# Event Products E-commerce Platform

# Product Requirements Document (PRD)

## Ayojon — Multi-Vendor E-Commerce Platform for Event Products & Rentals

**Status:** Draft

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## 1. Executive Summary

Ayojon is a multi-vendor e-commerce platform specializing in event-related products and rentals, targeting South Asian users, primarily in Bangladesh. The platform enables multiple vendors to sell and rent event products (decorations, sound systems, lighting, furniture, catering supplies, photography equipment, etc.) while providing consumers with a unified shopping experience similar to Daraz or AliExpress—featuring robust product filtering, local payment methods (COD, bKash, Nagad), and a seamless mobile-first experience.

Unlike general e-commerce platforms, Ayojon is the **one-stop destination for all event needs**—whether planning a wedding, birthday, corporate event, or any celebration.

**Scope:** Frontend prototype with mock data simulation demonstrating the complete e-commerce experience.

**One-Line Pitch:** "The Daraz for events—shop and rent everything you need for any occasion, from hundreds of vendors in one place."

Wireframe/Prototype/Design:

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## 2. Product Vision & Goals

**Vision:** Deliver a polished, production-ready frontend prototype that demonstrates the complete e-commerce shopping experience for event products, comparable to leading platforms like Daraz and AliExpress.

**Primary Goals:**

- Build a fully functional e-commerce UI with product-centric browsing
- Implement comprehensive product filtering and sorting (like Daraz/AliExpress)
- Support both rental and purchase product flows
- Support dark/light theme switching
- Demonstrate local payment flows (COD, bKash, Nagad, card)
- Achieve Lighthouse performance score > 90

**Target Market:** South Asian users, primarily English-speaking Bangladesh (BDT ৳). Target segments include:

- Individuals planning personal events (weddings, birthdays, anniversaries)
- Corporate event organizers
- Event management companies
- Small businesses needing event supplies

**Device Priority:** Mobile (70%), Desktop (25%), Tablet (5%)

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## 3. Story Point Reference

| Points | Complexity | Typical Effort |
|--------|------------|----------------|
| 1 | Trivial | < 2 hours |
| 2 | Simple | 2-4 hours |
| 3 | Moderate | 4-8 hours |
| 5 | Complex | 1-2 days |
| 8 | Very Complex | 2-3 days |
| 13 | Large | 3-5 days |

## 4. Epic Overview

| Epic | Description | Priority | Total Points |
|------|-------------|----------|--------------|
| E1 | Homepage & Navigation | P0 | 94 |
| E2 | Product Discovery & Search | P0 | 68 |
| E3 | Product Detail Page | P0 | 60 |
| E4 | Shopping Cart | P0 | 52 |
| E5 | Checkout & Payment | P0 | 68 |
| E6 | User Account | P0 | 47 |

| Epic | Description | Priority | Total Points |
|------|-------------|----------|--------------|
| E7 | Order Management | P1 | 42 |
| E8 | Vendor Storefront | P1 | 26 |
| E9 | Reviews & Ratings | P1 | 13 |
| E10 | Notifications | P2 | 13 |
| **Total** | | | **483** |

## 5. Epic 1: Homepage & Navigation

**Total Points: 94**

### 5.1 Feature: Global Header

**Description:** Persistent header providing site-wide navigation, search, and user actions.

**User Stories**

**US-1.1:** As a visitor, I want to see the site logo so I can identify the brand and click to return home.

| Points | Priority |
|--------|----------|
| 2 | P0 |

- **Acceptance Criteria:**
    - Logo displayed in header on all pages
    - Clicking logo navigates to homepage
    - Logo adapts for light/dark themes
    - Tagline "Everything for Your Events" visible on desktop

**US-1.2:** As a shopper, I want to search for products so I can quickly find what I need.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
  - Search bar prominently visible in header (full width on mobile)
  - Placeholder text: "Search for event products, decorations, rentals…"
  - Search icon triggers search on click
  - Enter key triggers search
  - Navigates to search results page with query

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**US-1.3:** As a shopper, I want to see my cart item count so I know how many items I've added.

| Points | Priority |
|---|---|
| 3 | P0 |

- **Acceptance Criteria:**
  - Cart icon displayed in header
  - Badge shows item count (hidden if 0)
  - Clicking icon opens cart drawer
  - Count updates immediately when items added/removed

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**US-1.4:** As a user, I want to access my account so I can sign in or view my profile.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - User icon/button in header
  - Shows "Sign In" for guests
  - Shows user name/avatar for logged-in users
  - Dropdown with: Profile, Orders, Wishlist, Sign Out

**US-1.5:** As a shopper, I want to access my wishlist so I can view saved items.

| Points | Priority |
| --- | --- |
| 2 | P1 |

- **Acceptance Criteria:**
    - Heart icon in header
    - Badge shows wishlist count
    - Clicking navigates to wishlist page

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## 5.2 Feature: Main Navigation Menu

**Description:** Category-based navigation for browsing the product catalog.

**User Stories**

**US-1.6:** As a shopper, I want to browse product categories so I can explore available products.

| Points | Priority |
| --- | --- |
| 8 | P0 |

- **Acceptance Criteria:**
    - "All Categories" button triggers mega menu
    - Mega menu shows all top-level categories with icons
    - Categories: Decorations, Sound & Audio, Lighting, Furniture & Seating, Stage & Backdrops, Catering & Tableware, Photography & Video, Tents & Canopies, Invitations & Stationery, Costumes & Attire, Party Supplies, Tools & Equipment
    - Hovering category shows subcategories
    - Clicking category/subcategory navigates to category page
    - Menu closes on outside click or navigation

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**US-1.7:** As a shopper, I want to filter by event type so I can find products for my specific occasion.

| Points | Priority |
|---|---|
| 3 | P0 |

- **Acceptance Criteria:**
  - "Shop by Event" dropdown in navigation
  - Event types: Wedding, Birthday, Corporate Event, Baby Shower, Anniversary, Graduation, Religious Event, Festival, Funeral/Memorial
  - Clicking event type navigates to filtered product listing

**US-1.8:** As a deal-seeker, I want quick access to deals so I can find discounted products.

| Points | Priority |
|---|---|
| 2 | P0 |

- **Acceptance Criteria:**
  - "Deals" link in main navigation
  - Navigates to deals page
  - Visual indicator (badge/icon) when flash deals are active

