

5-cinema-qa-checklist

QA Testing Checklist & Test Plan

Cinema Equipment Rental Platform

1. Functional Testing

1.1 Catalog & Browse Feature

TC-1.1.1: User navigates to `/en/catalog` → Equipment list displays

- Expected: Grid of 20+ equipment cards visible
- Actual: _____
- Status: Pass Fail Blocked

TC-1.1.2: User filters by category "Cameras" → Only cameras display

- Expected: List reduces to ~10 items
- Actual: _____
- Status: Pass Fail Blocked

TC-1.1.3: User searches for "Sony" → Matching items display

- Expected: Sony cameras/lenses in results
- Actual: _____
- Status: Pass Fail Blocked

TC-1.1.4: User scrolls through pagination → More items load or pages change

- Expected: Pagination or infinite scroll works
- Actual: _____
- Status: Pass Fail Blocked

TC-1.1.5: Product image loads with correct dimensions

- Expected: Image displays, not broken, scales on mobile

- Actual: _____
- Status: Pass Fail Blocked

1.2 Product Detail Page

- TC-1.2.1:** User clicks "Sony FX6" card → Detail page loads
 - Expected: URL is /en/equipment/sony-fx6 , full specs visible
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-1.2.2:** Product images display in gallery → User can view multiple images
 - Expected: Thumbnail switcher or carousel works
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-1.2.3:** User reads equipment specs (resolution, sensor, weight)
 - Expected: Specs clearly displayed, readable format
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-1.2.4:** User sees "Add to Cart" button → Is clickable
 - Expected: Button responsive, no errors
 - Actual: _____
 - Status: Pass Fail Blocked

1.3 Cart Functionality

- TC-1.3.1:** User clicks "Add to Cart" → Item added, toast notification shows
 - Expected: "✓ Added to cart" message appears
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-1.3.2:** Cart badge on navbar updates
 - Expected: Badge shows "1" (item count)
 - Actual: _____

- Status: Pass Fail Blocked

TC-1.3.3: User navigates to /en/cart → Items display correctly

- Expected: Sony FX6 listed with quantity control
- Actual: _____
- Status: Pass Fail Blocked

TC-1.3.4: User changes quantity (1 → 3) → Cart updates

- Expected: Quantity field changes, total price recalculates
- Actual: _____
- Status: Pass Fail Blocked

TC-1.3.5: User removes item → Item deleted from cart

- Expected: Item disappears, badge count decreases
- Actual: _____
- Status: Pass Fail Blocked

TC-1.3.6: User closes browser, reopens site → Cart persists

- Expected: Items still in cart (localStorage)
- Actual: _____
- Status: Pass Fail Blocked

1.4 Rental Dates

TC-1.4.1: User selects start date (Jan 15) → Displayed

- Expected: Date picker works, Jan 15 selected
- Actual: _____
- Status: Pass Fail Blocked

TC-1.4.2: User selects end date (Jan 18) → Date range shown

- Expected: "3 days" calculated and shown
- Actual: _____
- Status: Pass Fail Blocked

TC-1.4.3: Estimated total price calculated (daily_rate × days)

- Expected: FX6 (MAD 2,000/day) × 3 days = MAD 6,000

- Actual: _____
- Status: Pass Fail Blocked

1.5 Quote Request Form

TC-1.5.1: User fills form (name, email, phone, company, notes)

- Expected: All fields accept input
- Actual: _____
- Status: Pass Fail Blocked

TC-1.5.2: User submits form with valid data

- Expected: Form disappears, success page shows
- Actual: _____
- Status: Pass Fail Blocked

TC-1.5.3: User sees confirmation message with quote ID

- Expected: "Quote #QT-20250115-0042" or similar
- Actual: _____
- Status: Pass Fail Blocked

TC-1.5.4: User receives confirmation email

- Expected: Email arrives within 1 minute with items, dates
- Actual: _____
- Status: Pass Fail Blocked

TC-1.5.5: Admin receives alert email

- Expected: Admin gets notification of new quote
- Actual: _____
- Status: Pass Fail Blocked

1.6 Form Validation (Error Handling)

TC-1.6.1: User submits form without name → Error shown

- Expected: "Name is required" message in red
- Actual: _____

- Status: Pass Fail Blocked

TC-1.6.2: User enters invalid email → Error shown

- Expected: "Valid email required" message
- Actual: _____
- Status: Pass Fail Blocked

