**[A green sign with white text

Description automatically generated](https://www.smartsheet.com/try-it?trp=11943&utm_source=template-word&utm_medium=content&utm_campaign=Software+Product+Requirement+Example-word-11943&lpa=Software+Product+Requirement+Example+word+11943)SOFTWARE PRODUCT REQUIREMENTS TEMPLATE EXAMPLE**

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| --- | --- | --- | --- |
| SOFTWARE PRODUCT TITLE | Online Marketplace: ShopConnect |  |  |
| AUTHOR | Brennan Gardiner |  |  |
| PHONE | Phone |  |  |
| EMAIL |  |  |  |
| ADDRESS | 123 First Avenue, Suite 24C | Person holding credit card using laptop |  |
| DATE | MM/DD/YY |  |  |
| SOFTWARE OVERVIEW |  |  |  |
| ShopConnect is an online marketplace connecting local artisans with customers seeking unique handmade goods. It provides a platform for artisans to showcase and sell their products while enabling users to discover and purchase personalized, artisanal items. | | | |
| SOFTWARE PRODUCT OBJECTIVES | |  |  |
| Primary Objective | Enable artisans to showcase and sell handmade goods. | | |
| Secondary Objective | Facilitate secure transactions and offer personalized user experiences. | | |
| STAKEHOLDERS | |  |  |
| Primary Stakeholders | Development Team: Responsible for software design and implementation | | |
| Secondary Stakeholders | Artisan Community: Suppliers and sellers on the platform | | |
| FUNCTIONAL REQUIREMENTS | |  |  |
| ARTISAN PROFILE CREATION | | | |
| Description | Artisans can create profiles showcasing their products and expertise. | | |
| User Story / Use Case | An artisan uploads product images, descriptions, and sets prices. | | |
| Acceptance Criteria | Profile creation includes at least five product listings with images and descriptions. | | |
| SECURE TRANSACTION PROCESSING | | | |
| Description | Implement a secure payment gateway for users to buy artisan products. | | |
| User Story / Use Case | User selects a product, adds it to the cart, and securely checks out. | | |
| Acceptance Criteria | Transactions are encrypted using SSL and PCI compliance is maintained. | | |
| NON-FUNCTIONAL REQUIREMENTS | |  |  |
| PERFORMANCE | | | |
| Requirement | Platform response time should be under 3 seconds for any action. | | |
| Metrics | Measure average response time across various platform activities. | | |
| SECURITY | | | |
| Requirement | All user data should be encrypted at rest and in transit. | | |
| Data Encryption | Use AES256 encryption for sensitive information. | | |
| ASSUMPTIONS AND CONSTRAINTS | |  |  |
| Assumptions | • Platform will be built on AWS infrastructure. • Initial development budget capped at $1,000,000. | | |
| Constraints | Must comply with GDPR and regional privacy laws. | | |
| DEPENDENCIES | |  |  |
| External Dependencies | Integration with Stripe payment gateway for transaction processing. | | |
| ACCEPTANCE CRITERIA | |  |  |
| Criteria 1 | At least 100 artisan profiles created within the first month of launch. | | |
| Criteria 2 | No reported security breaches within the first six months. | | |
| RISK ANALYSIS | |  |  |
| TECHNICAL RISK | | MITIGATION STRATEGY | |
| Potential scalability issues during peak usage periods. | | Implement load balancing and scaling mechanisms. | |
| MARKET RISK | | CONTINGENCY PLAN | |
| Changes in consumer preferences impacting artisanal goods. | | Continuous market research to adapt to changing trends. | |

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| PRIORITY EFFORT | |  |  |
| FEATURE | PRIORITY LEVEL | ESTIMATED EFFORT REQUIRED | |
| Artisan Profile Creation | **High** | Estimated effort - 6 weeks | |
| Secure Transaction Processing | **Medium** | Estimated effort - 8 weeks | |
| VERSION HISTORY AND CHANGE LOG | |  |  |
| VERSION | EDITS COMPLETED BY | DATE | DESCRIPTION OF EDIT |
| 1.00 | Brennan Gardiner | MM/DD/YY | Initial draft |
| 1.10 | Makara McLean | MM/DD/YY | Updated stakeholder details |
| 1.20 | Brennan Gardiner | MM/DD/YY | Included risk analysis |
| 2.00 |  | MM/DD/YY |  |
| VISUAL AIDS |  |  |  |
| Wireframes / Mock-ups | Linked wireframe prototypes for platform layout and user interfaces. | | |

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