**US-1.9:** As a shopper, I want to browse rental products so I can find items to rent.

| Points | Priority |
|---|---|
| 2 | P0 |

- **Acceptance Criteria:**
  - "Rentals" link in main navigation
  - Navigates to rental products listing
  - Clear distinction from purchase products

**US-1.10:** As a shopper, I want to see new arrivals so I can discover recently added products.

| Points | Priority |
|--------|----------|
| 1 | P1 |

- **Acceptance Criteria:**
    - "New Arrivals" link in navigation
    - Navigates to new arrivals page (products from last 14 days)

### 5.3 Feature: Hero Carousel

**Description:** Promotional banner carousel showcasing current campaigns and deals.

**User Stories**

**US-1.11:** As a visitor, I want to see current promotions so I can discover deals and campaigns.

| Points | Priority |
|--------|----------|
| 8 | P0 |

- **Acceptance Criteria:**
    - Full-width carousel displayed below header
    - Shows 5-8 promotional banners
    - Each slide has: headline, supporting text, CTA button, background image
    - Content examples: "Wedding Season Sale - Up to 50% Off", "Rent Sound Systems from ৳500/day"
    - Auto-rotates every 5 seconds
    - Pauses on hover

**US-1.12:** As a visitor, I want to navigate the carousel so I can view all promotions.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
  - Left/right arrow buttons visible
  - Pagination dots indicate current slide
  - Clicking dot navigates to that slide
  - Swipe support on mobile

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**US-1.13:** As a visitor, I want to act on promotions so I can access the advertised deals.

| Points | Priority |
| --- | --- |
| 2 | P0 |

- **Acceptance Criteria:**
  - Each slide has a CTA button ("Shop Now", "Rent Now", etc.)
  - Clicking CTA navigates to promotion target (category, collection, product)

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**5.4 Feature: Flash Deals Section**

**Description:** Time-limited deals with countdown timers.

**User Stories**

**US-1.14:** As a deal-seeker, I want to see flash deals on the homepage so I can find time-limited offers.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - "Flash Deals" section with master countdown timer
  - Horizontal scrollable grid of deal product cards
  - 5 cards visible on desktop, 2 on mobile
  - "View All" link to full flash deals page

**US-1.15:** As a deal-seeker, I want to see deal details on each card so I can evaluate the offer.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - Product card shows: product image, title (2 lines max), current price, original price (strikethrough), discount percentage badge, "For Rent" or "For Sale" tag
  - Individual countdown timer on each card
  - Stock sold progress bar ("75% claimed")
  - Vendor name

**US-1.16:** As a shopper, I want to quickly add deal items to cart so I can secure the deal.

| Points | Priority |
|---|---|
| 3 | P0 |

- **Acceptance Criteria:**
  - "Add to Cart" button on deal card
  - For rentals: opens date picker modal first
  - Button shows "Added ✓" for 2 seconds after click
  - Cart count updates immediately

**5.5 Feature: Category Grid**

**Description:** Visual grid of product categories for quick access.

**User Stories**

**US-1.17:** As a shopper, I want to see category icons so I can browse by product type.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - "Shop by Category" section header
  - Grid of category cards with icons/images
  - 6 categories per row (desktop), 3 (mobile)
  - Each card shows: category icon/image, category name, product count
  - Clicking category navigates to category page

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**5.6 Feature: Event Type Quick Links**

**Description:** Visual shortcuts to shop by event type.

**User Stories**

**US-1.18:** As a shopper, I want to see event type shortcuts so I can quickly find products for my event.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - "Shop by Event" section
  - Horizontal scrollable pills/cards
  - Event types with icons: Wedding, Birthday, Corporate, Baby Shower, etc.
  - Clicking navigates to products filtered by that event type

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**5.7 Feature: Product Grid (Homepage)**

**Description:** Main product listing on homepage with products from multiple vendors.

**User Stories**

**US-1.19:** As a shopper, I want to browse products on the homepage so I can discover items.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - "Just For You" / "Recommended Products" section
  - Product grid below categories
  - 5 products per row (desktop), 2 (mobile)
  - Initial load: 20 products
  - Loading skeleton shown while fetching
  - Mix of products from various vendors

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**US-1.20:** As a shopper, I want to see key product info on each card so I can evaluate items quickly.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - Product card shows: product image, discount badge (if applicable), "Rental" or "Sale" tag, title (2 lines max), vendor name, rating (stars + count), current price, original price (if discounted), "Free Shipping" indicator (if applicable)
  - "Ayojon Choice" badge for curated products

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**US-1.21:** As a shopper, I want to interact with product cards so I can take quick actions.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - Hover shows slight elevation and action buttons
  - Favorite button (heart) toggles wishlist status
  - "Add to Cart" button (for purchase items)
  - "Check Dates" button (for rental items)
  - Clicking image/title opens product detail page

**US-1.22:** As a shopper, I want infinite scroll so I can browse more products without pagination clicks.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - More products load automatically when scrolling near bottom
  - Loading indicator shown during fetch
  - Graceful handling when no more products

## 5.8 Feature: Top Vendors Section

**Description:** Showcase of featured/verified vendors.

**User Stories**

**US-1.23:** As a shopper, I want to see featured vendors so I can discover trusted sellers.

| Points | Priority |
|---|---|
| 5 | P1 |

- **Acceptance Criteria:**
  - "Top Vendors" section with horizontal scrollable cards
  - Vendor card shows: logo, name, verification badge, rating, product count, specialty (e.g., "Decorations", "Sound Systems"), "Visit Store" button
  - Clicking card navigates to vendor storefront

## 5.9 Feature: Trust & Value Props Section

**Description:** Trust indicators and platform benefits.

**User Stories**

**US-1.24:** As a visitor, I want to see trust indicators so I feel confident shopping here.

| Points | Priority |
|--------|----------|
| 2 | P1 |

- **Acceptance Criteria:**
  - Row of trust badges: "100% Authentic", "Secure Payments", "Easy Returns", "24/7 Support", "Verified Vendors"
  - Each badge has icon and label

