**Test Report: Wildlife Conservation Awareness Platform**  
**Developed Using: FlutterFlow**  
**Date: 29/03/2025**

**1. Introduction**

This test report documents the results of testing the Wildlife Conservation Awareness Platform. The platform consists of a **Dashboard, Adoption Page, Donation Page, and a Chatbot Page (partially developed)**. The testing process focused on **functionality, usability, performance, and API integration.**

**2. Test Objectives**

* Verify that all pages (Dashboard, Adoption, Donation) function as expected.
* Test the usability and responsiveness of the platform.
* Identify and document any bugs or issues in the chatbot API integration.
* Assess the security and performance of the donation system.
* Ensure proper navigation across all pages.

**3. Test Scope**

**Features Tested:**  
✔️ Dashboard Navigation  
✔️ Adoption Page Functionality  
✔️ Donation Page Payment Processing  
✔️ Chatbot API Integration (In Progress)  
✔️ Cross-Device Compatibility  
✔️ Performance and Load Handling

**Features Not Yet Tested:**  
❌ Full Chatbot Integration (API Issue)  
❌ Security Audit of Payment Gateway

**4. Test Environment**

* **Devices Used:** Windows Laptop, Android Phone, iPhone
* **Browsers Tested:** Google Chrome, Mozilla Firefox, Safari
* **Internet Speed:** 100 Mbps (Fiber Connection)
* **FlutterFlow Version:** [Specify Version]

**5. Test Cases & Results**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Feature** | **Test Steps** | **Expected Result** | **Actual Result** | **Status** |
| TC-01 | Dashboard Navigation | Click on each menu item and return to the dashboard | Smooth navigation | Works fine | Pass |
| TC-02 | Adoption Page | Select an animal, view details, and proceed with adoption | Adoption process completes | Works fine | Pass |
| TC-03 | Donation Page | Enter amount, proceed to payment | Payment gets processed | Works fine | Pass |
| TC-04 | Chatbot API | Ask a query to chatbot | Get relevant conservation response | API not responding | Fail |
| TC-05 | Mobile Responsiveness | Open platform on mobile | Layout should be responsive | Works fine | Pass |
| TC-06 | Page Load Speed | Load each page under 3 seconds | Pages load within 3 sec | Works fine | Pass |

**6. Issues & Bugs Found**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Issue ID** | **Feature** | **Issue Description** | **Severity** | **Status** |
| BUG-01 | Chatbot API | API fails to respond to user queries | High | In Progress |
| BUG-02 | Payment Page | Some payment transactions fail randomly | Medium | Under Review |
| BUG-03 | Mobile UI | Minor alignment issues in mobile view | Low | Fix Scheduled |

**7. Performance Testing Summary**

* **Average Page Load Time:** 2.8 seconds ✅ (Acceptable)
* **Memory Usage:** Normal ✅
* **Server Response Time:** Acceptable ✅

**8. Recommendations & Next Steps**

🔹 Fix Chatbot API integration issue.  
🔹 Conduct a full security audit on the donation payment gateway.  
🔹 Optimize UI responsiveness on mobile devices.  
🔹 Improve backend efficiency for better chatbot response time.

**9. Conclusion**

The platform performs well in navigation, adoption, and donation functionalities. However, **the chatbot API requires debugging, and the payment system needs further testing**. Overall, the system is ready for **beta testing** with minor improvements.