✅ ReAlign MVP – QA Test Plan

Version: 1.3

Date: May 21, 2025

Goal: Validate that the app is stable, secure, and usable across all supported roles, devices, and actions.

## **🎯 QA Strategy**

* MVP is tested using a **manual test suite** and optional automated test coverage via Playwright or Cypress (post-MVP)
* Emphasis on **mobile-first validation**
* Focus on core flows: auth, onboarding, uploads, message thread, document requests, phase timeline

## **✅ Core Functional Test Areas**

### **1. Authentication**

* Email/password login (negotiator)
* Magic link generation, delivery, expiry (homeowner/agent)
* Magic link resend behavior (rate limit, invalid link recovery)

### **2. Onboarding Flow**

* Negotiator starts new transaction and invites parties
* Party receives link, accesses app, and is scoped to role
* Expired or reused links show fallback UI

### **3. Uploads & Document Requests**

* Upload via desktop + mobile (camera + picker)
* File preview and feedback before upload
* Document visibility respected (private/shared)
* Negotiator can resend request, mark as complete

### **4. Messaging**

* Flat feed shows newest messages at bottom
* Replies appear linked to parent with visual cue
* Role-based filtering: can’t see messages for other parties

### **5. Phase Timeline**

* Phase change triggers visual update
* Only negotiator can edit; other users view-only
* Phase description tooltips appear on tap/hover

### **6. RoleCard & Status UI**

* Status: complete, pending, overdue
* Last action text renders correctly per role
* Only negotiator can edit status

## **🔐 Security & Privacy Tests**

* User cannot access transactions they’re not invited to (direct link blocked)
* Private uploads cannot be viewed by other roles
* Signed URLs expire after 5 minutes (test time-based invalidation)
* No email or phone number of other parties is exposed

## **📱 Mobile & Browser Compatibility**

| **Platform** | **Status** |
| --- | --- |
| iOS Safari | ✅ Full pass |
| Android Chrome | ✅ Full pass |
| Chrome (desktop) | ✅ Full pass |
| Firefox | ✅ Full pass |
| Edge | ⚠️ Minor styling check |

All inputs and buttons tested with keyboard navigation and screen readers (VoiceOver, TalkBack).

## **🧪 Sample Test Data**

* Multiple users with different roles across 3 test transactions
* Uploads with test PDFs (bank statements, paystubs)
* Message threads with mentions and replies
* Expired magic links and valid re-auth flows

✅ This test plan ensures full coverage of MVP scope, prioritizing real-world usage, mobile UX, and role-specific access behaviors.

Post-MVP: convert manual flows into Playwright coverage + integrate error monitoring (Sentry).