## 5.10 Feature: Footer

**Description:** Site-wide footer with links, policies, and social connections.

**User Stories**

**US-1.25:** As a visitor, I want to access important links in the footer so I can find information about the site.

| Points | Priority |
|--------|----------|
| 3 | P1 |

- **Acceptance Criteria:**
  - Footer columns: About (About Us, Careers, Blog), Customer Service (Contact, FAQ, Shipping Info, Returns & Refunds), For Vendors (Sell on Ayojon, Vendor Center, Success Stories), Policies (Privacy Policy, Terms of Service, Cookie Policy)
  - Social media links: Facebook, Instagram, YouTube
  - Payment method icons: Visa, Mastercard, bKash, Nagad, COD
  - App download badges (placeholder)
  - Copyright notice

**US-1.26:** As a user, I want to switch themes so I can use the site in my preferred mode.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - Theme toggle (sun/moon icon) accessible in header or footer
  - Clicking toggles between light and dark mode
  - Preference persists across sessions
  - Smooth transition between themes

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## 6. Epic 2: Product Discovery & Search

**Total Points: 68**

### 6.1 Feature: Search Autocomplete

**Description:** Real-time search suggestions as user types.

**User Stories**

**US-2.1:** As a shopper, I want search suggestions so I can find products faster.

| Points | Priority |
|--------|----------|
| 8 | P0 |

- **Acceptance Criteria:**
  - Suggestions appear after typing 2 characters
  - Dropdown shows: recent searches (3 max), trending searches (3 max), product suggestions with thumbnails (5 max), category matches (3 max), vendor matches (2 max)
  - Clicking suggestion navigates to relevant page
  - Keyboard navigation (up/down arrows, enter to select)

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**US-2.2:** As a returning user, I want to see my recent searches so I can repeat past queries.

| Points | Priority |
|--------|----------|
| 3 | P1 |

- **Acceptance Criteria:**

- Recent searches section in autocomplete dropdown

- Shows last 5 searches

- "Clear" option to remove history

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**6.2 Feature: Search Results Page**

**Description:** Full search results with comprehensive filtering and sorting.

**User Stories**

**US-2.3:** As a shopper, I want to see search results so I can find matching products.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
    - Page shows "X results for '[query]'"
    - Product grid displays matching products
    - Breadcrumb: Home > Search > "[query]"
    - Empty state if no results with suggestions
    - Results count updates with filters

---

**US-2.4:** As a shopper, I want to filter search results so I can narrow down options.

| Points | Priority |
|--------|----------|
| 13 | P0 |

- **Acceptance Criteria:**
    - Filter sidebar (desktop) / bottom sheet (mobile)
    - **Filters (Daraz/AliExpress style):**
        - **Category** (hierarchical multi-select with counts)
        - **Event Type** (multi-select: Wedding, Birthday, Corporate, etc.)
        - **Price Range** (slider with min/max inputs in BDT)

- **Product Type** (Rental, Purchase, Both)

- **Rating** (4★ & up, 3★ & up, etc.)

- **Vendor** (multi-select, top vendors shown)

- **Location** (multi-select by district/city)

- **Shipping** (Free Shipping toggle)

- **Availability** (In Stock Only toggle, Available for Rent toggle)

- **Discount** (On Sale toggle, discount range)

- **Brand** (if applicable, multi-select)

- Active filters shown as chips above results with remove option

- "Clear All Filters" button

- Results update dynamically on filter change

- Filter counts show number of matching products

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**US-2.5:** As a shopper, I want to sort search results so I can order by preference.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
  - Sort dropdown with options: Best Match (default), Price: Low to High, Price: High to Low, Customer Rating, Newest Arrivals, Best Sellers, Most Reviews
  - Results reorder on selection
  - Selected sort option displayed

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**US-2.6:** As a shopper, I want to toggle between grid and list view so I can browse in my preferred format.

| Points | Priority |
|--------|----------|
| 3 | P1 |

- **Acceptance Criteria:**
  - Grid/List toggle icons

- Grid view: product cards in grid layout
- List view: horizontal cards with more details
- Preference persists

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**6.3 Feature: Category Pages**

**Description:** Browsable product listings by category with full filtering.

**User Stories**

**US-2.7:** As a shopper, I want to browse category pages so I can explore products by type.

| Points | Priority |
|--------|----------|
| 8 | P0 |

- **Acceptance Criteria:**
  - Category banner at top with category name and image
  - Breadcrumb showing hierarchy (Home > Decorations > Balloon Decorations)
  - Subcategory pills/tabs for quick navigation
  - Same comprehensive filter/sort functionality as search
  - Product grid with infinite scroll
  - Product count displayed

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**US-2.8:** As a shopper, I want to see featured products in a category so I can discover popular items.

| Points | Priority |
|--------|----------|
| 3 | P1 |

- **Acceptance Criteria:**
  - "Featured in [Category]" carousel at top
  - Shows top-selling or promoted products
  - Scrollable on mobile

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**6.4 Feature: Event Type Filtered Pages**

**Description:** Product listings filtered by event type.

**User Stories**

**US-2.9:** As a shopper, I want to browse products by event type so I can find everything for my occasion.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
    - Event page header with event name and themed banner (e.g., "Wedding Essentials")
    - All products tagged for that event type displayed
    - Category breakdown within event (e.g., Wedding > Decorations, Wedding > Catering)
    - Same filter/sort functionality
    - "Popular for [Event]" section

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**6.5 Feature: Special Collections**

**Description:** Curated product collections (Flash Deals, Rentals, New Arrivals).

**User Stories**

**US-2.10:** As a deal-seeker, I want a dedicated flash deals page so I can see all time-limited offers.

| Points | Priority |
|--------|----------|
| 8 | P0 |

- **Acceptance Criteria:**
    - Page title with master countdown timer
    - Tabs: Active Deals, Upcoming, Ended
    - Deal cards with individual timers
    - Stock sold progress bar on each card
    - Category filter for deals

- Sort by: Ending Soon, Biggest Discount, Price

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**US-2.11:** As a shopper, I want a dedicated rentals page so I can browse all rental products.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - "Rental Products" page
  - All products available for rent
  - Additional filter: Rental Duration (Daily, Weekly, Monthly)
  - Price shown as "৳X/day" or "৳X/week"
  - Date availability indicator

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**US-2.12:** As a shopper, I want a new arrivals page so I can see recently added products.

