# Project Design Phase-II

## Solution Requirements (Functional & Non-functional)

### Functional Requirements:

- Citizens can ask questions related to government services and processes.  
- The AI assistant provides accurate, informative responses.  
- The system performs sentiment analysis on citizen queries.  
- A dashboard visualizes key metrics, topics, and sentiments.  
- User location and interests are used to personalize responses.  
- Topics discussed are extracted and visualized through WordCloud.

### Non-functional Requirements:

- System should respond to queries within 2 seconds.  
- The AI model should operate efficiently on a T4 GPU environment.  
- The platform should be accessible via a secure, public link.  
- The system must be easy to use for non-technical citizens.  
- Data visualization should be clear and interactive.