**"List of Proposed Prototypes" on the home page of wiki URL:**  
<https://github.com/srikarmiriyala/GDPProject-02/wiki> **List of Proposed Prototypes for Travel Buddy System (Final):**

1. **User Registration Prototype:**
   * Prototype for user registration and profile creation, including input fields for email, password, name, and date of birth. It should demonstrate the validation of input data and provide feedback upon successful registration.
2. **Travel Preferences Customization Prototype:**
   * Prototype showcasing the customization of travel preferences, particularly focusing on seating preferences. It should allow users to access their profile settings, update seating preferences, and receive confirmation upon successful customization.
3. **Trip Planning and Destination Selection Prototype:**
   * Prototype for trip planning and destination selection, featuring input fields for destination, dates, and budget. It should present various destination and flight options based on user preferences, allowing users to select their itinerary and receive confirmation upon selection.
4. **Interactive Map Exploration Prototype:**
   * Prototype demonstrating interactive map exploration, providing real-time information and recommendations based on user inputs such as destinations and preferences. It should display an interactive map with relevant data and recommendations for user exploration.
5. **Flight Booking and Payment Prototype:**
   * Prototype for flight booking and payment, allowing users to search for flights, select options, and complete the booking process. It should include input fields for destination, dates, preferences, and payment information, providing confirmation upon successful booking and payment.
6. **Calendar View and Itinerary Management Prototype:**
   * Prototype showcasing calendar view and itinerary management, enabling users to view their travel itineraries, synchronize data, and receive notifications. It should populate a calendar with itinerary details and provide notifications for upcoming trips.
7. **Secure Data Storage and Retrieval Prototype:**
   * Prototype demonstrating secure data storage and retrieval, ensuring the confidentiality and integrity of user data. It should securely store and retrieve user profiles, preferences, and bookings, providing confirmation of secure storage and retrieval processes.
8. **Intuitive User Interface Prototype:**
   * Prototype focusing on designing an intuitive user interface based on UX principles. It should feature user-friendly interface elements, compatibility across devices, and responsiveness to user interactions.
9. **Flight Options Filtering Prototype:**
   * Prototype allowing users to search and filter flight options based on criteria such as airline, time, and price. It should retrieve and display filtered options for user selection, providing a seamless filtering experience.
10. **Travel Checklist Generator Prototype:**
    * Prototype generating personalized travel checklists based on the user's destination, travel dates, and preferences. It should provide suggestions for essential items to pack, documents to carry, and tasks to complete before the trip.