| Points | Priority |
|--------|----------|
| 3 | P1 |

- **Acceptance Criteria:**
  - Products sorted by date added (newest first)
  - Time filter: Today, This Week, This Month
  - Category filter
  - Standard product grid

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**US-2.13:** As a quality-focused shopper, I want an "Ayojon Choice" page so I can find curated quality products.

| Points | Priority |
|--------|----------|
| 3 | P1 |

- **Acceptance Criteria:**
  - Explanation of selection criteria
  - Products organized by category sections
  - All products have "Ayojon Choice" badge
  - Trust indicators explaining quality standards

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## 7. Epic 3: Product Detail Page

**Total Points: 60**

### 7.1 Feature: Image Gallery

**Description:** Product images with zoom and navigation.

**User Stories**

**US-3.1:** As a shopper, I want to view product images so I can see the item clearly.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - Main image (500x500 desktop, full-width mobile)
  - Thumbnail strip (5 visible, vertical on desktop, horizontal dots on mobile)
  - Clicking thumbnail updates main image
  - Image counter badge "1/8"
  - "Rental" or "For Sale" badge on images

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**US-3.2:** As a shopper, I want to zoom product images so I can see details.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**

- Hover magnifier on desktop
- Pinch-to-zoom on mobile
- Full-screen lightbox on expand icon click

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**US-3.3:** As a shopper, I want to view product videos so I can see the item in use.

| Points | Priority |
| --- | --- |
| 3 | P1 |

- **Acceptance Criteria:**
    - Video thumbnails have play button overlay
    - Clicking opens video player
    - Video plays inline or in lightbox

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### 7.2 Feature: Product Information

**Description:** Core product details and pricing.

**User Stories**

**US-3.4:** As a shopper, I want to see product details so I can make a purchase decision.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
    - Product title (H1)
    - Rating summary (stars + review count, clickable to reviews)
    - Orders/rentals count ("500+ sold" or "200+ rented")
    - Product type badge: "For Sale", "For Rent", or "Rent or Buy"
    - Stock status: "In Stock" (green), "Only X left" (orange), "Out of Stock" (red)
    - Vendor link: "Sold by [Vendor Name]" with rating (clickable)

**US-3.5:** As a shopper, I want to see pricing information so I understand the cost.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
    - **For Purchase:** Current price (large), original price (strikethrough if discounted), discount percentage badge, price per unit if applicable
    - **For Rental:** Daily rate prominently displayed, weekly/monthly rates if available, security deposit amount, "From ৳X/day" format
    - **For Both:** Toggle tabs "Buy" / "Rent" with respective pricing

**US-3.6:** As a shopper, I want to see shipping information so I know delivery options.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
    - Estimated delivery date range
    - Shipping cost or "Free Shipping" indicator
    - Delivery location (editable)
    - "Ships from [Location]"

### 7.3 Feature: Rental Configuration

**Description:** Date selection and rental terms for rental products.

**User Stories**

**US-3.7:** As a shopper, I want to select rental dates so I can book items for my event.

| Points | Priority |
|--------|----------|
| 8 | P0 |

- **Acceptance Criteria:**
  - Date range picker: "Start Date" and "End Date"
  - Calendar shows available/unavailable dates
  - Unavailable dates greyed out with tooltip "Already booked"
  - Minimum rental period enforced
  - Real-time total calculation: Daily Rate × Days
  - Security deposit shown separately

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**US-3.8:** As a shopper, I want to see rental terms so I understand the conditions.

| Points | Priority |
| --- | --- |
| 3 | P0 |

- **Acceptance Criteria:**
  - Collapsible "Rental Terms" section
  - Shows: minimum/maximum rental period, security deposit info, late return fees, damage policy, cancellation policy

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**7.4 Feature: Variant Selection**

**Description:** Selection of product variants (color, size, etc.).

**User Stories**

**US-3.9:** As a shopper, I want to select product variants so I can choose my preferred option.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - Color swatches: circular buttons with color fill, selected state highlighted, clicking updates product image

- Size buttons: button group with size labels, selected state highlighted
- Other variants as dropdown selects
- Out-of-stock variants shown as disabled with strikethrough
- Price may change based on variant

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**US-3.10:** As a shopper, I want to select quantity so I can buy/rent multiple items.

| Points | Priority |
|---|---|
| 3 | P0 |

- **Acceptance Criteria:**
  - Quantity selector: minus button, input field, plus button
  - Minimum: 1, Maximum: available stock
  - Shows "X items available" for low stock
  - For rentals: "X units available for selected dates"

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**7.5 Feature: Add to Cart Actions**

**Description:** Quantity selection and cart/wishlist actions.

**User Stories**

**US-3.11:** As a shopper, I want to add items to cart so I can purchase/rent them.

| Points | Priority |
|---|---|
| 3 | P0 |

- **Acceptance Criteria:**
  - "Add to Cart" button
  - Button shows loading state during action
  - Button shows "Added ✓" for 2 seconds after success
  - Cart icon count updates
  - Toast notification confirms addition

**US-3.12:** As a shopper, I want to buy/rent now so I can checkout immediately.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
  - "Buy Now" / "Rent Now" button
  - Adds item to cart and navigates to checkout
  - Respects selected variant, quantity, and dates

**US-3.13:** As a shopper, I want to save items to wishlist so I can purchase later.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
  - Heart icon button
  - Toggles between outline (not saved) and filled (saved)
  - Updates wishlist count in header
  - Works for guests (stored locally) and logged-in users

### 7.6 Feature: Product Description & Specs

**Description:** Detailed product information in tabs.

**User Stories**

**US-3.14:** As a shopper, I want to read product description so I can understand the item.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - Tabs: Description, Specifications, Shipping & Returns
  - Description tab shows formatted HTML content with images
  - Specifications tab shows key-value table (dimensions, material, weight, etc.)
  - Shipping tab shows delivery info and return policy

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### 7.7 Feature: Reviews Section

**Description:** Customer reviews display on product page.

**User Stories**

**US-3.15:** As a shopper, I want to see review summary so I can gauge product quality.

| Points | Priority |
| --- | --- |
| 3 | P0 |

- **Acceptance Criteria:**
  - Average rating (large number + stars)
  - Rating distribution bars (5-star to 1-star breakdown)
  - Total review count
  - "Write a Review" button (for verified purchasers/renters)

