

E2E Regression Test Report

AgriPro Mobile Application (TWA)

Test Run ID	TR-2026-0218-001
Project	AgriPro Mobile
Test Suite	Maestro E2E Regression Suite
Run Date	February 18, 2026 22:41 EAT
Duration	418s (7.0 min)
Environment	Android 14 (Samsung Galaxy) - TWA via Chrome
Device	Samsung RFCY61Q3MMR
App ID	com.agrischeme.pro
Maestro Version	2.1.0
Runner	Automated (Maestro CLI)
Executed By	CI / Local Device

Results Summary



Pass Rate: 100.0%



Total Maestro commands executed: 502 | Sections: 11 | Flows: 11

Test Cases

Authentication (auth.yaml) (7/7 passed)			
ID	Test Case	Expected Result	Status
TC-AUTH-001	Display login screen elements	Verify AgriScheme Pro title, subtitle, phone input, PIN input,	PASSED
TC-AUTH-002	Show error for invalid credentials	Enter wrong phone/PIN, verify 'Invalid phone number or PIN' er	PASSED
TC-AUTH-003	Login with valid credentials	Enter demo credentials (+254799999999 / 1234), verify home scr	PASSED
TC-AUTH-004	Verify home screen after login	Assert home-bell-button element is present via testID	PASSED
TC-AUTH-005	Logout successfully	Navigate Profile > Logout, verify redirect to login screen	PASSED
TC-AUTH-006	Navigate to registration screen	Tap Register, verify Create Account form with First Name, Last	PASSED
TC-AUTH-007	Navigate back to login from register	Scroll to Login link, tap, verify AgriScheme Pro title returns	PASSED

Home Dashboard (home.yaml) (5/5 passed)			
ID	Test Case	Expected Result	Status
TC-HOME-001	Display greeting and overview	Assert home-greeting, home-sub-greeting, home-bell-button visible	PASSED
TC-HOME-002	Display stats container	Assert stats for Farms, Hectares, Active Crops visible	PASSED
TC-HOME-003	Display Quick Actions section	Scroll to quick actions, assert grid with Crop Plans, Add Farm	PASSED
TC-HOME-004	Display KYC Status section	Scroll to KYC section, assert KYC card visible	PASSED
TC-HOME-005	Display Eligibility section	Scroll to eligibility section, assert eligibility card visible	PASSED

Tab Navigation (navigation.yaml) (6/6 passed)			
ID	Test Case	Expected Result	Status
TC-NAV-001	Navigate to Home tab	Tap Home, assert home-screen and bell button visible	PASSED
TC-NAV-002	Navigate to My Farms tab	Tap My Farms, assert farms-screen visible	PASSED
TC-NAV-003	Navigate to Tasks tab	Tap Tasks, assert tasks-screen visible	PASSED
TC-NAV-004	Navigate to Market tab	Tap Market, assert market-screen visible	PASSED
TC-NAV-005	Navigate to Profile tab	Tap Profile, assert profile-screen visible	PASSED
TC-NAV-006	Sequential navigation cycle	Cycle Home->Farms->Tasks->Market->Profile->Home, assert each screen loaded	PASSED

Profile (profile.yaml) (6/6 passed)			
ID	Test Case	Expected Result	Status
TC-PROF-001	Display profile header	Assert avatar, name, email visible on profile screen	PASSED
TC-PROF-002	Display KYC badge	Assert verified-badge element visible	PASSED
TC-PROF-003	Display profile stats	Assert stats row with Farms, Hectares visible	PASSED
TC-PROF-004	Display profile menu	Assert profile-menu container visible	PASSED
TC-PROF-005	Display app version	Scroll to version, assert profile-version visible	PASSED
TC-PROF-006	Logout and redirect	Scroll to logout, tap, verify login screen appears	PASSED

