**The Companion System: Emotional and Cultural Assistance for SL Voyager**

**Overview**

The Companion System is a key component of **SL Voyager**, designed to enrich the travel experience by providing tourists with emotional support and cultural insights. It includes two major chatbots:

1. **Velora**: An emotional support assistant for stress management.
2. **Zara**: A cultural guide that helps tourists connect deeply with Sri Lanka’s heritage.

Additionally, it features Einstein, the MathBot, for practical assistance with unit conversions and basic calculations.

**Features**

**Velora: Emotional Support Chatbot**

* Provides stress-relieving advice in a conversational and comforting manner.
* Redirects users to other SL Voyager systems for attractions, hotels, or forecasting.
* Engages users with jokes, lighthearted conversation, and empathy.

**Zara: Cultural Guide**

* Offers rare and valuable cultural insights into Sri Lanka’s traditions and heritage.
* Helps tourists feel more connected to the local culture.

**Einstein: MathBot**

* Handles mathematical queries, including unit conversions (e.g., metric to imperial).
* Helps users adapt to local measurements effortlessly.

**Installation**

1. Clone the repository
2. Install dependencies
3. Run the Flask server: python index.py
4. Access the system in your browser:
   * Velora: http://127.0.0.1:5000/
   * MathBot: http://127.0.0.1:5000/mathbot

**Technology Stack**

* **Frontend**: HTML, CSS (custom themes for emotional and romantic vibes)
* **Backend**: Python (Flask, ChatterBot)
* **Libraries Used**:
  + ChatterBot for chatbot logic
  + Pint for unit conversions

**Usage**

1. Access Velora to:
   * Get emotional support during stressful travel situations.
   * Redirect queries to other SL Voyager systems like attractions, hotels, or forecasting.
2. Use Zara to:
   * Learn about Sri Lanka’s rich culture and traditions.
3. Use Einstein to:
   * Perform quick math operations and unit conversions.

**Future Enhancements**

* Zara
* A weather bot
* Integrate every bot into a single system
* UIs with high user experience

**Contributors**

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