Team:	Team 03
Project:	Beap Engine
Date created:	1/26/2024
Date updated:	3/17/2024

	Test Case ID	File that contains test	Test Case Description	Implementation Status/ Steps	Test Type	Automated/Manual Test	Test Date Creation	Test Last Runned	Expected Behaviour	Current Behaviour	Passed/ Failed
	T1.1	FileUploadPage.test.ts	The text component of the File Upload Page are rendered	Implemented	Unit	Automated	1/27/2024	3/16/2024	Components from File Upload Page are rendered	As expected	Passed
	T1.2	HomePage.test.tsx	Text components from Home Page are rendered	Implemented	Unit	Automated	1/27/2024	3/16/2024	Components from Home Page are rendered	As expected	Passed
	T1.3	Navbar.test.tsx	Test Render Navigation Bar when user is authenticated	Implemented	Unit	Automated	1/27/2024	3/16/2024	Navigation bar is rendered	As expected	Passed
	T1.4	Api.test.tsx	Navigation links exist	Implemented	Unit	Automated	1/27/2024	3/16/2024	Links to navigate to different pages are rendered into navigation bar	As expected	Passed
	T1.5	FileDropZone.test.tsx	Render FileDropzone components	Implemented	Unit	Automated	1/27/2024	3/16/2024	File drop zone component contents rendered properly	As expected	Passed
	T1.6	FileDropZoneControls.test.tsx	Control components (radio buttons) are rendered	Implemented	Unit	Automated	1/27/2024	3/16/2024	Radio Buttons are rendered	As expected	Passed
	T1.7	FileDropZoneControls.test.tsx	Radio buttons of AppleWatch and FitBit can be clicked	Implemented	Unit	Automated	1/27/2024	3/16/2024	User can click on radio buttons for AppleWatch and Fitbit	As expected	Passed
	T2.1		Upload an xml file on the file upload page using the dialogue box	Steps 1.Select a radio button 2. Click in dialogue Box 3. Select the xml file 4.Open the file	Integration	Manual	2/8/2024	2/8/2024	The file name uploaded is displayed under the dropzone controls	As expected	Passed
	T2.2		Selecting the other radio button removes uploaded files:	Steps: 1.Select a radio button 2. Upload a File 3. Click on the other radio Button	Integration	Manual	2/8/2024	2/8/2024	the file names are removed from the list under the drop zone	As expected	Passed
	T2.3		Can drag an xml file into the dropzone on file upload page	Steps: 1.Select a radio button 2. Drag a file 3. Drop file in the dropzone	Integration	Manual	2/8/2024	2/8/2024	The dragged file gets added to the list of files under the drop zone	As expected	Passed
	T2.4		Click on the Dropzone dialogue box	Steps: 1.Select a radio button 2. Click Dropzone dialogue box	Integration	Manual	2/8/2024	2/8/2024	Should only see xml and json files	As expected	Passed
	T2.5		Upload an empty xml file	Steps: 1.Select a radio button 2. Click on dialogue box 3. Select an empty File 4.Open the file	Integration	Manual	2/8/2024	2/8/2024	the file should get added to the list, but with 0 bytes	As expected	Passed
	T2.6	Navbar.spec.ts	Go to every page on the Navbar and check that the correct page url is achieved	Implemented	System	Automated	2/3/2024	3/16/2024	Playwright Passes the tests	As expected	Passed
	T2.7	HomePage.spec.ts	Checks that all the expected elements are displayed on the homepage	Implemented	System	Automated	2/3/2024	3/16/2024	Playwright Passes the tests	As expected	Passed
These tests use the Login test Hook, and they actually upload files to the database	T2.8	FileUploadPage.spec.ts	Test that the radio buttons are rendered and can be clicked	Implemented	System	Automated	2/9/2024	3/16/2024	Playwright Passes the tests	As expected	Passed
	T2.9	ProcessDataPage.spec.ts	Tests that all expected elements are displayed, the radio buttons work properly, and that go to predicted files button works properly	Implemented	System	Automated	2/9/2024	3/16/2024	Playwright Passes the tests	As expected	Passed
	T2.10	PredictedDataPage.spec.ts	Check that all elements are displayed	Implemented	System	Automated	2/9/2024	3/16/2024	Playwright Passes the tests	As expected	Passed
	T3.1	HelpPopup.test.tsx	Making Sure the help dropdown button renders	Implemented	Unit	Automated	2/23/2024	3/16/2024	The Help Button is rendered	As expected	Passed
