

REQUIREMENTS TRACEABILITY MATRIX									
Project Name: XYZ Company Website									
Business Requirements Document: BRD		Functional Requirements Document: FR		Non-Functional Requirements: NFR		User Requirements: UR		Compliance, Security, Performance, and Usability Requirements: CR and SR	
Business Requirement ID#	Business Requirement / Business Use case	Functional Requirement ID#	Functional Requirement / Functional Use case	Non-Functional Requirement ID#	Non-Functional Requirement / Non-Functional Use case	User Requirement ID#	User Requirements/ User Use case	Compliance, Security, Performance, and Usability Requirements ID#	Compliance, Security, Performance, and Usability Requirements/ Compliance, Security, Performance, and Usability use case
BR_1	The website should provide access to the XYZ sales system.	FR_1	The website must display a full list of XYZ Company products and services	NFR_1	The website must be completed within three to six months from the project launch date.	UR_1	The product screen accepts production information, including lot, product number, and date.	CR_1	All website functions should be compliant with city, state, and federal guidelines for international web operations for Los Angeles, Ca, Toronto, Canada, New York, NY, Paris, France, and London, England.
BR_2	The website should ensure that all displayed sales information is consistent	FR_2	The website must provide an About page containing XYZ history and other pertinent data.	NFR_2	The website must be operational 24 hours a day, 6 days a week, Monday through Saturday, and for 20 hours on Sunday, including all national holidays.	UR_2	The status screen provides the ability to produce the product lab summary report.	SR_1	The website functions should be encrypted for all transactions.
BR_3	The website should provide a screen for entering customer contacts.	FR_3	Each web page must display the company logo.	NFR_3	The website maintenance shall be performed as required from 8:00 pm to 11:59pm on Sunday.	UR_3	All customer interface screens provide the ability to print on-screen data to the printer.	PR_1	The website should be responsive to user inquiries, sales order, and transactions with response times no greater than three seconds.
BR_4	The website should provide notification to account executives when a customer opens a trouble ticket	FR_4	The website must contain all XYZ company information such as XYZ address, hours of operations, phone number(s) and email address	NFR_4	The web application shall be easy to use by all employees, including sales representative and managers.			PR_2	Internal moves to product menus and inventory should respond within two to three seconds.
BR_5	The website should provide a screen to view historical trouble tickets for a customer	FR_5	The web application shall accept customer orders	NFR_5	The web application shall be available in several languages, including English, Spanish, Japanese, French, and Italian.			USR_1	The web interface for the sales repository shall be responsive allowing for proper display on multiple devices for both personal and business purposes.
BR_6	The website should provide the capability to provide an optional survey whenever a customer cancels their account	FR_6	The web application shall be able to process a sale and accept payment.	NFR_6	The web application shall allow several sales to be made at the same time without downgrading performance.				
BR_7	The system shall generate a weekly report of product order changes to include customer name, product affected, date of change, type of change, product description, and product inventory at time of change.	FR_7	The web application shall produce a receipt detailing a customer's purchase information and include the name of the customer, the items purchased, the cost of each item, and the total cost.						
BR_8	The system shall generate a weekly product inventory report to include product name, product description, product inventory amount, product threshold amount, product owner name	FR_8	The web application shall be able to produce weekly, monthly, and yearly reports about sales.						
BFR_9	The user interface for the product repository shall be responsive, allowing for proper display on tablet, laptop, and desktop devices.								
BR_10	Ensure that login pages are encrypted								

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BR_11	Ensure that data validation is done server-side								
BR_12	Manage the website via encrypted connections at all times								
BR_13	Enforce strong, cross platform compatible encryption								
BR_14	Enforce key-based authentication over password authentication								