**Acko Test Plan**

**1. Introduction**

The test plan details the QA approach, scope, schedule, resources, and deliverables for Sprint N (or for a release, if using Waterfall).

**2. Features to be Tested (Sample)**

* User registration and login (web, OAuth, OTP)
* Quote calculation (car, bike, health, travel, gadget)
* Policy purchase flow (cart, payment, confirmation)
* Policy management (renew, download, view)
* Claim submission and tracking
* Customer support/contact flows

**3. Features Not to be Tested**

* Deprecated modules not touched in the sprint.
* Third-party modules, unless integration is part of DoD.

**4. Test Objectives**

* All implemented user stories and fixes meet acceptance criteria without critical/major defects.
* E2E user journeys function smoothly under expected load.

**5. Approach**

* Test Breakdown: Split by functional module (e.g., registration, purchase, claims).
* Test Case Design: Both positive and negative scenarios, following BVA and equivalence partitioning.
* Regression Suite: Run automated regression for all high/bulk impact flows.
* Automation: Automate new stable flows, refactor old scripts.
* Defect Management: Log all defects in JIRA; assign and track resolution.

**6. Test Scenarios (Examples)**

| **Scenario ID** | **Title** | **Details/Steps** | **Expected Result** |
| --- | --- | --- | --- |
| S1 | Register with valid email/OTP | Fill all fields, get OTP, validate, submit | Account created, email sent |
| S2 | Register with duplicate mobile/email | Repeat registration with already used identifier | Error shown, registration blocked |
| S3 | Buy car insurance | Login → select car insurance → enter details → get quote → buy policy, pay | Policy issued, confirmation sent |
| S4 | File a claim (with/without docs) | Go to My Policies → File new claim → skip docs/attach wrong type → submit | Error/confirmation as expected |
| S5 | Policy renewal | Policy expiring → select renew → successful/failed payment | Policy renewed or error shown |
| S6 | Session idle logout | Login, idle for session timeout threshold | Auto-logout, session ended |
| S7 | Cross-browser and device validation | Launch on Chrome, Safari, Firefox, Edge, mobile browsers | Layout & flows consistent |

**7. Test Data Requirement**

* List of valid/invalid user credentials.
* Fake but realistic vehicle, health, travel details.
* Sample payment methods (test cards, UPI handles, etc.).

**8. Roles & Responsibilities**

| **Role** | **Tasks** |
| --- | --- |
| QA Lead | Overall strategy, coordination, sign-off |
| QA Engineer | Test case creation/execution, automation, defect |
| Dev | Fixes, unit, assist QA as needed |
| PO/BA | Clarify stories, review acceptance |
| DevOps | Environment, CI/CD |

**9. Schedule (Sample Sprint)**

| **Day(s)** | **Activity** |
| --- | --- |
| 1-2 | Test planning, case authoring |
| 3-8 | Test execution, regression |
| 9 | Bug bash, retests |
| 10 | Final validation, sign-off |

**10. Deliverables**

* Updated test cases/scripts
* Daily test execution/report dashboard
* Defect log (JIRA)
* Sprint test summary (pass rate, open/closed bugs)
* Sign-off email

**11. Exit Criteria**

* All priority/critical defects resolved or deferred with mitigation.
* 100% completion of committed test cases.
* Positive regression and user acceptance sign-off.