	T3.2	Api.test.ts	Login: should return mapped data upon successful login	Implemented	Unit	Automated	2/21/2024	3/16/2024	Mapped data is returned correctly	As expected	Passed
	T3.3	Api.test.ts	Login: should throw an error upon failed login	Implemented	Unit	Automated	2/21/2024	3/16/2024	An exception is thrown when login fails	As expected	Passed
	T3.4	Api.test.ts	Logout: Logout should logout successfully	Implemented	Unit	Automated	2/21/2024	3/16/2024	User log outs correctly	As expected	Passed
	T3.5	Api.test.ts	Logout: should throw an error if fails	Implemented	Unit	Automated	2/21/2024	3/16/2024	An exception is thrown when logout fails	As expected	Passed

				T3.6	Api.test.ts	Sign Up:should sign up successfully	Implemented	Unit	Automated	2/21/2024	3/16/2024	User sign ups correctly	As expected	Passed
				T3.7	Api.test.ts	Sign Up: should throw an error if sign up fails	Implemented	Unit	Automated	2/21/2024	3/16/2024	An exception is thrown when logout fails	As expected	Passed
				T3.8	useIsUserLoggedin.test.ts	useIsUserLoggedIn: returns true when user is logged in and expiresAt is in the future	Implemented	Unit	Automated	2/21/2024	3/16/2024	Returns the expected value when user is logged in	As expected	Passed
				T3.9	useIsUserLoggedin.test.ts	useIsUserLoggedIn: returns false and clears storage and cookie when expiresAt is in the past	Implemented	Unit	Automated	2/21/2024	3/16/2024	Returns the expected value the login session has passed	As expected	Passed
				T3.10	useLogin.test.ts	useLogin:Hook should handle login successfully	Implemented	Unit	Automated	2/21/2024	3/16/2024	Hook should log in user	As expected	Passed
				T3.11	useLogin.test.ts	useLogin: Hook should handle login when it errors	Implemented	Unit	Automated	2/21/2024	3/16/2024	Hook should not work when user was not logged successfully	As expected	Passed
				T3.12	useLogout.test.ts	useLogout: Hook should handle logout successfully	Implemented	Unit	Automated	2/21/2024	3/16/2024	Hook should log out the user	As expected	Passed
				T3.13	useLogout.test.ts	useLogout: Hook should handle logout when it errors	Implemented	Unit	Automated	2/21/2024	3/16/2024	Hook should handle when log out fails	As expected	Passed
				T3.14	useSignup.test.ts	useSignup: Hook should handle signup successfully	Implemented	Unit	Automated	2/21/2024	3/16/2024	Hook should sign up user	As expected	Passed
				T3.15	useSignup.test.ts	useSignup: Hook should handle signup when it errors	Implemented	Unit	Automated	2/21/2024	3/16/2024	Hook should handle when sign up fails	As expected	Passed
				T3.16	ProcessDataPage.test.ts	Render elements of Processed Data page	Implemented	Unit	Automated	2/28/2024	3/16/2024	Components from processed data page are displayed and function as expected	As expected	Passed
				T3.17	useDeleteFile.test.ts	Hook: should call the delete sucessfully	Implemented	Unit	Automated	2/25/2024	3/16/2024	useDeleteFile hook should call the delete file api with the correct parameters	As expected	Passed
				T3.18	useDeleteFile.test.ts	Hook: should handle delete when it errors	Implemented	Unit	Automated	2/25/2024	3/16/2024	useDeleteFile hook should handle the errors thrown when the delete operation fails	As expected	Passed
				T3.19	useUpload.test.ts	Hooks hould get uploaded files successfully	Implemented	Unit	Automated	2/28/2024	3/16/2024	useGetUploadedFile hook should call the listUploadedFile api route and handle errors successfully	As expected	Passed
				T3.20	useUpload.test.ts	Hook should handle getUploadedFiles when it errors	Implemented	Unit	Automated	2/28/2024	3/16/2024	useGetProcessedDataList hook should call the getProcessedDataList api route and handle errors successfully	As expected	Passed
				T3.21	usePredictFile.test.ts	Hook handles predict sucessfully	Implemented	Unit	Automated	2/28/2024	3/16/2024	usePredictFile hook should call the predictFile api properly and handle errors successfully	As expected	Passed
				T3.22	usePredictFile.test.ts	Hooks handle predict when it errors	Implemented	Unit	Automated	2/28/2024	3/16/2024	usePredictFile hook should handle errors gracefully	As expected	Passed
