NADRA Identity Services Web App Test Case Document

# Introduction

This report provides a comprehensive overview of the test cases developed for the NADRA Identity Services web app. The modules covered include the Home Page, Identity Services Page, User Registration and Login, Complaint Page, Contact Us Page, Offices Page, About NADRA Page and Language Switcher Functionality.

# Summary of Test Cases

Through exploratory testing, Equivalence Partitioning and Boundary Value Analysis, 63 test scenarios and 425 test cases were designed for the NADRA web application. Each test scenario encompassed different aspects of the user, ensuring that all possible interactions were considered.

## Home Page

Designed total of 43 test for home page which the following scenarios:

* + Verify the homepage loads successfully.
  + Verify all static and dynamic content (images, text, videos) load without errors
  + Verify the functionality other interactive elements on the homepage
  + Test all social media icons to ensure they redirect to the correct social media pages.
  + Verify the compatibility and responsiveness of the page

## Identity Services Page

Designed total of 45 test for Identity Services Page which the following scenarios:

* + Verify Identity Services page is accessibility and load
  + Verify that all eight cards are Functional and displayed correctly
  + Ensure that the pages with online applications redirect to correct application page
  + Check the responsiveness of the page on different screen sizes (desktop, tablet, mobile)
  + Test all social media icons to ensure they redirect to the correct social media pages.
  + Test the functionality of each link in the footer to ensure they redirect to the correct pages

## User Registration

Designed total of 52 test for User Registration which the following scenarios:

* + Verify Register Page load
  + Verify visibility and editability of the registration page fields
  + Verify successful registration with valid inputs
  + Verify registration fails with invalid/empty inputs
  + Verify the compatibility and responsiveness of the registration page

## User Login

Designed total of 29 test for User Login which the following scenarios:

* + Verify Field Style Attributes
  + Verify that a user can successfully login with valid inputs in all fields
  + Verify that an invalid input displays an error message
  + Verify that leaving any field blank displays error
  + Verify that the CAPTCHA refreshes or provides a new challenge after each failed attempt
  + Verify that a successful login redirects to the dashboard
  + Verify that the email and password fields support copy-paste functionality
  + Verify that the login page displays correctly on different devices (mobile, tablet, desktop)

## Complaint Page

Designed total of 100 test for Complaint Page which the following scenarios:

* + Check if the 'Complaint' page is accessible from the homepage
  + Verify the "REGISTER COMPLAINT" button is present
  + Verify that the button redirects user to the complaint registration form
  + Ensure all required fields are present and can be filled out
  + Try to submit the form with some mandatory fields left empty and ensure appropriate error message is displayed

## Contact Us Page

Designed total of 49 test for Contact Us Page which the following scenarios:

* + Verify Contact Us Page accessibility and load
  + Verify contact form submission
  + Verify Information Display and Quick Links on 'Contact Us' Page
  + Verify that the complaint page displays correctly on different devices and Browsers
  + Verify the compatibility and responsiveness of the page

## Offices Page

Designed total of 47 test for Offices Page which will cover the following scenarios:

* + Verify the Offices page loads successfully.
  + Verify search functionality work as expected
  + Verify user interface and content of the page
  + Verify the compatibility and responsiveness of the page

## About NADRA Page

Designed total of 39 test for About NADRA Page which the following scenarios:

* + Page Load and Basic Content Verification
  + Verify Navigation Link and Quick Links
  + Verify About Page Responsiveness and Compatibility
  + Verify Language Switcher functionality for About us Page

## Language Switcher Functionality

Designed total of 17 test for Language Switcher Funtionality which the following scenarios:

* + Verify the Language Switcher Button Visibility
  + Verify Translation to Urdu
  + Verify Layout and Design Consistency
  + Verify Reverting Back to Original Language
  + Verify Consistency Across All Pages
  + Verify Language Switcher button functionality on different browsers and Screen sizes

# Next Steps

## Test Execution:

Begin executing the test cases according to the defined steps and document the results.

## Issue Reporting:

Report any defects or issues encountered during test execution in the defect tracking system.

## Retesting and Regression Testing:

Retest the defects once they are fixed and perform regression testing to ensure no new issues are introduced.