User Manual

Maintaining up-to-date versions of BARE Acts is a significant challenge due to continuous updates and decentralized publication, often leading to outdated legal references. Our application addresses this issue by developing a comprehensive BARE Act Update Engine that automates the detection, retrieval, and integration of updates using advanced technologies like Natural Language Processing (NLP). Additionally, it consists of a user-interface that assists users in efficiently accessing and navigating the updated legal texts. This project not only enhances legal reference accuracy but also aligns with SDG 4 (Quality Education) and SDG 16 (Peace, Justice, and Strong Institutions).

Show Original Document

- Displays the original PDF document as uploaded by the user Displays the original PDF document as uploaded by the user, ensuring the user can view the exact document content while preserving its formatting and structure.

Show Extracted Document

- Displays the extracted text from the PDF document, divided into pages. Each page is separated by a horizontal rule, facilitating easier text analysis and search within the document.

View Sections

- Allows the user to select specific sections of the document using checkboxes and displays the content of the selected sections for focused reading. Additionally, it provides an option to look up a word within each section for better understanding.

Dictionary Lookup

- Provides a sidebar option to enter a word and fetch its definition using the WordsAPI, displaying the definition if found. If no definition is found, the user is alerted, ensuring clarity on word meanings.

Update Circulars

- **Automatic Document Retrieval:** The function automatically fetches the latest circulars from the Ministry of Home Affairs website, saving users the time and effort of manual downloads.
- **Up-to-Date Information:** It ensures users have access to the most recent circulars and notifications, keeping them informed about the latest government communications.
- **Organized Storage:** All downloaded circulars are neatly stored in a dedicated folder, making it easy for users to locate and access the documents they need.
- Progress Tracking: Users can see real-time updates on the download process, including which documents are new, which already exist, and any issues encountered during the update.

Table of Contents

Lists all documents stored in the specified folders with their metadata for easy reference, providing sorting options for titles. Each row has a select button to navigate directly to the corresponding PDF document and display it.

Bare Acts – Table of Contents:

- o **Title**: The name of the act or document, providing a clear reference to the legal text.
- o **Act Number**: The numerical identifier assigned to the act, which helps in distinguishing it from other acts of that year.
- o **Act Year**: The year associated with the act.
- o **Date**: The date when the act was enacted.
- o **PDF:** The filename of the PDF containing the act, used for locating and accessing the digital document.

Circulars – Table of Contents:

- o **Title**: The name of the act or document.
- o **File No.**: The file number assigned to the circular, which helps in tracking and referencing the document
- o **Issuer:** The authority or department that has issued the circular, providing context about the origin and the responsible entity.
- o **Date:** The date on which the circular was issued, important for understanding the timeline and relevance of the information.
- o **Signatory:** The official who has signed the circular, indicating the person responsible for the content and authorization of the document.

Our application effectively addresses the challenge of maintaining up-to-date BARE Acts by automating updates using advanced NLP technologies. Its user-friendly interface ensures efficient access and navigation of legal texts, enhancing legal reference accuracy. This tool not only supports legal professionals and researchers but also aligns with SDG 4 (Quality Education) and SDG 16 (Peace, Justice, and Strong Institutions), making it an essential resource for maintaining legal document integrity and accessibility.