				T3.23	useGetUploadedFiles.test.ts	useGetUploadedFiles: should get uploaded files successfully	Implemented	Unit	Automated	2/28/2024	3/16/2024	useGetUploadedFiles: hook gets the uploaded file correctly	As expected	Passed
				T3.24	useGetUploadedFiles.test.ts	useGetUploadedFiles: should get uploaded files when it errors	Implemented	Unit	Automated	2/28/2024	3/16/2024	Hook should handle case when file was deleted	As expected	Passed
				T3.25		User should be able to log In and interact witht the page	Steps: 1. Enter the app 2. Click in log in 3. Enter the log in Information 4. Cick log in	System	Manual	03/03/2024	3/3/2024	People can log in and navigate through the page	You are able to log in but the app does not redirect you to the upload page	Semi-passed
				T4.1	FileUploadPage.spec.ts	User should be able to upload a Fitbit file	Implemented	Integration	Automated	03/07/2024	3/16/2024	A Fitbit type file is uploaded correctly	As expected	Passed
				T4.2	FileUploadPage.spec.ts	User should be able to upload a Apple watch file	Implemented	Integration	Automated	03/07/2024	3/16/2024	An Apple watch type file is uploaded correctly	As expected	Passed
				T4.3	useDownload.test.ts	UseDownload: Should be able to download a file from the database	Implemented	Unit	Automated	3/12/2024	3/16/2024	UseDownload Hook should be able to download a file from the database	As expected	Passed

				ID	Test File	Description	Status	Type	Method	Date	Date	Expected	Actual	Result
				T4.4	useDownload.test.ts	UseDownload: should handle download errors	Implemented	Unit	Automated	3/12/2024	3/16/2024	UseDownload hook should handle download errors, if they exist	As expected	Passed
				T4.5		User should be able to log In and interact witht the page		System	Manual	N/A	N/A	N/A	N/A	N/A
				T4.6	Navbar.test.tsx	Navbar links should not be rendered when the user is not authenticated	Implemented	Unit	Automated	3/11/2024	3/16/2024	The Navbar links should not be visible	As expected	Passed
				T4.7	FileDropzone.test.tsx	Invoke onDragEnter when dragenter occurs	Implemented	Unit	Automated	3/11/2024	3/16/2024	Jest mocks data and makes sure the dropzone actually allows to drop data	As expected	Passed
				T4.8	LoadingSpinner.test.tsx	Render the HashLoader with the correct props when loading the user	Implemented	Unit	Automated	3/10/2024	3/16/2024	The HashLoader should render	As expected	Passed
				T4.9	LoadingSpinner.test.tsx	Do not render the HashLoader when loading is false	Implemented	Unit	Automated	3/10/2024	3/16/2024	The HashLoader should not render	As expected	Passed
				T4.10	LoginPage.test.tsx	Render the login form with the initial state	Implemented	Unit	Automated	3/13/2024	3/16/2024	The components of the Login Page are rendered	As expected	Passed
				T4.11	LoginPage.test.tsx	Check that user can type in username and password fields	Implemented	Unit	Automated	3/13/2024	3/16/2024	The user is able to type on those spots	As expected	Passed
				T4.12	LoginPage.test.tsx	Test that button submits form with username and password on click	Implemented	Unit	Automated	3/13/2024	3/16/2024	The user can click on the submit button to send its information	As expected	Passed
				T4.13	LoginPage.test.tsx	Test that the rotator buttons change the text on the screen	Implemented	Unit	Automated	3/13/2024	3/16/2024	The user can click on the rotator buttons and the text displayed is changed	As expected	Passed
				T4.14	Logout.test.tsx	Page should call handleLogout on render	Implemented	Unit	Automated	3/13/2024	3/16/2024	The hook is called when the Page is rendered	As expected	Passed
				T4.15	Logout.test.tsx	Page should redirect to Home Page after Logout	Implemented	Unit	Automated	3/13/2024	3/16/2024	Page redirect the user after they logout	As expected	Passed
				T4.16	Logout.test.tsx	Page should display Loading state	Implemented	Unit	Automated	3/13/2024	3/16/2024	Loaging state is displayed	As expected	Passed
				T4.17	Logout.test.tsx	Page should display error state	Implemented	Unit	Automated	3/13/2024	3/16/2024	Error state be displayed when needed	As expected	Passed
				T4.18	SignUpPage.test.tsx	Render signup form with initial state	Implemented	Unit	Automated	3/13/2024	3/16/2024	Sign up form is rendered	As expected	Passed
