

		Functional Requirement —
-	3.	1 William Indiana
	•	un authentication — Implement role - band auch control for inventory managers, and Admin were.
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	•	Inventory management - manage stock levels for newarchouse. Add or update stocks freeze
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	•	Orden management - create new purchase order with order date, delivery date & items
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	posite	The Theory of the state of the
	(SI)	Stock adjustment - update inventory upon the successful receipt of goods.
		* XVII LAHIMBAUA.
	•	Reporting - trenerate inventory, order, and supplier
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	4.000	Interface Requirementation supportations date and so
	•	The yestern should have dean responsible interface
	•	The system should have dean neuponisus interface Interface with external systems like accounting software The system should communicate using secure protoiols.
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	5.	Performance Requirement
	• 0	The system should be able to handle 1,000 consument
		wers.
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Average response time should not exceed 1.5 5. Stock updates should reflect arross the system. Deign Constraint The system must use a relational database to ensure data integrity

Implement data validation and error handling to present inconsistencies. Non - Functional Regiurement · Seavrity - use role-based anews control to restrict
unauthorized operation.

Scalability - Optimize database queries to handle large
datasets essiciently. Maintainability - the a modular rode structure for early usability - The system should be intuitive, with clear 8. Protiminary Schedule and Budget Budget estimate some to make the Development: \$ 60,000

Testing: \$ 15,000 Mandware 4 software: \$ 20,000 Miscellaneous: \$5,000 Total estimaled budget: \$100,000

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