---

**US-3.16:** As a shopper, I want to read customer reviews so I can learn from others' experiences.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - Review list with: reviewer name, rating stars, date, "Verified Purchase/Rental" badge, review text, customer photos (if uploaded), helpful count
  - "Helpful" button to upvote
  - Sort by: Most Recent, Most Helpful, Highest Rated, Lowest Rated

- Filter by: rating, with photos, verified only
- Pagination or "Load More"

---

### 7.8 Feature: Related Products

**Description:** Product recommendations.

**User Stories**

**US-3.17:** As a shopper, I want to see related products so I can discover similar items.

| Points | Priority |
|--------|----------|
| 5 | P1 |

- **Acceptance Criteria:**
  - Sections: "Similar Products", "Frequently Bought/Rented Together", "From Same Vendor", "Recently Viewed"
  - Each section is a horizontal scrollable carousel
  - Standard product cards
  - "View All" link for each section

---

## 8. Epic 4: Shopping Cart

**Total Points: 52**

### 8.1 Feature: Cart Drawer

**Description:** Slide-in cart preview accessible from header.

**User Stories**

**US-4.1:** As a shopper, I want a quick cart preview so I can see my items without leaving the page.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - Clicking cart icon opens drawer from right
  - Drawer width: 400px (desktop), full-width (mobile)
  - Semi-transparent backdrop, closes on outside click
  - Header: "Your Cart (X items)" with close button
  - Scrollable item list

---

**US-4.2:** As a shopper, I want to see cart items in the drawer so I can review my selections.

| Points | Priority |
| --- | --- |
| 8 | P0 |

- **Acceptance Criteria:**
  - Items grouped by type: "Purchases" and "Rentals"
  - Each item shows: thumbnail, title, variant info, quantity, price
  - Rental items additionally show: rental dates, daily rate, total rental cost
  - Quantity adjustable inline
  - Remove button
  - Subtotals per section

---

**US-4.3:** As a shopper, I want to see cart summary so I can proceed to checkout.

| Points | Priority |
| --- | --- |
| 3 | P0 |

- **Acceptance Criteria:**
  - Purchases subtotal
  - Rentals subtotal
  - Security deposits total (for rentals)
  - Grand total

- "View Cart" and "Checkout" buttons at bottom

---

**US-4.4:** As a shopper, I want to see free shipping progress so I'm motivated to add more.

| Points | Priority |
|--------|----------|
| 3 | P1 |

- **Acceptance Criteria:**
  - Progress bar toward free shipping threshold (e.g., ৳1999)
  - Shows "৳X away from free shipping" or "You qualify for free shipping!"

---

**8.2 Feature: Cart Page**

**Description:** Full cart management page.

**User Stories**

**US-4.5:** As a shopper, I want a full cart page so I can manage my items in detail.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - Page title: "Shopping Cart (X items)"
  - Breadcrumb: Home > Shopping Cart
  - Items grouped by vendor
  - Within vendor: grouped by Purchases and Rentals
  - Order summary sidebar (desktop) / bottom section (mobile)

---

**US-4.6:** As a shopper, I want to manage cart items so I can adjust my order.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - Checkbox to select/deselect items
  - Quantity selector (updates line total)
  - "Edit Dates" for rental items (opens date picker)
  - "Save for Later" moves item to wishlist
  - "Remove" deletes item (with confirmation)
  - Select all / deselect all option

**US-4.7:** As a shopper, I want to see order summary so I know my total.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - Subtotal (sum of selected items)
  - Rental subtotal
  - Security deposits (refundable)
  - Estimated shipping
  - Discount (if coupon applied)
  - Total
  - "Proceed to Checkout" button

**US-4.8:** As a shopper, I want to apply promo codes so I can get discounts.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - "Enter promo code" input with "Apply" button
  - Success: shows discount amount, code name, remove option
  - Error: "Invalid or expired code" message
  - Multiple codes if allowed

---

**US-4.9:** As a shopper, I want to see an empty cart state so I know to add items.

| Points | Priority |
|---|---|
| 2 | P0 |

- **Acceptance Criteria:**
  - Illustration with "Your cart is empty" message
  - "Continue Shopping" button
  - "View Wishlist" link if wishlist has items

---

**US-4.10:** As a shopper, I want to be notified of item changes so I'm aware of issues.

| Points | Priority |
|---|---|
| 5 | P1 |

- **Acceptance Criteria:**
  - Alert if item went out of stock
  - Alert if price changed since adding
  - Alert if rental dates no longer available
  - Option to remove unavailable items or update

---

**US-4.11:** As a shopper, I want to see recommended products in cart so I can add more items.

| Points | Priority |
| --- | --- |
| 3 | P1 |

- **Acceptance Criteria:**
    - "You May Also Like" section below cart items
    - Horizontal scrollable product cards
    - "Add to Cart" quick action

---

## 9. Epic 5: Checkout & Payment

**Total Points: 68**

### 9.1 Feature: Checkout Flow

**Description:** Multi-step checkout process.

**User Stories**

**US-5.1:** As a shopper, I want a clear checkout flow so I can complete my purchase easily.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
    - Progress indicator: Shipping → Delivery Schedule → Payment → Review
    - Current step highlighted
    - Can navigate back to previous steps
    - Order summary visible throughout (collapsible on mobile)

---

### 9.2 Feature: Shipping Information

**Description:** Delivery address collection and selection.

**User Stories**

**US-5.2:** As a shopper, I want to enter my shipping address so my order can be delivered.

| Points | Priority |
|---|---|
| 8 | P0 |

- **Acceptance Criteria:**
    - Form fields: Full Name, Phone Number, Email (optional), Address Line 1, Address Line 2 (optional), City (dropdown), District (dropdown), Postal Code, Delivery Instructions (optional)
    - Validation on all required fields
    - Bangladesh phone format validation
    - Error messages inline

**US-5.3:** As a returning customer, I want to select a saved address so I don't have to re-enter it.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
    - List of saved addresses (radio selection)
    - Default address pre-selected
    - "Edit" opens edit modal
    - "Add New Address" shows form
    - Can delete non-default addresses