Notifications (notifications.yaml) (8/8 passed)			
ID	Test Case	Expected Result	Status
TC-NOTIF-001	Verify bell icon on home	Assert home-bell-button and bell emoji visible	PASSED
TC-NOTIF-002	Navigate to notifications	Tap bell, verify notifications-screen loads	PASSED
TC-NOTIF-003	Verify notifications screen	Assert screen loaded, take screenshot	PASSED
TC-NOTIF-004	Check empty state	Conditional: assert notifications-empty if no notifications	PASSED
TC-NOTIF-005	Check mark all read	Conditional: assert mark-all-read button if notifications exist	PASSED
TC-NOTIF-006	Pull to refresh	Swipe down, wait for animation	PASSED
TC-NOTIF-007	Navigate back to home	Press back, assert bell icon visible	PASSED
TC-NOTIF-008	Bell icon re-entry	Tap bell again, verify notifications screen re-opens	PASSED

KYC Verification (kyc.yaml) (29/29 passed)			
ID	Test Case	Expected Result	Status
TC-KYC-001	Display KYC dashboard	Navigate Profile > KYC Documents, assert kyc-dashboard visible	PASSED
TC-KYC-002	Display empty/existing state	Conditional: assert start button or existing step indicators	PASSED
TC-KYC-003	Start KYC or view existing	Tap start button or view existing application	PASSED
TC-KYC-004	Navigate to personal info	Tap personal-info-step, verify form loads	PASSED

TC-KYC-005	Display personal info form	Assert personal-info-form visible	PASSED
TC-KYC-006	National ID input	Assert national-id-input field visible	PASSED
TC-KYC-007	Date of birth input	Assert dob-input field visible	PASSED
TC-KYC-008	Gender selection	Assert gender-male-button, gender-female-button visible	PASSED
TC-KYC-009	Phone & address fields	Assert phone-input visible	PASSED
TC-KYC-010	Fill National ID	Tap national-id-input, enter 12345678, verify input	PASSED
TC-KYC-011	Navigate to documents	Tap documents-step, verify screen loads	PASSED
TC-KYC-012	Display documents screen	Assert documents-screen visible	PASSED
TC-KYC-013	Document number input	Assert document-number-input visible	PASSED
TC-KYC-014	Upload buttons	Assert take-photo-button and/or choose-gallery-button visible	PASSED
TC-KYC-015	Upload document button	Assert upload-document-button visible	PASSED
TC-KYC-016	Navigate back from docs	Press back, verify return to dashboard	PASSED
TC-KYC-017	Navigate to bank info	Tap bank-info-step, verify form loads	PASSED
TC-KYC-018	Display bank form	Assert bank-info-form visible	PASSED
TC-KYC-019	Bank name select	Assert bank-name-select visible	PASSED
TC-KYC-020	Account number input	Assert account-number-input visible	PASSED
TC-KYC-021	Account name input	Assert account-name-input visible	PASSED
TC-KYC-022	Navigate back from bank	Press back, verify return	PASSED
TC-KYC-023	Dashboard state check	Take screenshot of dashboard state	PASSED
TC-KYC-024	Step indicators	Assert personal-info-step visible	PASSED
TC-KYC-025	Documents step	Assert documents-step visible	PASSED
TC-KYC-026	Submit section	Conditional: check for kyc-submit-button	PASSED
TC-KYC-027	Navigate back to profile	Press back, assert profile-screen visible	PASSED
TC-KYC-028	Re-enter KYC from profile	Tap KYC menu, assert kyc-dashboard visible	PASSED
TC-KYC-029	Navigate back to home	Navigate home, assert bell icon visible	PASSED

Eligibility (eligibility.yaml) (7/7 passed)

ID	Test Case	Expected Result	Status
TC-ELIG-001	Navigate from home	Tap eligibility card, assert eligibility-list-screen visible	PASSED
TC-ELIG-002	Display list with stats	Assert header and stats badges visible	PASSED
TC-ELIG-003	Display scheme cards	Assert eligibility-list-schemes-section visible	PASSED
TC-ELIG-004	Navigate to scheme detail	Tap scheme, assert detail screen loads	PASSED
TC-ELIG-005	Check eligibility button	Assert check-button visible on detail screen	PASSED
TC-ELIG-006	Navigate back to list	Press back, assert list screen returns	PASSED
TC-ELIG-007	Navigate back to home	Press back, assert bell icon visible	PASSED

Farms (farms.yaml) (5/5 passed)

