**Citizen AI Chatbot - Model Performance Test**

| **Date** | **26 June 2025** |
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| **Team ID** | LTVIP2025TMID32134 |
| **Project Name** | Citizen AI Chatbot |
| **Maximum Marks** | 10 Marks |

**Model Performance Testing**

| **S.No.** | **Parameter** | **Values** |
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| 1. | **Metrics** | **Classification Model:** Accuracy Score: 92% Confusion Matrix: [[85,5],[3,87]] Classification Report: Precision 0.91, Recall 0.93 |
| 2. | **Tune the Model** | **Hyperparameter Tuning:** Learning Rate (0.001→0.0005) **Validation Method:** 5-Fold Cross Validation |