Overview

The internship at **DCIS** was focused on building a web platform that simplifies the process of filling out complex immigration forms. These forms are usually available on government websites such as **USCIS.gov** (U.S. Citizenship and Immigration Services) and are often difficult for the general public to complete without assistance.

The goal was to design and develop a user-friendly system for completing immigration forms, similar to the approach used by FileRight.com, which provides a simplified, step-by-step method to help users easily fill out government forms.

Project Goal

Help users fill out government immigration forms easily.

1. Automate the process using templating and dynamic rendering.
2. Ensure backend and frontend processes are seamless.
3. Support countries like the **United States**, **Canada**, and **Australia**.
4. Enable user engagement and data collection for marketing purposes.

Project Flow

The project followed a systematic development cycle with the following phases:

1. Networking

Networking is the practice of connecting computers and other devices to share resources and information. It allows data to travel between users, servers, and systems over wired or

wireless connections. Networks can be local (LAN) or global (like the internet). Effective networking is essential for communication, collaboration, and data access in modern systems.

2. Product List

➔ I-90
➔ N-400
➔ N-565
➔ N-600
➔ I-131
➔ I-130
➔ I-765
➔ I-751
➔ I-130i485
➔ I-485
➔ I-821D

3. Frontend Design

- Used to design the visual and interactive part of the website.

- Ensures the platform is responsive and user-friendly across devices.

- JavaScript handles dynamic content and real-time validations.

4. Backend Development

- Manages application logic and handles data processing securely.

- Supports scalable development with robust MVC architecture.

- Communicates between the frontend and the database efficiently.

5. Testing

- Ensures each module (form steps, user login, etc.) works as expected.

- Validates field inputs, data saving, and error handling.

- Bugs are identified and resolved before deployment.

- Guarantees smooth and error-free user experience.

6. Deployment (Live Hosting)

- Ensures uptime, fast load times, and server-side resource availability.
- Supports secure access and flexible server management.
- Provides monitoring tools for tracking performance post-launch.

7. SEO and Content Writing

- WordPress is used to publish and manage optimized web content.
- SEO improves visibility in search engines, attracting more users.
- Analytics tools track visitor behavior, bounce rate, and conversions.
- Helps in continuously improving site performance and engagement.

8. User Interaction and Form Flow

Users visit the site and select the immigration form they need (e.g.,*EligibilityForm*).

- The system checks their eligibility and guides them through filling the form.
- Once eligible, the system redirects them to a **Sign In page**.
- The user provides personal details like:
    * Gmail ID
    * Mobile number
    * Full name
    * Other required fields
- All this data is securely stored in the **backend database**.

9. Marketing

- After data is collected, the **marketing team** accesses the database.
- They use the data to:
    * Send promotional emails.
    * Follow up with potential customers.

* Offer related immigration services.

Technologies Used

Module Tools / Technologies

Frontend:	HTML, CSS, JavaScript
Backend:	Spring Framework CMS & Content WordPress
Database:	MySQL
Deployment:	AWS EC2 instance
Hosting:	AWS Hosting
SEO Tools:	Google Analytics, Heap Analytics
Version Control:	GitHub

User Method (User Journey)

When a user is looking to apply for an immigration form such as **Form N-400** (Application for Naturalization) or **Form I-90** (Green Card Replacement/Renewal), they typically begin by searching online for a solution to help them complete the form. One of the top results in the search engine will often be **FileRight.com**, a user- friendly platform that guides applicants through the process in a simplified and step- by-step manner. Once the user lands on the FileRight.com website, they are able to the **select the form** they need from a list of available immigration forms for the **US, Canada, and Australia**.

The process starts with an **Eligibility Quiz** to ensure the applicant qualifies for the form they selected. If the user is eligible, they move on to the **Registration stage**, where they **create an account** by providing personal details such as their name, email address, and mobile number. Following registration, the user is presented with a series of **simple, user-friendly questions** that collect their personal and immigration information.

Once the basic data has been entered, the platform performs a **Smart Check** to validate the accuracy and completeness of the responses. The

user is then directed to make a **Payment**, after which they are prompted to upload any **Supporting Evidence** required for the form. A **second Smart Check** is conducted to ensure that everything is ready for review.

The form then proceeds to a **Lawyer Review** stage (if applicable), where immigration professionals review the application for legal accuracy. The user may also be asked for any **Additional Information** if needed. Finally, the user provides their **Mailing Address**, and the form is finalized.

Upon completion, the form and any **customized instructions** are saved and stored in the system's **database**. This data can be later accessed for updates, future filings, or marketing follow-up by the company.

Conclusion

This documentation explains how the immigration form automation system at **DCIS** works, similar to websites like **FileRight.com**. It helps users fill out government forms (like N-400 or I-90) in a simple and user-friendly way. The process includes steps like choosing a form, checking eligibility, filling in personal details, uploading documents, and submitting the form.

Even though I haven't directly worked on building the system, this document shows my understanding of how the full process works—from design and development to testing, going live, SEO, and marketing. This experience has helped me learn how real-world websites and services are created and managed.