E-Commerce Project – Sprint 1 Deliverables

# Project Overview

**Project Name:** test

**Vision:** easy-to-use E-commerce platform that enables users to browse products, purchase online, and manage their orders seamlessly

## Goals:

* User registration & login
* Browse products
* Shopping cart
* Checkout (future)
* Admin dashboard
* Responsive UI/UX

# Product Backlog (User Stories)

* US1: Sign Up (Must)
* US2: Login (Must)
* US3: Browse Products (Must)
* US4: Add to Cart (Must)
* US5: Search Products (Should)
* US6: Checkout (Must)
* US7: Track Orders (Should)
* US8: Wishlist (Could)
* US9: Review Products (Could)
* US10: Admin – Add Products (Must)
* US11: Admin – Edit Products (Must)
* US12: Admin – Delete Products (Must)
* US13: Admin – View Sales Reports (Should)

# Sprint 1

**Sprint Goal:** Deliver foundation (User account + Browse products)

* US1: Sign Up
* US2: Login
* US3: Browse Products
* **User Story #1**

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| **User Story ID** | US #1 |
| **User Story Name** | User Sign-up |
| **Actors** | User (Customer) |
| **Description** | **As a user I’d like to be able to sign up to the application So that I can create an account and access its services** |
| **Pre condition** | User is not registered |
| **Post condition** | A new user account is created in the system.  User receives a confirmation message/email. |
| **Acceptance Criteria** | **Given I’m a new user on the sign-up page**  **When I fill in valid information (email, username, password) and click “Sign Up”**  **Then the system creates my account and shows a confirmation message** |

* **User Story #2**

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| **User Story ID** | US #2 |
| **User Story Name** | User Login |
| **Actors** | User (Customer) |
| **Description** | **As** a user  **I'd like** to be able to login to the application  **So** that I can sign in and access its services |
| **Pre condition** | User has an active registered account. |
| **Post condition** | User is authenticated and redirected to the homepage/dashboard.  Invalid attempts are logged and appropriate error messages displayed |
| **Acceptance Criteria** | **Given I am a registered user on the login page,**  **When I enter valid credentials,**  **Then I should be successfully logged in and redirected to the homepage.**  **Given I enter invalid credentials,**  **When I attempt to log in,**  **Then the system should reject the login and display an error message.** |

* **User Story #3**

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| **User Story ID** | US #3 |
| **User Story Name** | Browse Products |
| **Actors** | User (Customer) |
| **Description** | **As a user I’d like to browse products So that I can explore available items** |
| **Pre condition** | Products are available in the system catalog. |
| **Post condition** | Product catalog is displayed with details (name, price, image). |
| **Acceptance Criteria** | **Given I am on the product catalog page,**  **When I browse the store,**  **Then I should see a list of available products with details (name, price, image).**  **And products should be paginated or scrollable if the list is large.** |

* **User Story #4**

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| **User Story ID** | US #4 |
| **User Story Name** | User Add to Cart |
| **Actors** | User (Customer) |
| **Description** | **As a customer,**  **I want to add items to my cart**  **so that I can purchase them later.** |
| **Pre condition** | User is logged in |
| **Post condition** | Product is added to cart. |
| **Acceptance Criteria** | **Given I am on a product page,**  **When I click "Add to Cart",**  **Then the product is added to my cart.** |

* **User Story #5**

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| **User Story ID** | US #5 |
| **User Story Name** | User Search Products |
| **Actors** | User (Customer) |
| **Description** | **As a customer I’d like to be able to search products So that I can quickly find what I need.** |
| **Pre condition** | Products exist in catalog. |
| **Post condition** | Search results are displayed. |
| **Acceptance Criteria** | **Given I am on the catalog page**  **When I enter a search keyword**  **Then products matching the query are displayed.** |