				T4.19	SignUpPage.test.tsx	Allow user to type in first name, last name, username and password fields	Implemented	Unit	Automated	3/13/2024	3/16/2024	User can type information in the defined fields	As expected	Passed
				T4.20	SignUpPage.test.tsx	Test that button submits form with first name, last name, username and password on click	Implemented	Unit	Automated	3/13/2024	3/16/2024	Information is submitted on click of submit button	As expected	Passed
				T4.21	SignUpPage.test.tsx	Test that form is not submitted if privacy policy is not agreed to	Implemented	Unit	Automated	3/13/2024	3/16/2024	Form is not submitted if privacy provicy is not accepted	As expected	Passed
				T4.22	SignUpPage.test.tsx	Test that form info is not submitted if passwords don't match	Implemented	Unit	Automated	3/13/2024	3/16/2024	Form is not submitted unless password matches	As expected	Passed
				T4.23	SignUpPage.test.tsx	Test that form does not work if an element is missing	Implemented	Unit	Automated	3/13/2024	3/16/2024	Form is not submitted unless all elements are completed	As expected	Passed
				T4.24	SignUpPage.test.tsx	Test that the rotator buttons change the text on the screen	Implemented	Unit	Automated	3/13/2024	3/16/2024	Text on the screen is changed when button is clicked	As expected	Passed
				T4.25	useGetPredictedDataList.test	Hook should get predicted files successfully	Implemented	Unit	Automated	3/12/2024	3/16/2024	Predicted Files are retrieved	As expected	Passed
				T4.26	useGetPredictedDataList.test	Hook should handle getPredictedFiles when it errors	Implemented	Unit	Automated	3/12/2024	3/16/2024	Hook can handle errors	As expected	Passed
				T4.27	AccessGroupServiceTest.java	Test list() method when there is something to return	Implemented	Unit	Automated	3/12/2024	3/16/2024	List method returns a list of AccessGroups	As expected	Passed
				T4.28	AccessGroupServiceTest.java	Test list() method when the list is empty	Implemented	Unit	Automated	3/12/2024	3/16/2024	List method returns an empty list	As expected	Passed
				T4.29	AccessGroupServiceTest.java	Test save() method: save AccessGroup into database	Implemented	Unit	Automated	3/12/2024	3/16/2024	AccessGroup is saved in the database	As expected	Passed

ID	File	Test Description	Status	Type	Execution	Date Created	Date Executed	Expected Result	Actual Result	Pass
T4.30	AccessGroupServiceTest.java	Test update() method: update information from the AccessGroup into the database	Implemented	Unit	Automated	3/12/2024	3/16/2024	Information of AccessGroup is updated within the database	As expected	Passed
T4.31	AccessGroupServiceTest.java	Test get() method: retrieve AccessGroup from the database	Implemented	Unit	Automated	3/12/2024	3/16/2024	AccessGroup object is retrieved from the database	As expected	Passed
T4.32	AccessGroupServiceTest.java	Test get() method: retrieve AccessGroup from the database that does not exists	Implemented	Unit	Automated	3/12/2024	3/16/2024	The method returns null	As expected	Passed
T4.33	AccessGroupServiceTest.java	Test delete(): delete an AccessGroup from the database	Implemented	Unit	Automated	3/12/2024	3/16/2024	AccessGroup is deleted from the database	As expected	Passed
T4.34	ProtectedRoute.test.tsx	renders children when user is authenticated	Implemented	Unit	Automated	3/12/2024	3/16/2024	Renders children in protected route	As expected	Passed
T4.35	ProtectedRoute.test.tsx	redirects to login when user is not authenticated	Implemented	Unit	Automated	3/15/2024	3/16/2024	Does not render children in protected route	As expected	Passed
T4.36	useAuth.test.tsx	returns isAuthenticated as true when user is logged in	Implemented	Unit	Automated	3/15/2024	3/16/2024	returns as authenticated when called	As expected	Passed
T4.37	useAuth.test.tsx	returns isAuthenticated as false when user is not logged in	Implemented	Unit	Automated	3/15/2024	3/16/2024	returns as not authentic	As expected	Passed
T4.38	index.test.ts	should upload a file	Implemented	Unit	Automated	3/15/2024	3/16/2024	able to upload	As expected	Passed
