authorize" link precedes the "Register" link	Major	High	https://imgur.com/a/b81buD2		Reorder the links so that the Register link appears before the Authorize link, following a logical flow for new users.
Registration Form						
05	The new user is registered as a teacher notwithstanding the role selected during the registration	Critical	High	https://imgur.com/a/EHMBRUX		Implement a check to ensure that the selected user role during registration is accurately processed and saved.
06	The checkbox "I want to get Marketing emails" is not responding	Critical	High	https://imgur.com/a/JRb3AFs		Fix the functionality of the checkbox "I want to get Marketing emails" to ensure it is selectable and responsive to user interaction.
07	The checkbox "I agree to the Terms and Conditions" once selected cannot be deselected	Minor	Low	https://imgur.com/a/pe2Lcr9		Ensure that the checkbox "I agree to the Terms and Conditions" is both selectable and deselectable to allow users to change their choice.
08	The role "student" is written in lowercase, not matching the capitalization of the other roles	Major	Low	https://imgur.com/a/AcZjkMY		Standardize the capitalization of the role names by capitalizing "student" to match the format of the other roles.
09	A strong password suggestion is not provided when registering a new user.	Major	Medium			Implement a feature that provides strong password suggestions during the user registration process.
10	The "Register" button is active when the values in the "Password" and "Confirm Password" fields do not match.	Critical	High			Implement a real-time validation feature that checks for matching passwords and only activates the "Register" button when they are identical.
11	A new user is registered with data that already exists in the system	Critical	High			Implement a check to ensure that during registration, the system verifies if the provided email already exists.
12	Upon registering a new user, a confirmation email is not sent.	Critical	High			Implement a feature to automatically send a confirmation email to the user upon successful registration, and verify that the email is delivered to the user's inbox.
13	There is no option to register using a social media account.	Major	Medium		The defect is also present in the authorization form.	Add the option to register/authorize using social media accounts to enhance user convenience and increase registration/authorization rates.
14	There is no option to register via phone number and SMS code.	Major	High		The defect is also present in the authorization form.	Implement the option to register/authorize via phone number and SMS code to enhance user convenience.
15	The "Password" field in the registration form has no "Eye" icon to view the password.	Major	Medium		The defect is also present in the authorization form.	Add an "Eye" icon to the "Password" field to allow users to toggle the visibility of their password for easier verification during entry.
16	The "Confirm password" field in the registration form has no "Eye" icon to view the password.	Major	Medium			Add an "Eye" icon to the Confirm password field to allow users to toggle the visibility of their password for easier verification during entry.

17	The "I agree to the Terms and Conditions" checkbox is not provided with the link that opens the Terms and Conditions	Critical	High			Ensure that the links to the client agreement and privacy policy on the registration form are clickable and direct users to the appropriate documents.
18	The placeholders are not displayed in all input fields on the registration form.	Minor	Low		The defect is also present in the authorization form.	Add placeholders to the text fields that provide examples of how to fill out the fields.
19	Required fields are not marked with an asterisk.	Major	Medium		The defect is also present in the authorization form.	Mark required fields with an asterisk to clearly indicate which fields must be completed.
20	The checkbox "I want to get marketing emails" is not selectable.	Critical	High			Ensure that the checkbox "I want to get marketing emails" is selectable, allowing users to opt-in or opt-out of receiving marketing emails.
21	When the registration form page is refreshed, it redirects to a non-existent page	Major	High	https://imgur.com/a/1Azz3u4		Fix the redirect issue by ensuring that the registration form page reloads correctly and retains the user's input data.
Authorization Form						
22	An unregistered user is authorized.	Blocker	High			Ensure that the system verifies user registration status during the authorization process and displays an appropriate error message if an unregistered user attempts to log in.
23	No user message is displayed for previously registered users attempting to log in with a valid email and an invalid password.	Critical	High			Ensure that a user message is displayed when a previously registered user attempts to log in with a valid email and an invalid password (for example, "Invalid password").
24	No user message is displayed to indicate the required fields when attempting to authorize with an empty "Email" or "Password" field.	Major	Medium			Ensure that a user message is displayed when attempting to authorize with an empty "Email" or "Password" field, indicating that these fields are required.
25	No user message is displayed when attempting to authorize with an email that does not exist in the database.	Major	Medium			Ensure that a user message (for example, "User with this email does not exist") is displayed when attempting to authorize with an email that does not exist in the database.
26	The "Remember me" checkbox is missing.	Major	Medium			Add a "Remember me" checkbox to the login form to allow users to stay logged in on their device for future sessions.
27	The password recovery function is missing.	Critical	High			Implement a password recovery function to allow users to reset their passwords if they forget them.
28	The "I'm not a robot" CAPTCHA is missing from the authorization form.	Critical	High			Implement a "I'm not a robot" CAPTCHA to prevent automated bots from submitting the authorization form.