There are a few unit tests found in frontend/guarantymetalui. Not all suites pass. Not all unit tests have been created yet.

Test Case ID	Test Case	Pre-Conditions	Test Steps	Test Data	Expected Result	Post Condition	Actual Result	Test Status	Sprint Tested	Why fail?
TC-001	Register User with invalid password	**Username:** Needs to be at least 5 characters, **Password:** Password needs to be 8 characters, must have numbers, special characters and capital letters. **Email:** Should be a valid email	Enter Username, Password, and Email, Click Register	Username: Johndoe, Password: password, Email: test@gmail.com	Register Failed	Remain on register page	Register Failed	PASS	2	
TC-002	Register User with invalid password	**Username:** Needs to be at least 5 characters, **Password:** Password needs to be 8 characters, must have numbers, special characters and capital letters. **Email:** Should be a valid email	Enter Username, Password, and Email, Click Register	Username: Johndoe, Password: Password123, Email: test@gmail.com	Register Failed	Remain on register page	Register Failed	PASS	2	
TC-003	Register User with invalid password	**Username:** Needs to be at least 5 characters, **Password:** Password needs to be 8 characters, must have numbers, special characters and capital letters. **Email:** Should be a valid email	Enter Username, Password, and Email, Click Register	Username: Johndoe, Password: Password!, Email: test@gmail.com	Register Failed	Remain on register page	Register Failed	PASS	2	
TC-004	Register User with valid password	**Username:** Needs to be at least 5 characters, **Password:** Password needs to be 8 characters, must have numbers, special characters and capital letters. **Email:** Should be a valid email	Enter Username, Password, and Email, Click Register	Username: Johndoe, Password: Password123!, Email: test@gmail.com	Register Successful	Navigate to login	Register Successful	PASS	2	
TC-005	Login with user that doesnt exist	**Username:** username, **Password:** Password	Enter Username, Password, and Email, Click Login	Username: JohnDogger, Password: Password123!	Login Failed: Username or Password is incorrect	Return to login to try again	Login Failed: Username or Password is incorrect	PASS	2	
TC-006	Login with user that does exist	**User is Registered, Username:** username, **Password:** Password	Enter Username, Password, and Email, Click Login	Username: Johndoe, Password: Password123!	Successful Login	Navigate to dashboard	Successful Login	PASS	2	
TC-007	Navigate to Dashboard	Must be logged in.	Click button for dashboard	N/A	Navigate to dashboard	Navigate to dashboard to see hardcoded graphs and info	Navigate to dashboard	PASS	2	
TC-008	Navigate to Inventory	Must be logged in	Click button for inventory	N/A	Navigate to inventory	Navigate to inventory to manage products in inventory	Navigate to inventory	PASS	2	
TC-011	Navigate to Jobs	Must be logged in	Click button for jobs	N/A	Navigate to jobs to manage and view ongoing jobs	Navigate to jobs	Navigate to jobs to manage and view ongoing jobs	PASS	2	
TC-012	Navigate to Purchases	Must be logged in	Click button for purchases	N/A	Navigate to purchases to manage and view purchase records	Navigate to purchases	Navigate to purchases to manage and view purchase records	PASS	2	
TC-013	Navigate to Settings	Must be logged in	Click button for settings	N/A	Navigate to blank settings	Navigate to settings	Navigate to blank settings	PASS	2	
TC-012	Adding to inventory manually successfully	N/A	Click '+' to add a product, Fill in all spaces	Part Number: GSM-001 Size: 3" Material/Color: Steel / White Description: 1/2 Round Gutter Product Type: Gutter Base Quantity of Product: 20ft Base Price: $3.00 Mark Up Price: $4.00	Item is added to the inventory table, showing 5 category columns	Exit the add product modal and view added information	Item is added to the inventory table, showing 5 category columns	PASS	2	
TC-013	Adding to inventory by file successfully	Much have a file that at least has a part number column.	Click '+' to add a product, click "Switch to upload", Choose file, Then click "Upload File"	upload text doc.xlsx	all item is added to the inventory table, showing 5 category columns	stay in modal to be able to add more docs	all item is added to the inventory table, showing 5 category columns	PASS	2	
TC-014	Adding to inventory by file successfully but items exist	Much have a file that at least has a part number column.	Click '+' to add a product, click "Switch to upload", Choose file, Then click "Upload File"	upload text doc.xlsx	No items should be added bc we do not want duplicates	stay in modal to be able to add more docs	No items should be added bc we do not want duplicates	PASS	2	
TC-015	Filter by Part Number	Part must exist in Database	In "Search for products", type a part number	GSM-001	GSM-001 should be the only product showing	Table should update live	GSM-001 is only item showing	PASS	2	
TC-016	Filter by Description	Part must exist in Database	In "Search for products", type a Description	1/2 Round Gutter	All items that have that info in description should be showing	Table should update live	All items that have that info in description should be showing	PASS	2	
TC-017	Filter by Radius Size	Part must exist in Database	Click checkbox of Size you want to filter	3"	All items that have that info should be showing	Table should update live	All items that have that info should be showing	PASS	2	
TC-018	Filter by Material Type	Part must exist in Database	Click checkbox of Material type you want to filter	Steel	All items that have that info should be showing	Table should update live	All items that have that info should be showing	PASS	2	
TC-019	Filter by Color	Part must exist in Database	Click checkbox of Color you want to filter	While	All items that have that info should be showing	Table should update live	All items that have that info should be showing	PASS	2	
TC-020	Filter by Type	Part must exist in Database	Click checkbox of Type you want to filter	Gutter	All items that have that info should be showing	Table should update live	All items that have that info should be showing	PASS	2	
TC-021	Edit Part Number	Part must exist in Database	Click on a Product, click edit, then change Part number	N/A	Part number should be adjusted in the table	Table should update live	Part Number is not adjusted. The update does not make it past postgres	FAIL	2	
TC-022	Delete a product	Part must exist in Database	Click on a Product, click delete, then click delete again	N/A	Delete the product and remove from table	Table should update live	Delete the product and remove from table	PASS	2	
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