

Business Requirements Document (BRD)

Website Name - Report

Project Overview:

The project involves the development of a comprehensive website focused on road transport law in India. The website aims to provide users with access to legal information, penalties, case studies, training and certification, and consultation services related to road transport laws. The website will cater to individuals, businesses, and legal professionals interested in this area.

Stakeholders:

1. Website Owner: Responsible for the overall vision and management of the website.
2. Developers: Responsible for website design, development, and maintenance.
3. Users: Individuals, businesses, and legal professionals who will use the website to access legal information and services.

Functional Requirements:

1. Legal Information Display:

- Display all relevant road transport laws in India.
- Include penalties associated with each law.

2. New Laws Section:

- Include a separate section to display newly enacted laws (within the last 6 months).

3. Road Transport Regulations:

- Traffic Rules and Regulations
- Driver Behavior
- Vehicle Safety Standards
- Commercial Transport Regulations
- Environmental Regulations
- Insurance Requirements

3. Multilingual Chatbot Support:

- Develop LLM CHATBOT to address user queries related to road transport laws for users with different language preferences.

4. User Profiles:

- Allow users to create profiles to manage personal information and documents related to road transport.

5. Penalties Payment:

- Implement a payment option for penalties.

6. Training and Certification:

- Offer online courses and resources for users interested in gaining knowledge or certification in road transport law.

7. Case Studies Repository:

- Provide a repository of case studies related to road transport law for educational purposes.

8. Interactive Map:

- Include an interactive map displaying roads, highways, tolls, toll tax, helplines, accident-prone areas.

9. Feedback System:

- Implement a feedback mechanism to allow users to provide feedback on laws and website functionality.

10. Legal Consultation Service:

- Offer paid legal consultation services for users seeking personalized advice on road transport laws.

Non-Functional Requirements:

1.Mobile Responsiveness:

- Ensure the website is optimized for mobile devices.

2. Security:

- Implement robust security measures to protect user data and ensure compliance with data protection regulations.

3.Scalability:

- Design the website to accommodate a growing user base and increasing data volume.

Technical Requirements:

Frontend Technologies:

- HTML, CSS, JavaScript
- Frameworks like React for dynamic content

Backend Technologies:

- Server-side scripting language (Node.js)
- Database management system (MongoDB)

Hosting and Infrastructure:

- Select a reliable hosting provider capable of handling website traffic and ensuring uptime.(ex. AWS)

API Integration:

- Integrate APIs for real-time updates on laws and penalties, language translation services, and payment processing for consultation services.

Conclusion:

The requirements gathering document provides a comprehensive overview of the functionality, technical specifications, and expectations for the development of the road transport law website. This document will serve as a guide for developers and stakeholders throughout the development process, ensuring that the final product meets the needs and requirements of the target audience.