BBlog - Test Cases

Category	Severity	Name	Steps	Result	Comments
Signup					
API Test	HIGH	Successful signup	**Pre** 1. User has successfully passed the broser auth popup, by inserting candidatex and qa-is-cool credentials **Steps** 1. Click Signup link 2. Fill in signup form with valid Username, Password and Email 3. Press Sign up button **Expected** 1. No errors appear 2. User is authenticated and logged in functionality is available	PASS	
	Username				
API Test	HIGH	Invalid signup - username EMPTY	**Pre** 1. User has successfully passed the broser auth popup, by inserting candidatex and qa-is-cool credentials **Steps** 1. Click Signup link 2. Fill in signup form with valid Password and Email 3. Leave Username input empty 4. Press Sign up button **Expected** 1. Appropriate errors is displayed 2. User is not authenticated and logged in functionality is not available	PASS	
API Test	MEDIUM	Invalid signup - username contains special characters SPACE UNDERSCORE MINUS DOT starts with numbers		FAIL	Issue - The API error message states that input data is invalid. This error messages then is displayed to end user. Given the audience for this this error is the end user, the error message should be explicit and should help the user solve the problem.
API Test	MEDIUM	Invalid signup - should reject signups with an username that is already in database		NOT EXECUTED	
	Email				
API Test	MEDIUM	Invalid signup - email EMPTY		PASS	
API Test	LOW	Invalid signup - email contains SPACES		PASS	
API Test	HIGH	Invalid signup - email contains no AT		PASS	
API Test	HIGH	Invalid signup - email contains no DOT		PASS	
API Test	LOW	Invalid signup - email starts with number		NOT EXECUTED	
API Test	LOW	Invalid signup - email contains a DOT before AT		NOT EXECUTED	

API Test	MEDIUM	Invalid signup - should reject signups with an email that is already in database		NOT EXECUTED	
	Password				
API Test	HIGH	Invalid signup - password EMPTY		FAIL	Issue - accepts empty passwords and returns status 200. This leads to several issues when trying to login or re-signup with the same email
API Test	MEDIUM	Invalid signup - password contains special characters SPACE UNDERSCORE MINUS DOT starts with numbers other special characters		PASS	
UI Tests	High	Successful signup		PASS	**To clarify:** Issue - After signup no verification of the email address is done. Most services that require the user to create an account ask the user to verify the account via email to ensure it is a real user and the ownership of the email address.
UI Tests	High	Invalid signup - display 1 error message		PASS	
UI Tests	High	Invalid signup - display multiple error messages		PASS	
UI Tests	LOW	Invalid signup - submit empty form		FAIL	Issue - error 500. {"errors":{"message":"The \"password\" argument must be one of type string, Buffer, TypedArray, or DataView. Received type undefined","error":{}}}
	Login/Sign in				
API Tests	HIGH	Login successful		FAIL	Issue - Email is expected to be lowercase even though when creating the account capital letters were used. The app stores the email and username in lower case on Sign up, and should be consistent also on Login
API Tests	HIGH	Login rejected - invalid Username+Password combination		NOT EXECUTED	
UI Tests	HIGH	Login successful		FAIL	Issue - login form is misleading to the user. It is asking for username and password for login, but it actually needs email instead of username. API and UI need to be consistent.
UI Tests	MEDIUM	Logged In persistance - after initial authentication, user can open multiple tabs that will not require authentication anymore		PASS	
UI Tests	MEDIUM	Logged In persistance - user can close all logged in tabs and open new tabs where he is still logged in		PASS	
UI Tests	HIGH	User is Logged out on browser close		PASS	
UI Tests	HIGH	Login rejected - invalid Email+Password combination		FAIL	Issue - is related to the issue above. The error message sais that email or password is invalid and user sees username and password in interface
	Logout				

UI Tests	HIGH	Logout successful - from Settings	Expected: JWT removed from Local Storage and Logged in information not accessible anymore. Existing opened tabs will require login when trying to access logged in information	PASS	
UI Tests	HIGH	Logout successful - by closing the browser	Expected: on browser reopen the user needs to l	PASS	**To clarify:** Issue - Logout should be more visible & placed on the main screen. In the current implementation the user can close the tab of the app, but not the browser and he is not logged out. He might think that it is safe now to let another user use the same browser. This was the new user can login without requiring to fill in the credentials.
	Security				
API Tests	HIGH	*RUD operations on Signup & Login endpoints	Expected: restricted access and appropriate erro	NOT EXECUTED	
	Performance				
	API & DB & UI				
Load Tests	MEDIUM		Expected: acceptable performance for API, Datal	NOT EXECUTED	
Stress Tests	MEDIUM		Expected: acceptable performance for API, Datal	NOT EXECUTED	
Volume Tests	MEDIUM		Expected: acceptable performance for API, Datal	NOT EXECUTED	