# User Acceptance Testing (UAT) Template

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| --- | --- |
| Date | 20 june 2025 |
| Team ID | LTVIP2025TMID32074 |
| Project Name | Sustainable Smart City using IBM Granite |
| Maximum Marks | 10 Marks |

## Project Overview:

Project Name: Sustainable Smart City using IBM Granite

Project Description: A conversational AI assistant that provides eco-friendly suggestions, smart city policy insights, and environmental tips using IBM Granite LLM.

Project Version: v1.0

Testing Period: 5 February 2025 to 10 February 2025

Testing Scope:  
- Chat Assistant Responses  
- Policy Recommendation Module  
- Eco Tips Generator  
- API Response Handling

Testing Environment:  
URL/Location: [Streamlit or Colab Deployment URL]  
Credentials (if required): [N/A]

## Test Cases:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Test Case ID | Test Scenario | Test Steps | Expected Result | Actual Result | Pass/Fail | Remarks |
| TC-001 | Test chat assistant for a water-saving query | 1. Enter "How to save water?" 2. Click submit 3. Wait for response | The assistant provides at least 3 tips for water saving | Model returned 3 accurate water-saving tips | Pass | Working as expected |

## Bug Tracking:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Bug ID | Bug Description | Steps to Reproduce | Severity | Status | Additional Feedback |
| BG-001 | Model responds with partial output sometimes | 1. Enter long query 2. Submit 3. Output gets cut | Medium | Open | May need retry mechanism or prompt truncation check |

## Sign-off:

Tester Name: Pecheti Tejassu & Mule Lakshmi

Date: 28 jun 2025

Signature: Pecheti Tejassu & Mule Lakshmi

## Notes:

• Ensure that all test cases cover both positive and negative scenarios.  
• Encourage testers to provide detailed feedback, including any suggestions for improvement.  
• Bug tracking should include details such as severity, status, and steps to reproduce.  
• Obtain sign-off from both the project manager and product owner before proceeding with deployment.