**Development Completion & Handoff Document**

**Project Title:**

**Enhancement of Demo E-Commerce Website – Demoblaze**

**Document Version:**

**v1.0**

**Prepared By:**

**Siddharth (Development Lead)**

**Date:** June 19, 2025

**1. Purpose**

This document outlines the features delivered by the development team based on the technical requirements provided by the application owner. It is intended to guide the QA team in their testing activities by clarifying what has been built, simulated behaviors, and any constraints or known issues.

**2. Modules Delivered**

|  |  |  |
| --- | --- | --- |
| **Module** | **Delivery Status** | **Notes** |
| User Registration | ✅ Completed | Data saved to local storage; validations implemented |
| User Login/Logout | ✅ Completed | Session simulated via session storage; logout clears session |
| Product Catalog | ✅ Completed | Static product data filtered by category (Phones, Laptops, Monitors) |
| Product Detail View | ✅ Completed | Opens a detail card with full product info (price, description, image) |
| Shopping Cart | ✅ Completed | Uses local storage; supports add/remove/update |
| Checkout Form | ✅ Completed | Form with validations; data stored for confirmation modal only |
| Confirmation Modal | ✅ Completed | Displays purchase summary; no real transaction |

**3. Implementation Notes**

* **Data Handling:** No backend; local and session storage are used to simulate user data and cart items.
* **Product Data:** Hardcoded JSON array in products.js contains all product details.
* **Form Validations:** Implemented using JavaScript and HTML5 required attributes.
* **Navigation:** All components accessible via single-page interactions (no page reload).
* **Responsiveness:** Bootstrap grid system used to ensure mobile-friendly layouts.
* **Session Timeout:** 10-minute inactivity timer implemented using setTimeout().

**4. Deliverables**

* /index.html — Main entry point
* /js/ — Folder containing:
  + login.js
  + signup.js
  + cart.js
  + checkout.js
  + products.js
* /css/style.css — Custom styling
* /assets/ — Product images
* README.txt — Setup and usage instructions
* Demoblaze\_UI\_v1.0.zip — Full zipped project folder sent to QA on Feb 19, 2025

**5. Known Limitations**

|  |  |
| --- | --- |
| **ID** | **Limitation** |
| KL-001 | No backend or real database — all data is lost on browser cache clear. |
| KL-002 | No input masking on credit card or date fields. |
| KL-003 | No email or password complexity enforcement in signup form. |
| KL-004 | Checkout form data is not saved beyond modal. |

**6. Pending Enhancements / Out of Scope**

* Integration with payment APIs
* Admin/product management backend
* Real-time stock quantity simulation

**7. Developer Recommendations for Testing**

* Test across Chrome, Firefox, and Edge browsers
* Use Developer Tools > Application tab to monitor local/session storage
* Check mobile responsiveness using Chrome’s device emulator
* Try invalid data inputs to test form validation and error handling

**8. Contact**

|  |  |  |
| --- | --- | --- |
| **Name** | **Role** | **Contact Info** |
| Siddharth | Development Lead | siddharth@demoblaze-demo.com |
| Naresh | Application Owner | naresh@demoblaze-demo.com |

**9. Approval for QA Handoff**

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| --- | --- | --- |
| **Name** | **Role** | **Signature Date** |
| Siddharth | Development Lead | June 19, 2025 |
| Vijay | QA Lead | Pending |