T4.39	index.test.ts	should process a file	Implemented	Unit	Automated	3/15/2024	3/16/2024	able to process	As expected	Passed
T4.40	index.test.ts	should predict a file	Implemented	Unit	Automated	3/15/2024	3/16/2024	able to predict	As expected	Passed
T4.41	index.test.ts	should download file	Implemented	Unit	Automated	3/15/2024	3/16/2024	able to download	As expected	Passed
T4.42	index.test.ts	should download a undefined file	Implemented	Unit	Automated	3/15/2024	3/16/2024	able to handle undefined downloads	As expected	Passed
T4.43	index.test.ts	should delete a file	Implemented	Unit	Automated	3/15/2024	3/16/2024	able to delete files	As expected	Passed
T4.44	index.test.ts	get uploaded data file exist	Implemented	Unit	Automated	3/15/2024	3/16/2024	handles getting uploaded files that exist	As expected	Passed
T4.45	index.test.ts	get uploaded data file does not exist	Implemented	Unit	Automated	3/15/2024	3/16/2024	handles getting undefined uploaded files	As expected	Passed
T4.46	index.test.ts	get predicted data file exist	Implemented	Unit	Automated	3/15/2024	3/16/2024	handles getting predict	As expected	Passed
T4.47	index.test.ts	get predicted data file does not exist	Implemented	Unit	Automated	3/15/2024	3/16/2024	handles getting undefir	As expected	Passed
T4.48	index.test.ts	get processed data file exist	Implemented	Unit	Automated	3/15/2024	3/16/2024	handles getting proces	As expected	Passed
T4.49	index.test.ts	get processed data file does not exist	Implemented	Unit	Automated	3/15/2024	3/16/2024	handles getting undefir	As expected	Passed
T4.50	UserServiceTest.java	Tests list() when not empty	Implemented	Unit	Automated	3/15/2024	3/16/2024	Returns a list of users	As expected	Passed
T4.51	UserServiceTest.java	Tests list() when empty	Implemented	Unit	Automated	3/15/2024	3/16/2024	Returns an empty list	As expected	Passed
T4.52	UserServiceTest.java	Tests save when user does not exist	Implemented	Unit	Automated	3/12/2024	3/16/2024	new user is saved	As expected	Passed
T4.53	UserServiceTest.java	Tests save when user does exist	Implemented	Unit	Automated	3/12/2024	3/16/2024	throws error if user already exists	As expected	Passed
T4.54	UserServiceTest.java	Tests update when user does exist	Implemented	Unit	Automated	3/12/2024	3/16/2024	user details are updated	As expected	Passed
T4.55	UserServiceTest.java	Test get when user exists	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns existing user	As expected	Passed
T4.56	UserServiceTest.java	Test get when user does not exists	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns null	As expected	Passed
T4.57	UserServiceTest.java	Test delete when user exists in databse	Implemented	Unit	Automated	3/12/2024	3/16/2024	user is deleted in database	As expected	Passed
T4.58	UserServiceTest.java	test valid login	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns object that indicates successful login	As expected	Passed
T4.59	UserServiceTest.java	test valid login but locked	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns object indicating locked account	As expected	Passed
T4.60	UserServiceTest.java	test valid login but unlocks account	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns object indicating successful login	As expected	Passed
T4.61	UserServiceTest.java	test invalid login attempt	Implemented	Unit	Automated	3/12/2024	3/16/2024	return object indicating invalid login attempt	As expected	Passed
T4.62	UserServiceTest.java	test invalid login first time	Implemented	Unit	Automated	3/12/2024	3/16/2024	return object indicating invalid login attempt and increments attempt count	As expected	Passed
T4.63	UserServiceTest.java	test invalid login locked	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns object indicating account is locked	As expected	Passed

			T4.64	UserServiceTest.java	test invalid login but unlock after 24 hours	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns object indicating invalid ogin and account is unlocked	As expected	Passed
			T4.65	UserServiceTest.java	test invalid username and password on login	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns object indicating invalid login attempt	As expected	Passed
