**Final Year Project Detail**

**Title**: Multilingual AI Chatbot for Airport Authority of India

**Team Name**: Tensor

**Department**: Information Technology

**Mentor**: Mr. Praveen Yadav

**Team Members**:

1. Vansh Rastogi
2. Virendra Yadav
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**Abstract:**  
This project focuses on the development of a multilingual chatbot designed for the Airport Authority of India (AAI) to streamline communication and enhance the overall experience for passengers and stakeholders. The chatbot aims to assist users in multiple languages, catering to the diverse linguistic needs of passengers across regional and international airports.

Leveraging advanced RNN technologies, the chatbot will provide real-time assistance for queries related to flight check-in info, airport facilities, baggage policies, and more. The chatbot will integrate multilingual support using APIs such as Google translate API or Bhashini, ensuring seamless interactions regardless of language preferences.

Security and reliability are central to the design, incorporating communication and robust backend infrastructure. By offering an accessible and user-friendly platform, the chatbot aims to improve operational efficiency and enhance passenger satisfaction at AAI-managed airports.

**Technology:**  
LSTM/LLM, Bhashini API/ Google translate API, Flask, MongoDB/SQL,HTML ,CSS, Js ,Bootstrap

**Target Audience:**

1. **Passengers:** To resolve queries related to flights, check-ins, and facilities in their preferred language.
2. **Airport Administration:** To streamline communication with passengers and improve operational support.
3. **Stakeholders:** To ensure efficient and effective engagement with airport facilities.