Requirements Review #1

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Requirements Review Team

Role	Member	Persona
Requirements Engineer/Facilitator	Keaton Ramey	27 y/o requirements engineer who has held the job for 3 years, cares deeply, and wants a promotion.
Customer/Business Stakeholder	Ethan Daniels	Experienced business stakeholder specializing in apparel, focused on integrating innovative e-commerce solutions to enhance customer experience.
End User of the System	Michael Hoffman	30 y/o parent that wants to create custom t-shirts for his son's soccer team.
Developer/Technical	Sam Skinner	Fullstack developer who wants to ensure the requirements outlined are attainable

Problem List

	Problem	Detailed Description	Specific Location	Reported By
1	Lack of Specificity	The image upload format was unspecified	Section 2.2	Developer
2	Accessibility	Absence of accessibility features for disabled users in both front-end and back-end designs.	Section 3.1.1.1	Customer/Business Stakeholder
3	Lack of Specificity	Orders can be returned before being received	Section 2.2	Developer

4	Too small of a scope	Scope does not mention the backend of the website	Section 1.2	Developer
5	Language	Lack of support for multiple common languages.	Section 3.5.4	Customer/Business Stakeholder
6	Missing Functional Requirement	No mechanism for viewing live sales and inventory data.	Section 3.1.1.2	Customer/Business Stakeholder
7	Lack of Accessibility	No mention of accessibility in project scope	Section 1.2	Developer
8	Lack of specificity	No mention of specific user privacy regulations	Section 2.4	Customer/Business Stakeholder
9	Performance Monitoring	Absence of tools to monitor system performance in real-time.	Section 3.1.1.2	Customer/Business Stakeholder
10	Missing Non-Functional Requirement	The amount of required scalability is ambiguous	Section 1.2	Developer
11	Missing Non-Functional Requirement	Encryption method/standard is not mentioned for data transfer	Section 3.1.4	Developer
12	Missing Functional Requirement	The customer does not receive a receipt as proof of purchase.	Section 3.2.1.1b	End User
13	Usability	The system does not include parameters on color palette design that are friendly to those who are colorblind	Section 3.5.4	End User

14	Missing Functional Requirement	Users are not able to view previous or current orders.	Section 3.2.1	End User
15	Missing Functional Requirement	No detailed way for administrators to update prices on items	Section 3.2.2	End User
16	Completeness problem	No mention of pre-made designs offered, only discussing custom designs.	Section 1.2	Requirements Engineer
17	Completeness problem	No mention of pages for browsing shirts to buy.	Section 1.2	Requirements Engineer
18	Clarity	*"contains all of the functional and nonfunctional requirements of the system as well as specifications of the relationships between variables and states."* is unclear	Section 1.5	Requirements Engineer
19	Completeness /Testability	A list of testable requirements is missing	3.2	Requirements Engineer
20	Testability/Clarity	"The system shall be easily understandable by screen readers" needs to be remade to be testable	3.5.4	Requirements Engineer
21	Phrasing	Language – Shall, must, etc. is needed	3.2.1.3	Requirements Engineer

Action List

	Action	Detailed Description	Problem(s) This Addresses	Assignee

	Specify requirements.	Specify that the T-shirt's images must be a PNG or a JPEG.	1	Developer
2	Add accessibility features	Implement comprehensive accessibility features across all interfaces.	2	Customer/Business Stakeholder
3	Change the order of operations	Require that users receive their order before initiating a return.	3	Developer
4	Widen the scope of the project	Add information about the scope of the backend	4	Developer
5	Make available to more languages	Develop and integrate support for multiple languages.	5	Customer/Business Stakeholder
6	Fix inventory system	Implement a system that shows sales and inventory data in real-time	6	Customer/Business Stakeholder
7	Add accessibility requirements	Mention accessibility in the project	7	Developer
8	Specify privacy standards	Specify that the system must be GDPR compliant in the project's constraints	8	Developer

9	Add real-time data viewers	Specify backend systems that show the website's current performance	9	Customer/Business Stakeholder
10	Add Non-Functional Requirement	Specify the amount of scalability that is required for the system	10	Developer
11	Add Non-Functional Requirement	Specify the encryption standard to be used.	11	Developer
12	Add Functional Requirement	After the user inputs payment and shipping information, they shall receive a proof of purchase receipt.	12	End User
13	Add Usability requirement	The system shall have a color palette with enough contrast so those with color blindness can easily view and use it.	13	End User
14	Add Functional Requirement	The system shall allow users to view previous and current orders.	14	End User
15	Add Functional Requirement	The system shall allow the Administrator to change and manage prices for items within the store.	16	End User

16	Add additional elements	The system shall include pages where customers can browse premade designs.	17	Requirements Engineer
17	Add additional elements	The system shall include pages where customers can order pre-designed shirts in various sizes	18	Requirements Engineer
18	Add more clarity	Add clarity to how "specifications of the relationships between variables and states" relate to the software.	19	Requirements Engineer
19	Add testable requirements	Include a list of testable requirements	20	Requirements Engineer
20	Rephrase the requirement to be testable.	The software shall enable blind users to navigate the site using a screen reader.	21	Requirements Engineer
21	Phrasing	3.2.1.3 requirement will be rephrased to use "shall"	22	Requirements Engineer