			T4.66	UserServiceTest.java	test get user by username	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns user	As expected	Passed
			T4.67	UserServiceTest.java	test get by username when user does not exist	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns user details	As expected	Passed
			T4.68	UserServiceTest.java	test load user by username when user does not exist	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns null	As expected	Passed
			T4.69	UserServiceTest.java	test load user by username	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns user	As expected	Passed
			T4.70	UserServiceTest.java	test load user user details	Implemented	Unit	Automated	3/12/2024	3/16/2024	returns user details	As expected	Passed
			T4.71	LoginUserTest.java	test empty loginUser list	Implemented	Unit	Automated	3/14/2024	3/16/2024	returns an empty list	As expected	Passed
			T4.72	LoginUserTest.java	test loginUser list	Implemented	Unit	Automated	3/14/2024	3/16/2024	returns the list of logged in users	As expected	Passed
			T4.73	LoginUserTest.java	logged in user results are saved	Implemented	Unit	Automated	3/14/2024	3/16/2024	logged in user results are saved	As expected	Passed
			T4.74	LoginUserTest.java	logged in user results are updated	Implemented	Unit	Automated	3/14/2024	3/16/2024	logged in user results are updated	As expected	Passed
			T4.75	LoginUserTest.java	Get logged in user with their ID	Implemented	Unit	Automated	3/14/2024	3/16/2024	return a loggedInUser from their ID	As expected	Passed
			T4.76	LoginUserTest.java	Test get with no user	Implemented	Unit	Automated	3/14/2024	3/16/2024	returns null user	As expected	Passed
			T4.77	LoginUserTest.java	test delete	Implemented	Unit	Automated	3/14/2024	3/16/2024	the loggedInUser is deleted	As expected	Passed
			T4.78	IncorrectLoginsService.java	Test list()	Implemented	Unit	Automated	3/14/2024	3/16/2024	Returns a list of 2 IncorrectLogins from the database	As expected	Passed
			T4.79	IncorrectLoginsService.java	Test list() empty, when there were no incorrect logins	Implemented	Unit	Automated	3/14/2024	3/16/2024	an empty list is returned	As expected	Passed
			T4.80	IncorrectLoginsService.java	Test save() IncorrectLogin	Implemented	Unit	Automated	3/14/2024	3/16/2024	Incorrect logins are added to the database	As expected	Passed
			T4.81	IncorrectLoginsService.java	Test update() IncorrectLogin	Implemented	Unit	Automated	3/14/2024	3/16/2024	update information of an IncorrectLogin into the database	As expected	Passed
			T4.82	IncorrectLoginsService.java	Test get() IncorrectLogin	Implemented	Unit	Automated	3/14/2024	3/16/2024	returns an IncorrectLogin object	As expected	Passed
			T4.83	IncorrectLoginsService.java	Test get() when Incorrect login does not exists	Implemented	Unit	Automated	3/14/2024	3/16/2024	method returns null	As expected	Passed
			T4.84	IncorrectLoginsService.java	Test Delete() IncorrectLogin	Implemented	Unit	Automated	3/14/2024	3/16/2024	IncorrectLogin object is deleted from the database	As expected	Passed
			T4.85	IncorrectLoginsService.java	Test getUserByID()	Implemented	Unit	Automated	3/14/2024	3/16/2024	Returns the IncorrectLogin object that matches the ID	As expected	Passed
			T4.86	IncorrectLoginsService.java	Test getUserByID() when IncorrectLogin does not exist	Implemented	Unit	Automated	3/14/2024	3/16/2024	Returns null	As expected	Passed
			T4.87	UtilTest.java	test dateDifference(): start date is before end data	Implemented	Unit	Automated	3/14/2024	3/16/2024	Returns the correct difference in hours	As expected	Passed
			T4.88	UtilTest.java	test dateDifference(): start date is after end date	Implemented	Unit	Automated	3/14/2024	3/16/2024	Returns the correct difference in hours	As expected	Passed
			T4.89	UtilTest.java	test dateDifference(): start date and end date is the same	Implemented	Unit	Automated	3/14/2024	3/16/2024	Returns 0 as the difference	As expected	Passed
			T4.90	Navbar.spec.ts	Multiple individual tests for navbar to help find the problem if the main test fails	Implemented	System	Automated	3/16/2024	3/16/2024	Playwright Passes the tests	As expected	Passed