**US-5.4:** As a shopper, I want to choose delivery or pickup so I can select my preference.

| Points | Priority |
|---|---|
| 3 | P0 |

- **Acceptance Criteria:**
    - Options per vendor: Home Delivery, Self Pickup

- Home Delivery shows shipping fee
- Self Pickup shows vendor address

---

### 9.3 Feature: Delivery Scheduling

**Description:** Delivery and rental return scheduling.

**User Stories**

**US-5.5:** As a shopper, I want to choose a shipping method so I can select delivery speed.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
  - Options: Standard (৳60-120, 3-5 days), Express (৳150-200, 1-2 days), Free Shipping (orders over ৳1999, 5-7 days)
  - Cost and estimated delivery shown
  - Selection updates order summary

---

**US-5.6:** As a rental customer, I want to schedule rental delivery so items arrive before my event.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - Delivery date must be on or before rental start date
  - Time slot selection: Morning, Afternoon, Evening
  - Delivery fee displayed

---

**US-5.7:** As a rental customer, I want to schedule rental return so I know when to return items.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - Return date auto-set based on rental end date
  - Return method: Pickup by Vendor (fee may apply), Self Drop-off (free)
  - Time slot for pickup
  - Late return fee reminder

## 9.4 Feature: Payment Methods

**Description:** Payment method selection and processing UI.

**User Stories**

**US-5.8:** As a shopper, I want to pay with Cash on Delivery so I can pay when I receive my order.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - COD option with cash icon
  - Shows COD fee if applicable
  - Note for rentals: "Security deposit must be paid online"
  - Phone verification for OTP

**US-5.9:** As a shopper, I want to pay with bKash so I can use my mobile wallet.

| Points | Priority |
| --- | --- |
| 8 | P0 |

- **Acceptance Criteria:**

- bKash option with logo
- Enter registered mobile number
- Simulated redirect to bKash payment page
- Mock PIN entry
- Success/failure response
- Return to confirmation or retry

---

**US-5.10:** As a shopper, I want to pay with Nagad so I can use my preferred wallet.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - Same flow as bKash with Nagad branding

---

**US-5.11:** As a shopper, I want to pay with card so I can use my credit/debit card.

| Points | Priority |
|--------|----------|
| 8 | P0 |

- **Acceptance Criteria:**
  - Card option with Visa/Mastercard icons
  - Card form: Card Number, Expiry (MM/YY), CVV, Cardholder Name
  - Card type auto-detection
  - Simulated 3D Secure step
  - Processing animation
  - Success/failure response

---

**US-5.12:** As a returning customer, I want to use a saved payment method so checkout is faster.

| Points | Priority |
| --- | --- |
| 3 | P1 |

- **Acceptance Criteria:**
  - Saved cards shown (last 4 digits, brand)
  - Saved wallet connections shown
  - Can select or add new method

## 9.5 Feature: Order Review

**Description:** Final review before placing order.

**User Stories**

**US-5.13:** As a shopper, I want to review my order before placing it so I can confirm everything is correct.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - Summary sections: Shipping Address, Delivery Method, Payment Method, Order Items (purchases and rentals separate)
  - Rental items show: dates, daily rate, total, deposit
  - Full price breakdown
  - "Edit" links to modify each section
  - Terms agreement checkbox
  - "Place Order" button (disabled until terms accepted)

## 9.6 Feature: Order Confirmation

**Description:** Post-purchase confirmation page.

**User Stories**

**US-5.14:** As a shopper, I want order confirmation so I know my purchase succeeded.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
    - Success checkmark animation
    - Order number displayed prominently
    - "Confirmation sent to [email/phone]" message
    - Order summary: items, totals, shipping address, payment method
    - Rental dates displayed for rental items
    - Estimated delivery date
    - "Track Order" button
    - "Continue Shopping" link

## 10. Epic 6: User Account

**Total Points: 47**

### 10.1 Feature: Authentication

**Description:** User sign in and registration.

**User Stories**

**US-6.1:** As a visitor, I want to sign in so I can access my account.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
    - Sign in modal with: Email/Phone input, Password input, "Remember Me" checkbox, "Forgot Password" link, "Sign In" button, Social sign-in (Google, Facebook), "Create Account" link
    - Validation and error messages

- Successful login closes modal, updates header

---

**US-6.2:** As a visitor, I want to create an account so I can save my information.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - Registration modal with: Full Name, Email, Phone, Password (with requirements shown), Confirm Password, Terms agreement checkbox
  - Validation: unique email/phone, password strength
  - Success: account created, user logged in

---

**US-6.3:** As a user, I want to reset my password so I can regain account access.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - "Forgot Password" opens reset flow
  - Enter email/phone
  - Simulated OTP/link sent
  - Enter new password
  - Success message

---

**10.2 Feature: Account Dashboard**

**Description:** Account overview and navigation.

**User Stories**

**US-6.4:** As a user, I want an account dashboard so I can see my account summary.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - Welcome message with name and avatar
  - Quick stats: total orders, active rentals, wishlist count, review count
  - Recent orders (last 3)
  - Active rentals with return reminders
  - Navigation sidebar: Dashboard, My Orders, My Rentals, Wishlist, Addresses, Payment Methods, Profile Settings, Notifications, Sign Out

---

### 10.3 Feature: Profile Management

**Description:** Personal information editing.

**User Stories**

**US-6.5:** As a user, I want to edit my profile so I can keep my information current.

| Points | Priority |
| --- | --- |
| 5 | P0 |

- **Acceptance Criteria:**
  - Editable fields: Full Name, Email (requires verification), Phone (requires OTP), Date of Birth, Gender, Avatar (image upload)
  - Save button with confirmation

---

**US-6.6:** As a user, I want to change my password so I can maintain security.

| Points | Priority |
| --- | --- |
| 3 | P0 |

- **Acceptance Criteria:**
  - Form: Current Password, New Password, Confirm New Password
  - Password requirements displayed
  - Validation and success message

---

**10.4 Feature: Address Book**

**Description:** Saved addresses management.

**User Stories**

**US-6.7:** As a user, I want to manage my addresses so I can have multiple delivery options.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - List of saved addresses
  - Default address highlighted
  - Add new address (opens form modal)
  - Edit address (opens populated form)
  - Delete address (with confirmation, cannot delete default)
  - Set as default option