* **User Story #6**

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| **User Story ID** | US #6 |
| **User Story Name** | Checkout |
| **Actors** | User (Customer) |
| **Description** | **As a customer I’d like to be able to checkout So that I can complete my purchase.** |
| **Pre condition** | User has items in cart. |
| **Post condition** | Order is placed successfully. |
| **Acceptance Criteria** | **Given I have items in my cart**  **When I proceed to checkout and provide shipping/payment details Then my order is confirmed.** |

* **User Story #7**

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| **User Story ID** | US #7 |
| **User Story Name** | User Track Orders |
| **Actors** | User (Customer) |
| **Description** | **As a customer I’d like to be able to track my orders So that I can monitor delivery progress** |
| **Pre condition** | User has placed an order |
| **Post condition** | Order status is displayed. |
| **Acceptance Criteria** | **Given I have placed an order**  **When I visit "My Orders"**  **Then I should see the current status**  **(processing, shipped, delivered).** |

* **User Story #8**

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| **User Story ID** | US #8 |
| **User Story Name** | User Wishlist |
| **Actors** | User (Customer) |
| **Description** | **As a customer I’d like to be able to add products to a wishlist So that I can save them for later.** |
| **Pre condition** | User is browsing products.  User is logged in |
| **Post condition** | Item is stored in wishlist. |
| **Acceptance Criteria** | **Given I am browsing products**  **When I click "Add to Wishlist"**  **Then the product is saved to my wishlist.** |

* **User Story #9**

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| **User Story ID** | US #9 |
| **User Story Name** | User Review Products |
| **Actors** | User (Customer) |
| **Description** | **As a customer I’d like to be able to review products So that I can share my experience with others.** |
| **Pre condition** | User has purchased a product. |
| **Post condition** | Review is visible on product page. |
| **Acceptance Criteria** | **Given purchased a product**  **When I submit a review with text/rating**  **Then tit is displayed on the product page.** |

* **User Story #10**

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| **User Story ID** | US #10 |
| **User Story Name** | Admin Add Products |
| **Actors** | Admin |
| **Description** | **As an admin I’d like to be able to add products So that hey appear in the catalog** |
| **Pre condition** | Admin is logged in. |
| **Post condition** | New product is added to catalog. |
| **Acceptance Criteria** | **Given I am an admin**  **When I enter product details (name, price, stock, image),**  **Then the product is added to catalog.** |

* **User Story #11**

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| **User Story ID** | US #11 |
| **User Story Name** | Admin Edit Products |
| **Actors** | Admin |
| **Description** | **As an admin I’d like to be able to edit products So that catalog details are updated** |
| **Pre condition** | Product exists in catalog |
| **Post condition** | Product details are updated. |
| **Acceptance Criteria** | **Given I am an admin**  **When I update product details**  **Then the changes are saved and reflected in catalog.** |

* **User Story #12**

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| **User Story ID** | US #12 |
| **User Story Name** | Admin Delete Products |
| **Actors** | Admin |
| **Description** | **As an admin I’d like to be able to delete products So that unavailable items are removed** |
| **Pre condition** | Product exists in catalog. |
| **Post condition** | Product is removed from catalog. |
| **Acceptance Criteria** | **Given I am an admin**  **When I delete a product**  **Then it is removed from the catalog.** |

* **User Story #13**

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| **User Story ID** | US #13 |
| **User Story Name** | Admin View Sales Reports |
| **Actors** | Admin |
| **Description** | **As an admin I’d like to be able to view sales reports So that I can analyze business performance** |
| **Pre condition** |  |
| **Post condition** | Reports are generated and displayed. |
| **Acceptance Criteria** | **Given I am an admin**  **When I access the reports dashboard**  **Then I can view sales statistics (orders, revenue, best-selling products).** |

# Use Case Diagram (Sprint 1 Scope)

**Actor:** User

* Sign Up
* Login
* Browse Products

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# Sprint Review Checklist

* US1 – Sign Up  UI Mockup  Status/Notes pending
* US2 – Login  UI Mockup  Status/Notes pending
* US3 – Browse Products  UI Mockup  Status/Notes pending

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