**User Acceptance Testing (UAT) Template**

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| --- | --- |
| Date | 26 June 2025 |
| Team ID | LTVIP2025TMID35580 |
| Project Name | Citizen AI – Intelligent Citizen Engagement Platform |
| Maximum Marks |  |

**Project Overview:**

Project Name: Citizen AI – Real-Time Conversational Chatbot

Project Description: An AI-powered chatbot built using IBM Granite 3.3–2B Instruct and Gradio that allows citizens to ask government-related questions and receive instant, human-like responses.

Project Version: v1.0

Testing Period: June 24, 2025 – June 26, 2025

**Testing Scope:**

**Features to Be Tested:**

* Real-time response generation
* User input handling via Gradio
* Display of generated text output
* Model loading from local path

**User Stories:**

* As a user, I want to ask a question like “How to apply for a driving license” and get a clear answer.
* As a user, I want a clean, simple interface to type my question.

**Testing Environment:**

Credentials (if required): No login required

**Test Cases:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Case ID** | **Test Scenario** | **Test Steps** | **Expected Result** | **Actual Result** | **Pass/Fail** |
| TC-001 | Check response for valid input | |  | | --- | | 1. Launch Gradio app 2. Enter “How to apply for driving license” 3. Click Submit |  |  | | --- | |  | | |  | | --- | | Returns clear step-by-step process |  |  | | --- | |  | | |  | | --- | | As expected |  |  | | --- | |  | | Pass |
| |  | | --- | | TC-002 |  |  | | --- | |  | | |  | | --- | | Check response for unrelated query |  |  | | --- | |  | | |  | | --- | | 1. Enter “What is the weather today?” 2. Click Submit |  |  | | --- | |  | | Model politely declines or gives limited info | |  | | --- | | Partial answer |  |  | | --- | |  | | Pass |

**Bug Tracking:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Bug ID** | **Bug Description** | **Steps to reproduce** | **Severity** | **Status** | **Additional feedback** |
| BG-001 | |  | | --- | | Slight delay in first response |  |  | | --- | |  | | |  | | --- | | 1. Launch app 2. Submit first prompt |  |  | | --- | |  | | |  | | --- | | Low |  |  | | --- | |  | | |  | | --- | | Open |  |  | | --- | |  | | |  | | --- | | Can be optimized in next phase |  |  | | --- | |  | |
| |  | | --- | | BG-002 |  |  | | --- | |  | | Unclear answer for vague input | 1. Enter “help” or “info” | Medium | In Progress | Add fallback response |

**Sign-off:**

Tester Name: Jakkula Kavya

Date: June 26, 2025

Signature: [Tester's Signature]

**Notes:**

* All test cases included both valid and edge cases.
* No crashes or major issues observed.
* Ready for Phase 2 enhancements (e.g., multilingual, sentiment).