---

**10.5 Feature: Payment Methods**

**Description:** Saved payment methods management.

**User Stories**

**US-6.8:** As a user, I want to manage saved payment methods so checkout is faster.

| Points | Priority |
|--------|----------|
| 5 | P1 |

- **Acceptance Criteria:**
  - Saved cards: last 4 digits, expiry, brand icon, default badge
  - Linked wallets: bKash/Nagad phone numbers
  - Add new card (form)
  - Link new wallet
  - Remove method (with confirmation)
  - Set as default

---

**10.6 Feature: Wishlist**

**Description:** Saved items management.

**User Stories**

**US-6.9:** As a user, I want to view my wishlist so I can see saved items.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
  - Page title: "My Wishlist (X items)"
  - Product grid of saved items
  - Empty state with browse CTA

---

**US-6.10:** As a user, I want to manage wishlist items so I can take action on them.

| Points | Priority |
|--------|----------|
| 3 | P0 |

- **Acceptance Criteria:**
  - "Add to Cart" moves item to cart
  - "Remove" deletes from wishlist
  - Price drop indicator if item is now cheaper

- Out of stock indicator

---

## 11. Epic 7: Order Management

**Total Points: 42**

### 11.1 Feature: Order History

**Description:** List of past orders.

**User Stories**

**US-7.1:** As a user, I want to see my order history so I can track past purchases.

| Points | Priority |
|--------|----------|
| 8 | P0 |

- **Acceptance Criteria:**
  - Page title: "My Orders"
  - Filter tabs: All, To Pay, To Ship, To Receive, Completed, Cancelled, Returns
  - Search by order number or product name
  - Date range filter
  - Order cards showing: order number, date, status badge, item preview, item count, total, action buttons

---

**US-7.2:** As a user, I want to take actions on orders so I can manage them.

| Points | Priority |
|--------|----------|
| 5 | P0 |

- **Acceptance Criteria:**
  - "View Details" opens order detail page
  - "Track" opens tracking page
  - "Reorder" adds all items to cart

- "Cancel" (if eligible) opens cancellation flow
- "Review" for delivered items

---

## 11.2 Feature: Rental Management

**Description:** Active and past rentals management.

**User Stories**

**US-7.3:** As a user, I want to see my rentals so I can track active and past rentals.

| Points | Priority |
|--------|----------|
| 8 | P0 |

- **Acceptance Criteria:**
  - "My Rentals" page
  - Filter tabs: Active, Upcoming, Completed, All
  - Rental cards showing: order number, product info, rental dates, status, days remaining, return info
  - Countdown for active rentals ("Return in X days")

---

**US-7.4:** As a user, I want to extend my rental so I can keep items longer.

| Points | Priority |
|--------|----------|
| 5 | P1 |

- **Acceptance Criteria:**
  - "Extend Rental" button on active rentals
  - Check availability for new dates
  - Show additional cost
  - Payment for extension
  - Updated return date confirmation

**11.3 Feature: Order Detail**

**Description:** Full order information.

**User Stories**

**US-7.5:** As a user, I want to see order details so I know everything about my purchase.

| Points | Priority |
|---|---|
| 8 | P0 |

- **Acceptance Criteria:**
  - Order number and date
  - Current status with icon
  - Order timeline: Placed → Confirmed → Processing → Shipped → Delivered
  - For rentals: additional statuses (In Use → Return Due → Returned → Deposit Refunded)
  - Item list with all details
  - Order summary: subtotal, shipping, discounts, deposits, total
  - Shipping address and payment method
  - Vendor contact info

---

**11.4 Feature: Order Tracking**

**Description:** Real-time order tracking.

**User Stories**

**US-7.6:** As a user, I want to track my order so I know when it will arrive.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - Visual progress bar showing current status
  - Detailed timeline with dates/times
  - Shipment details: courier name, tracking number

- Expected delivery date

- Delivery address

- Contact options

---

**11.5 Feature: Returns**

**Description:** Return request process.

**User Stories**

**US-7.7:** As a user, I want to request a return so I can return unwanted items.

| Points | Priority |
| --- | --- |
| 5 | P1 |

- **Acceptance Criteria:**
    - "Return" button on eligible items
    - Select items to return
    - Choose reason
    - Add photos and comments
    - Select refund method
    - Submit request
    - Confirmation with return instructions

---

## 12. Epic 8: Vendor Storefront

**Total Points: 26**

**12.1 Feature: Vendor Page**

**Description:** Individual vendor storefront.

**User Stories**

**US-8.1:** As a shopper, I want to visit a vendor's store so I can see all their products.

| Points | Priority |
|---|---|
| 8 | P0 |

- **Acceptance Criteria:**
  - Store banner image
  - Store info: logo, name, verification badge, rating, follower count, response rate, member since, location
  - Navigation tabs: All Products, Categories, New Arrivals, Top Selling, About, Reviews
  - Product grid with filters and sort
  - "Follow" and "Contact" buttons

**US-8.2:** As a shopper, I want to filter vendor products so I can find what I need.

| Points | Priority |
|---|---|
| 5 | P0 |

- **Acceptance Criteria:**
  - Filter by: Category, Price, Rating, Product Type (Rental/Purchase), Availability
  - Sort by: Best Selling, Newest, Price
  - Search within store

**US-8.3:** As a shopper, I want to learn about a vendor so I can decide if they're trustworthy.

| Points | Priority |
|---|---|
| 5 | P1 |

- **Acceptance Criteria:**
  - About tab: store description, location, business hours, return policy, shipping info
  - Reviews tab: store rating summary, customer reviews

**US-8.4:** As a shopper, I want to see all vendors so I can discover new sellers.

| Points | Priority |
|--------|----------|
| 5 | P1 |

- **Acceptance Criteria:**
  - "All Vendors" page
  - Filter by: Category specialty, Rating, Location
  - Sort by: Rating, Followers, Products
  - Vendor cards with key info

**US-8.5:** As a shopper, I want to follow vendors so I can get updates on their products.

| Points | Priority |
|--------|----------|
| 3 | P1 |

- **Acceptance Criteria:**
  - "Follow" button on vendor page
  - Followed vendors appear in account
  - New product notifications (mock)

## 13. Epic 9: Reviews & Ratings

**Total Points: 13**

### 13.1 Feature: Write Review

**Description:** Review submission for purchased/rented products.

**User Stories**

**US-9.1:** As a customer, I want to write a review so I can share my experience.

| Points | Priority |
|---|---|
| 8 | P0 |

- **Acceptance Criteria:**
  - Review form (available after delivery/rental return): Star rating (1-5, required), Review text (min 20 chars, max 2000), Photo upload (up to 5 images), "Would you recommend?" toggle
  - Submit button
  - Confirmation message