TC-1.6.3: User submits empty cart → Error or warning shown

- Expected: "Your cart is empty" message or disabled submit
- Actual: _____
- Status: Pass Fail Blocked

TC-1.6.4: Server-side validation catches malicious input

- Expected: Script injection attempt ignored; data sanitized
- Actual: _____
- Status: Pass Fail Blocked

1.7 Blog Feature

TC-1.7.1: User navigates to /en/blog → Post list displays

- Expected: 5+ blog cards visible
- Actual: _____
- Status: Pass Fail Blocked

TC-1.7.2: User clicks on blog post → Detail page loads

- Expected: Full post content, cover image, author
- Actual: _____
- Status: Pass Fail Blocked

TC-1.7.3: Post includes publication date

- Expected: "Published on Jan 5, 2025" visible
- Actual: _____
- Status: Pass Fail Blocked



2. Multilingual (i18n) Testing

2.1 Language Switching

- TC-2.1.1:** User clicks "FR" in navbar → Page switches to French
 - Expected: URL becomes `/fr/catalog`, all text in French
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-2.1.2:** Equipment names display in French
 - Expected: "Sony FX6" → "Sony FX6" (or translated if available), "Caméra" instead of "Camera"
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-2.1.3:** Form labels in French
 - Expected: "Nom" instead of "Name", "E-mail", "Téléphone"
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-2.1.4:** Blog posts available in French
 - Expected: `/fr/blog/` shows French-titled posts
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-2.1.5:** Language preference persists on navigation
 - Expected: User stays in FR as they navigate pages
 - Actual: _____
 - Status: Pass Fail Blocked

2.2 Content Consistency

- TC-2.2.1:** Equipment translation complete (name, description)
 - Expected: No "TBD" or English fallback on FR pages
 - Actual: _____
 - Status: Pass Fail Blocked

TC-2.2.2: All UI text translated

- Expected: No English words on FR pages
 - Actual: _____
 - Status: Pass Fail Blocked
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3. Admin & Security Testing

3.1 Authentication

TC-3.1.1: Admin logs in with correct credentials

- Expected: Redirect to /admin dashboard
- Actual: _____
- Status: Pass Fail Blocked

TC-3.1.2: Admin logs in with incorrect password → Error shown

- Expected: "Invalid credentials" message
- Actual: _____
- Status: Pass Fail Blocked

TC-3.1.3: Non-admin cannot access /admin

- Expected: Redirects to login or home page
- Actual: _____
- Status: Pass Fail Blocked

TC-3.1.4: Admin session persists across page refreshes

- Expected: Stays logged in
- Actual: _____
- Status: Pass Fail Blocked

TC-3.1.5: Admin logs out → Session cleared

- Expected: Redirect to login; cannot access /admin without re-login
- Actual: _____
- Status: Pass Fail Blocked

3.2 Equipment Management (PocketBase Admin UI)

- TC-3.2.1:** Admin adds new equipment
 - Expected: Form accepted; item appears in collection
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-3.2.2:** Admin uploads product images
 - Expected: Images stored; appear on public site
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-3.2.3:** Admin edits equipment name
 - Expected: Changes visible on public site (within ISR window)
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-3.2.4:** Admin publishes/unpublishes item (visibility toggle)
 - Expected: Hidden item disappears from public catalog
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-3.2.5:** Admin deletes equipment
 - Expected: Item removed; not in catalog; existing carts show warning
 - Actual: _____
 - Status: Pass Fail Blocked

3.3 Quote Management

- TC-3.3.1:** Admin views all quotes (PocketBase admin)
 - Expected: List of pending/approved/rejected quotes
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-3.3.2:** Admin filters quotes by status
 - Expected: Can see only "pending" or only "approved"

- Actual: _____
- Status: Pass Fail Blocked

TC-3.3.3: Admin adds internal notes to quote

- Expected: Notes saved; not visible to client
- Actual: _____
- Status: Pass Fail Blocked

TC-3.3.4: Admin changes quote status (pending → approved)

- Expected: Status updated; can trigger email to client
- Actual: _____
- Status: Pass Fail Blocked

