RegAI - Regulatory Analytical Tool for Connectivity

Problem Statement

The telecommunication sector is governed by a myriad of regulations that vary nationally. Stakeholders, including initiatives like Giga which aims to connect all schools to the Internet, often find it challenging to navigate this complex regulatory landscape. This complexity can lead to potential non-compliance, hindered progress, and missed opportunities for innovation in connecting schools.

Goal

In alignment with Giga's mission to connect every school globally, the goal is to create a tool that comprehensively analyzes the national regulatory landscape within the telecommunication and connectivity sector. This tool will provide insights into existing regulations, identify gaps, and offer recommendations for policy enhancements to facilitate Giga's mission more effectively.

Expected Outputs

Regulatory Analysis Tool: A digital platform capable of scanning, interpreting, and summarizing national regulations in the telecommunication and connectivity sector, with the following features:

- Interactive Dashboard: A user-friendly interface displaying key regulatory insights, trends, and potential areas of concern for regulation in the telecommunications sector.
- Document Management Module: A feature allowing users to upload, replace, and manage documents within the knowledge repository.

Open-Source Code: All developed code must be open-sourced, documented and hosted on GitHub, allowing for community contributions and transparency.

Provided Data and Documents

National Regulations Database: A collection of existing and past regulations, policies, and guidelines of the telecommunications and connectivity sector from 5 countries (~5 documents per country, subject to availability).

Global Connectivity Reports: Studies and reports that provide insights into global connectivity trends, challenges, and opportunities.

Metadata and Tags: Pre-defined tags and metadata associated with regulations to facilitate efficient categorization, search, and retrieval within the tool.