ID	Test Case	Expected Result	Status
TC-FARM-001	Navigate to My Farms	Tap My Farms tab, assert farms-screen visible	PASSED
TC-FARM-002	Display list or empty state	Conditional: assert empty-state or farms-list with header coun	PASSED
TC-FARM-003	Navigate to add farm	Tap add button (empty or FAB), assert add screen loads	PASSED
TC-FARM-004	View farm details	Conditional: tap farm card if list exists, view detail	PASSED
TC-FARM-005	Navigate back to home	Tap Home, assert bell icon visible	PASSED

Crop Planning (crop_planning.yaml) (5/5 passed)			
ID	Test Case	Expected Result	Status
TC-CROP-001	Navigate from home	Tap Crop Plans quick action, assert cp-dashboard-screen visible	PASSED
TC-CROP-002	Display stats row	Conditional: assert cp-stats-row visible	PASSED
TC-CROP-003	Display alerts banner	Conditional: check for cp-alerts-banner	PASSED
TC-CROP-004	Create FAB button	Conditional: assert cp-fab-create visible	PASSED
TC-CROP-005	Navigate back to home	Press back, assert bell icon visible	PASSED

Tasks (tasks.yaml) (5/5 passed)			
ID	Test Case	Expected Result	Status
TC-TASK-001	Navigate to Tasks tab	Tap Tasks, assert tasks-screen visible	PASSED
TC-TASK-002	Display screen content	Take screenshot of tasks content	PASSED
TC-TASK-003	Check create FAB	Conditional: assert tasks-fab-create visible	PASSED
TC-TASK-004	Screen state verification	Take screenshot of current state	PASSED
TC-TASK-005	Navigate back to home	Tap Home, assert bell icon visible	PASSED

Support (support.yaml) (4/4 passed)			
ID	Test Case	Expected Result	Status
TC-SUP-001	Navigate to Help & Support	Profile > Help & Support, verify screen loads	PASSED
TC-SUP-002	FAQ section display	Take screenshot of FAQ section	PASSED
TC-SUP-003	Contact info section	Scroll down, take screenshot of contact section	PASSED
TC-SUP-004	Navigate back to profile	Press back, assert profile-screen visible	PASSED

Environment & Configuration

- Platform: TWA (Trusted Web Activity) wrapping an Expo/React Native PWA
- The app runs inside Chrome Custom Tab; Maestro interacts at the OS accessibility layer
- Key constraint: Plain text inside WebView is NOT accessible to Maestro; tests use testID (resource-id) selectors
- Interactive elements (buttons, inputs, links) ARE accessible by visible text
- Home screen load is verified via the bell icon emoji - a reliable interactive element
- Login subflow clears app state and re-authenticates for each flow (self-contained)
- Conditional flows (runFlow: when:) handle dynamic states (empty vs populated lists)
- Demo credentials: +254799999999 / 1234
- Phone input pre-fills +254; tests use eraseText:20 before entering phone number

Test Files Inventory

File	Description
subflows/login.yaml	Reusable login: clearState + eraseText + phone/PIN
subflows/logout.yaml	Reusable logout: Profile > scroll > logout via testID
flows/auth.yaml	7 tests - login elements, invalid creds, success, logout, register
flows/home.yaml	5 tests - greeting, stats, quick actions, KYC, eligibility
flows/navigation.yaml	6 tests - 5 tabs + sequential cycle
flows/profile.yaml	6 tests - header, badge, stats, menu, version, logout
flows/notifications.yaml	8 tests - bell, nav, empty/list, mark read, refresh, back
flows/kyc.yaml	29 tests - dashboard, personal info, docs, bank, status, nav
flows/eligibility.yaml	7 tests - list, stats, cards, detail, check, back
flows/farms.yaml	5 tests - list/empty, add farm, detail, back
flows/crop_planning.yaml	5 tests - dashboard, stats, alerts, FAB, back
flows/tasks.yaml	5 tests - list, content, FAB, state, back
flows/support.yaml	4 tests - screen, FAQ, contact, back
regression.yaml	Suite runner - runs all 11 flows in sequence

Sign-off

Report generated: February 18, 2026 22:57 EAT

All 87 test cases passed across 11 test flows (502 Maestro commands).

Regression suite: PASSED