QA Test Workbook – Guidelines

1. Workbook Overview

This workbook is structured to provide a complete, traceable, and visual summary of all manual QA efforts conducted for the Work Instruction Assignment feature in Workerbase's Automation Hub. It contains four interconnected sheets:

2. Test Suite Sheet

Purpose:

This sheet serves as the master plan for the testing phase. It lists each test case in detail — defining what needs to be tested, how, and why.

- 12+ well-defined test cases
- Aligned with real UI behavior (headlines, templates, recipient roles, priorities)
- Reflects actual user workflows and field configurations

3. Test Cases (Execution Results) Sheet

Purpose:

Captures the actual execution outcome of the planned test cases.

- Passes confirm that major functionalities work correctly.
- Failures (e.g., headline/title allowed to be blank) are flagged clearly.
- TO DO items reflect pending tests due to insufficient data.

4. Bug Report Sheet

Purpose:

This section acts as a defect log, isolating and describing any bugs encountered during testing.

- Valid defects are clearly isolated and documented.
- Bugs that could impact user experience are clearly explained with comments and screenshots.

5. Test Case Analysis (Summary Charts) Sheet

Purpose:

Provides a visual and statistical summary of overall test progress and quality.

- Pass rate: 62% ; Fail rate: 23% ; Pending: 15% (To Do)
- Visually clear and informative for non-technical stakeholders

6. Conclusion

This workbook:

- Offers full traceability: from planned tests → execution → bugs → analysis
- Balances technical depth with visual clarity
- Is suitable for both engineering and leadership audiences

Playwright Automation Script

Overview:

This Playwright-based automation script validates the **Work Instruction (WI) Assignment** form functionality in the Workerbase QA Challenge platform. It covers both **positive flows** and **mandatory field validations** to ensure UI consistency and business rule enforcement.

Test Objectives

1. WI-01: Create and validate a new rule with WI assignment
   - Simulates end-to-end rule creation:
   - Selects the WorkInstruction template
   - Fills all required fields
   - Assigns to a role
   - Validates rule creation via toast, redirect, and presence in list

✅ Verifies full creation flow is functional

2. WI-02: Validates Both Headline and Title

   - Test scenario where **Headline** and **Title** are left blank
   - Fills WorkInstruction and Role only
   - Attempts to save Rule

✅ Verifies that **two red validation messages** are shown, confirming validation

3. WI-14: Role/User is Mandatory

   - Test scenario where Role is left blank
   - Fills valid Headline and Title
   - Attempts to save Rule

✅ Verifies that red "Required" error appears under Role field

Test Execution Notes:

Tech Stack: Playwright with TypeScript

Runs via: npx playwright test –headed

All tests begin with login and navigation handled in beforeEachWorkBase

File Path: Challenge\Automation\qa-automation\tests