3.4 Security Checks

TC-3.4.1: Attempt XSS: Submit `<script>alert('xss')</script>` in quote form

- Expected: Script doesn't execute; appears as text (escaped)
- Actual: _____
- Status: Pass Fail Blocked

TC-3.4.2: Attempt to access API as non-admin

- Expected: 403 Forbidden error (PocketBase rules enforced)
- Actual: _____
- Status: Pass Fail Blocked

TC-3.4.3: Quote form rate-limited (submit >5 quotes in 1 hour)

- Expected: 6th attempt blocked; "Too many requests" message
- Actual: _____
- Status: Pass Fail Blocked

TC-3.4.4: HTTPS enforced on all pages

- Expected: No mixed content warnings; lock icon in browser
- Actual: _____
- Status: Pass Fail Blocked

4. SEO Testing

4.1 Metadata

- TC-4.1.1:** Home page has correct <title> tag
 - Expected: "Cinema Equipment Rental | [Site Name]" (EN) or French version
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-4.1.2:** Meta description present and under 160 chars
 - Expected: Description visible in Google search result
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-4.1.3:** Canonical tag present
 - Expected: <link rel="canonical" href="https://domain.com/en/catalog">
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-4.1.4:** Open Graph tags present (for social sharing)
 - Expected: og:title , og:description , og:image in head
 - Actual: _____
 - Status: Pass Fail Blocked

4.2 Sitemaps & Robots

- TC-4.2.1:** Sitemap accessible at /sitemap.xml
 - Expected: XML file lists 50+ URLs (equipment, blog, main pages)
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-4.2.2:** Robots.txt allows crawling
 - Expected: File at /robots.txt with User-agent: * Allow: /
 - Actual: _____
 - Status: Pass Fail Blocked

4.3 Structured Data

TC-4.3.1: Equipment has JSON-LD schema

- Expected: @type: Product with name, description, image, price
- Actual: _____
- Status: Pass Fail Blocked

TC-4.3.2: Organization schema on home page

- Expected: Name, address, phone, email, logo
- Actual: _____
- Status: Pass Fail Blocked

4.4 hreflang (Language Alternates)

TC-4.4.1: /en/catalog has hreflang link to /fr/catalog

- Expected: <link rel="alternate" hreflang="fr" href="https://domain.com/fr/catalog">
- Actual: _____
- Status: Pass Fail Blocked

TC-4.4.2: /fr/catalog has hreflang link to /en/catalog

- Expected: Reverse link
- Actual: _____
- Status: Pass Fail Blocked

5. Performance Testing

5.1 Lighthouse Scores

TC-5.1.1: Lighthouse Performance (Desktop) ≥ 90

- Expected: Score of 90+
- Actual: _____
- Status: Pass Fail Blocked

TC-5.1.2: Lighthouse Performance (Mobile) \geq 80

- Expected: Score of 80+
- Actual: _____
- Status: Pass Fail Blocked

TC-5.1.3: Lighthouse SEO \geq 90

- Expected: Score of 90+
- Actual: _____
- Status: Pass Fail Blocked

TC-5.1.4: Lighthouse Accessibility \geq 85

- Expected: Score of 85+
- Actual: _____
- Status: Pass Fail Blocked

5.2 Load Times

TC-5.2.1: First Contentful Paint (FCP) $<$ 1.5s

- Expected: LCP time displayed in Lighthouse
- Actual: _____
- Status: Pass Fail Blocked

TC-5.2.2: Largest Contentful Paint (LCP) $<$ 2.5s

- Expected: LCP time displayed in Lighthouse
- Actual: _____
- Status: Pass Fail Blocked

TC-5.2.3: Cumulative Layout Shift (CLS) $<$ 0.1

- Expected: CLS score in Lighthouse
- Actual: _____
- Status: Pass Fail Blocked

5.3 Image Optimization

TC-5.3.1: Product images served in WebP/AVIF

- Expected: Browser DevTools shows optimized format
- Actual: _____
- Status: Pass Fail Blocked

TC-5.3.2: Images lazy-loaded below fold

- Expected: Below-the-fold images don't load until scrolled
- Actual: _____
- Status: Pass Fail Blocked

6. Responsiveness & Browsers

6.1 Mobile Devices

TC-6.1.1: iPhone 12 Safari → All pages readable

- Expected: No horizontal scroll; text readable; buttons tappable
- Actual: _____
- Status: Pass Fail Blocked

