# Online Visa Service Web App

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## Overview

Brief description of project and leading technologies/platforms that will be used to build and operate the modern web based Online Visa Service Web App.

## Goals

1. Frontend - Based on React

2. Backend - Based on Python Django

3. Payment Gateway Integration

## Specifications

### Front End

- **Technology Stack**:
  The frontend of the application will be developed using React, a popular JavaScript library for building user interfaces.
- **Authentication System**:
  - Users will have access to a secure authentication system.
  - Social login features will be implemented, allowing users to log in with their Google accounts for a seamless experience.
- **Visa Service Cards**:

- Users will be presented with a collection of visa service cards.
- Each card represents a country for which visa services are available through the web application.
- **Visa Application Process**:
  - Users can initiate a visa application process by clicking on the card of the desired country.
  - They will be prompted to provide all the necessary details and documentation required for the visa application.
- **Application Status**:
  - After the user has submitted all required documents, they will be able to track the status of their visa application on their personalized portal.
- **Backend Verification**:
  - The backend team will verify the documents provided by the user.
  - The application status will be updated based on the verification process.
- **Eligibility Check**:
  - If the user's documents meet the criteria, they will see the "Eligible" status on their portal.
  - If the documents do not meet the criteria, users will receive recommendations for other countries where they might be eligible for a visa.

## Backend

- **Admin Login**:
  - The backend will feature a secure admin login system.
  - Admin users will have access to a dashboard with specific privileges for managing services and verifying user documents.
- **Service Management**:
  - Admin users can add, edit, or remove visa services provided by the web application.
  - They can specify the details and requirements for each service, including document checklists, processing times, and fees.
- **Document Verification**:
  - Admin users will have access to a document verification tool.
  - They can review and verify the documents submitted by users for visa applications.
- **Verification Process**:

- ○ Admins can mark documents as verified or unverified based on the criteria and guidelines provided by the respective countries.

- **Status Updates**:
  - ○ When an admin verifies a user's documents, the user's application status is updated accordingly.
  - ○ Users can view these status updates on their portal, indicating whether their documents have been successfully verified.
- **Communication with Users**:
  - ○ Admins may need to communicate with users if additional information or corrections are required for document verification.
  - ○ A messaging system can be implemented to facilitate communication between admin users and applicants.
- **User Recommendations**:
  - ○ If a user's documents do not meet the criteria for a particular visa, admin users can suggest alternative visa options for the user, similar to what was described in the frontend section.

## Payment Gateway

- **Payment Gateway Integration**:
  - ○ The web application will integrate a secure and reliable payment gateway to facilitate online payments for visa services.
- **Payment Options**:
  - ○ Users will be able to choose from various payment options, such as credit/debit cards, digital wallets, and other payment methods depending on their country and preferences.
- **Service Selection**:
  - ○ When a user selects a specific visa service and proceeds with the application process, they will have the option to make a payment for the chosen service.
- **Transparent Pricing**:
  - ○ The web application will display transparent pricing information for each visa service, including processing fees and any additional costs.
- **Secure Transactions**:
  - ○ All payment transactions will be conducted over a secure, encrypted connection to protect the user's financial information.

- **Payment Confirmation**:
  - Users will receive a payment confirmation and receipt after a successful transaction, which will be accessible through their user portal.
- **Payment Status Tracking**:
  - Users can track the status of their payment, from initiation to confirmation, within their portal.
- **Refund Policy**:
  - The web application will have a clearly defined refund policy that users can refer to in case they need to request a refund for any reason.
- **Admin Control**:
  - Admin users will have access to a dashboard that allows them to manage and track payments made by users.
- **Payment Gateway Security**:
  - The payment gateway will comply with industry standards for data security (e.g., PCI DSS) to ensure the protection of sensitive payment information.
- **Currency and Localization**:
  - The payment gateway will support multiple currencies and localization options to accommodate users from various regions.
- **Error Handling**:
  - The application will handle payment errors gracefully, providing clear error messages and support options in case users encounter issues during the payment process.

Looking forward to working with you.

Sahil Mishra and Team