Compatibility Testing Report – Shoplane E-commerce Website

# Browsers Tested

|  |  |  |  |
| --- | --- | --- | --- |
| Browser | Version Tested | Result | Observations |
| Google Chrome | Latest (v123+) | ✅ Compatible | All features work, responsive layout maintained. |
| Mozilla Firefox | Latest (v124+) | ✅ Compatible | Slight delay in image loading on homepage. |
| Microsoft Edge | Latest (v123+) | ✅ Compatible | Works smoothly, no layout issues. |
| Safari (Mac/iOS) | Latest | ⚠️ Minor Issue | Some CSS transitions not as smooth (e.g., hover effects). |
| Brave | Latest | ✅ Compatible | Fully functional, no rendering issues. |
| Opera | Latest | ✅ Compatible | No major differences noticed. |

# Device Compatibility Testing

|  |  |  |  |
| --- | --- | --- | --- |
| Device Type | Screen Size Tested | Result | Observations |
| Desktop | 1920x1080 | ✅ Compatible | Full layout loads properly. |
| Laptop | 1366x768 | ✅ Compatible | Slight overflow in some product cards; minor text wrapping. |
| Tablet | 768x1024 (portrait) | ⚠️ Minor Issue | Image slider layout breaks slightly; padding is inconsistent. |
| Mobile | 375x667 (iPhone 7) | ✅ Compatible | Responsive design works well; hamburger menu functions correctly. |
| Mobile | 412x915 (Android Pixel) | ✅ Compatible | Layout adjusts nicely; no functional issues. |

# Functionality Checks

|  |  |  |
| --- | --- | --- |
| Feature | Status | Notes |
| Navigation Bar | ✅ Passed | Responsive and functional on all screen sizes. |
| Product Listing Page | ✅ Passed | Grid adjusts correctly. |
| Product Detail Page | ✅ Passed | Images, description, and buttons load well. |
| Add to Cart | ✅ Passed | Functionality works as expected. |
| Cart View/Checkout Button | ✅ Passed | Redirection and cart updates work fine. |
| Links/Buttons | ✅ Passed | All tested links are working correctly. |
| Animations/Transitions | ⚠️ Minor | On Safari, some hover effects are choppy. |

# Issues Found & Suggested Fixes

|  |  |  |  |
| --- | --- | --- | --- |
| Issue ID | Issue Description | Browser/Device Affected | Suggested Fix |
| I-001 | Choppy transitions/animations | Safari (Mac/iOS) | Use -webkit- prefixes for smoother CSS effects |
| I-002 | Slider layout breaks on tablets | Tablet (portrait) | Adjust media queries for better tablet support |
| I-003 | Slight content overflow on laptops | 1366x768 | Use flex-wrap or smaller font/image sizes |