**US-9.2:** As a customer, I want to rate the vendor so others know about their service.

| Points | Priority |
|---|---|
| 5 | P1 |

- **Acceptance Criteria:**
  - Separate vendor rating option
  - Rate: Product Quality, Shipping Speed, Communication
  - Optional comment
  - Contributes to vendor's overall rating

## 14. Epic 10: Notifications

**Total Points: 13**

### 14.1 Feature: Notification Center

**Description:** In-app notification management.

**User Stories**

**US-10.1:** As a user, I want to see notifications so I stay informed about my orders.

| Points | Priority |
| --- | --- |
| 8 | P1 |

- **Acceptance Criteria:**
  - Bell icon in header
  - Red badge with unread count
  - Dropdown shows recent notifications
  - Each notification: icon, message, timestamp, unread indicator
  - Types: Order Updates, Shipping, Rental Reminders, Price Drops, Promotions
  - "Mark all read" option
  - "View All" link to full page

**US-10.2:** As a user, I want to manage notification preferences so I control what I receive.

| Points | Priority |
| --- | --- |
| 5 | P2 |

- **Acceptance Criteria:**
  - Settings page section for notifications
  - Toggle by category: Order Updates, Shipping Updates, Rental Reminders, Promotions, Price Alerts
  - Toggle by channel: Email, In-App, SMS
  - Save preferences

## 15. Non-Functional Requirements

### 15.1 Performance

| Metric | Target |
| --- | --- |
| Lighthouse Performance | > 90 |
| First Contentful Paint | < 1.2s |

| Metric | Target |
|---|---|
| Largest Contentful Paint | < 2.0s |
| Cumulative Layout Shift | < 0.1 |
| Time to Interactive | < 3.0s |
| Initial Bundle Size (gzipped) | < 150KB |

## 15.2 Accessibility

- WCAG AA compliance
- Full keyboard navigation
- Screen reader support (ARIA labels)
- Color contrast ratio ≥ 4.5:1
- Visible focus indicators
- Alt text on all images

## 15.3 Browser Support

| Browser | Version |
|---|---|
| Chrome | 90+ |
| Firefox | 88+ |
| Safari | 14+ |
| Edge | 90+ |
| Mobile Safari | iOS 14+ |
| Chrome Android | 90+ |

## 15.4 Responsiveness

| Breakpoint | Width |
|---|---|
| Mobile | 320px - 639px |
| Tablet | 640px - 1023px |

| Breakpoint | Width |
|---|---|
| Desktop | 1024px - 1535px |
| Large Desktop | 1536px+ |

## 16. Sprint Planning Summary

### Points by Priority

| Priority | Total Points | Percentage |
|---|---|---|
| P0 | 369 | 76% |
| P1 | 96 | 20% |
| P2 | 5 | 1% |
| **Total** | **483** | 100% |

### Suggested Sprint Breakdown (2-week sprints, ~40 points/sprint)

| Sprint | Epics | Points | Focus |
|---|---|---|---|
| 1 | E1 (partial) | 40 | Header, Navigation, Categories |
| 2 | E1 (partial) | 42 | Hero, Flash Deals, Product Grid |
| 3 | E1 (partial) + E2 (partial) | 40 | Homepage Complete, Search Autocomplete |
| 4 | E2 (partial) | 44 | Search Results, Filters, Category Pages |
| 5 | E3 (partial) | 40 | PDP: Gallery, Info, Pricing, Rentals |
| 6 | E3 (partial) + E4 (partial) | 42 | PDP: Actions, Reviews; Cart Drawer |
| 7 | E4 (partial) + E5 (partial) | 40 | Cart Page, Checkout: Shipping |
| 8 | E5 (partial) | 39 | Checkout: Scheduling, Payments |
| 9 | E5 (partial) + E6 (partial) | 40 | Order Confirmation, Auth, Dashboard |
| 10 | E6 (partial) + E7 (partial) | 38 | Account Features, Order History |

| Sprint | Epics | Points | Focus |
|---|---|---|---|
| 11 | E7 (partial) + E8 | 42 | Rentals, Tracking, Vendor Storefront |
| 12 | E9 + E10 + Buffer | 36 | Reviews, Notifications, Polish |

## 17. Success Metrics

| Metric | Target | Method |
|---|---|---|
| Lighthouse Performance | > 90 | Chrome DevTools |
| Lighthouse Accessibility | > 95 | Chrome DevTools |
| Component Coverage | 100% of PRD | Manual QA checklist |
| Theme Consistency | Pass both modes | Visual testing |
| Filter Functionality | All filters work correctly | Automated + Manual testing |
| Task Completion Rate | > 90% | User testing |
| Checkout Flow Completion | > 80% | Flow testing |

## 18. Risk Assessment

| Risk | Probability | Impact | Mitigation |
|---|---|---|---|
| Complex filter combinations cause performance issues | Medium | High | Debounced filtering, virtualized lists |
| Rental date logic complexity | High | High | Early prototyping, thorough edge case testing |
| Mock data doesn't reflect real-world complexity | Medium | Medium | Stakeholder review of mock data |
| Theme inconsistencies | Medium | Low | Design token audit, visual regression |
| Performance issues with large product lists | Medium | Medium | Virtualization, infinite scroll, lazy loading |
| Accessibility gaps | Medium | High | WCAG audit, use accessible primitives |

| Risk | Probability | Impact | Mitigation |
|---|---|---|---|
| Scope creep | High | High | Strict PRD adherence |
| Velocity estimation off | Medium | Medium | Track actuals, adjust sprint capacity |

## 19. Glossary

| Term | Definition |
|---|---|
| **Product** | An item available for sale or rent on the platform |
| **Rental** | Temporary use of a product for a specific date range |
| **Purchase** | Permanent acquisition of a product |
| **Security Deposit** | Refundable amount held during rental period |
| **Flash Deal** | Time-limited discount offer |
| **Vendor** | Business/individual selling products on the platform |
| **Ayojon Choice** | Curated selection of high-quality products |
| **Event Type** | Category of occasion (Wedding, Birthday, etc.) used for filtering |

*End of Document*