TC-6.1.2: Android (Samsung Galaxy) Chrome → All pages readable

- Expected: Same as iPhone
- Actual: _____
- Status: Pass Fail Blocked

TC-6.1.3: iPad Landscape → All pages readable

- Expected: Layout adapts to landscape view
- Actual: _____
- Status: Pass Fail Blocked

6.2 Desktop Browsers

TC-6.2.1: Chrome (latest) → No errors in DevTools

- Expected: Console clean, no red errors
- Actual: _____

- Status: Pass Fail Blocked

- TC-6.2.2:** Firefox (latest) → All pages work
- Expected: Same functionality as Chrome
 - Actual: _____
 - Status: Pass Fail Blocked

- TC-6.2.3:** Safari (latest) → All pages work
- Expected: Same functionality
 - Actual: _____
 - Status: Pass Fail Blocked

- TC-6.2.4:** Edge (latest) → All pages work
- Expected: Same functionality
 - Actual: _____
 - Status: Pass Fail Blocked

7. Accessibility (WCAG 2.1 AA)

7.1 Keyboard Navigation

- TC-7.1.1:** Can navigate entire site using Tab key
- Expected: Focus moves through all interactive elements
 - Actual: _____
 - Status: Pass Fail Blocked

- TC-7.1.2:** Focus indicator visible on all buttons/links
- Expected: Blue outline (or custom focus style) visible when tabbing
 - Actual: _____
 - Status: Pass Fail Blocked

- TC-7.1.3:** Can submit forms with Enter key
- Expected: Quote form submits when focus on submit button + Enter
 - Actual: _____

- Status: Pass Fail Blocked

7.2 Screen Reader (NVDA/JAWS)

- TC-7.2.1:** Screen reader announces page title
 - Expected: "Cinema Equipment Rental Catalog — Web page"
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-7.2.2:** Images have alt text
 - Expected: Screen reader reads "Sony FX6 professional 4K camera"
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-7.2.3:** Form labels associated with inputs
 - Expected: "Name" label linked to name input (reader announces "Name, edit text")
 - Actual: _____
 - Status: Pass Fail Blocked

7.3 Color Contrast

- TC-7.3.1:** Text contrast ratio $\geq 4.5:1$ (normal text)
 - Expected: Color contrast checker shows WCAG AA pass
 - Actual: _____
 - Status: Pass Fail Blocked
- TC-7.3.2:** Large text (18pt+) contrast ratio $\geq 3:1$
 - Expected: Headings meet contrast requirement
 - Actual: _____
 - Status: Pass Fail Blocked

8. Regression Testing (Post-Bug Fixes)

TC-8.1: Cart still works after admin adds equipment

- Expected: New items appear; old cart persists
- Actual: _____
- Status: Pass Fail Blocked

TC-8.2: Quote form still validates after SEO changes

- Expected: Form rejects invalid input; emails still send
- Actual: _____
- Status: Pass Fail Blocked

TC-8.3: Lighthouse score doesn't regress after new features

- Expected: Score remains \geq 90 (desktop)
 - Actual: _____
 - Status: Pass Fail Blocked
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9. UAT (User Acceptance Testing)

Client Feedback

TC-9.1: Client reviews site design → Approves or requests changes

- Feedback: _____
- Status: Approved Changes Needed

TC-9.2: Client reviews equipment listings → All items correct and translated

- Feedback: _____
- Status: Approved Changes Needed

TC-9.3: Client submits test quote → Receives confirmation email

- Feedback: _____
- Status: Approved Changes Needed

TC-9.4: Client logs into admin → Can manage equipment

- Feedback: _____
- Status: Approved Changes Needed

TC-9.5: Client overall satisfaction

- Score: 5/5 4/5 3/5 2/5 1/5
- Comments: _____

10. Summary

Total Test Cases: 100+

Passed: _ / _

Failed: _ / _

Blocked: _ / _

Pass Rate: _ %

Critical Issues Found:

1.

2.

3.

Status: READY FOR PRODUCTION NEEDS FIXES ON HOLD

Sign-Off:

- Tester: _____ Date: _____
- Manager: _____ Date: _____

Version: 1.0

Last Updated: December 9, 2025

Status: Ready for QA Phase