Digital Assistant for Legal Awareness and Designing KYC Framework in India

Sudarshan Sikchi, Manoj Goje, Tejas Dabadkar, Prof. Ketki Kulkarni

ABSTRACT: In a rapidly evolving digital age, access to comprehensive legal information is crucial for fostering a just and informed society. In India, where legal complexities often hinder the understanding of one's rights and responsibilities, the need for a robust and accessible legal awareness platform is paramount. The "Digital Assistant for Legal Awareness and Designing a KYR (Know Your Rights) Framework in India" project is an ambitious endeavor aimed at addressing this challenge. This project seeks to develop a user-friendly digital assistant and a KYR framework, tailored to the Indian context, that will empower individuals with legal knowledge. Through meticulous content creation, collaboration with legal experts, and the use of cutting-edge technology, the project endeavors to provide accurate, up-to-date, and easily comprehensible legal information. By incorporating interactive tools, multiple Indian languages, and a legal aid directory, the digital assistant aims to break down barriers to legal understanding and access to justice. The project's outreach efforts, including social media promotion and educational content creation, will ensure that legal awareness reaches a broader audience. By respecting privacy and security measures, this initiative prioritizes the confidentiality of user data, particularly in legal matters. The expected outcomes of this project encompass increased legal literacy, improved access to justice, and the empowerment of individuals to assert their rights confidently. By offering a reliable and accessible source of legal information, this project aspires to foster a culture of legal awareness that contributes to a more just and equitable society in India.

KAYWORDS: Legal data analytics, Prior case retrieval, Statute retrieval, Legal facts

I.   INTRODUCTION

Legal awareness refers to an individual's understanding and knowledge of the law, legal rights, and obligations within a given jurisdiction. It encompasses the awareness of legal processes, procedures, and the ability to comprehend and navigate legal issues. Legal awareness empowers individuals to make informed decisions, exercise their rights, and participate meaningfully in the legal system.

Problem Definition The development of a digital assistant for legal awareness emerges as a strategic solution. Such an assistant can leverage technology to bridge the gap in legal knowledge, offering a user-friendly and accessible platform for individuals to access accurate legal information, understand their rights, and navigate legal procedures with confidence. By addressing these issues, the digital assistant aims to empower individuals, promote access to justice, and contribute to the creation of a more informed and just society.

II.   LITERATURE SURVEY

The digital assistant provides an interactive learning experience, allowing users to ask questions, seek clarifications, and engage in conversations to enhance understanding. Covers fundamental legal concepts, principles, and terminologies to build a foundational understanding of the law.Offers information on specific legal areas such as civil law, criminal law, family law, employment law, and more, based on user needs.Ensures accessibility by providing content in multiple languages to cater to diverse user populations.Designs an intuitive and user-friendly interface that accommodates users with varying levels of digital literacy.

III.   SYSTEM SPECIFICATION

Security and Privacy, Integration, Scalability and Performance, Support and Maintenance

Software Requirement

Name of component	Specification
Operating system	Windows 7
Language	HTML, CSS, JS
Database	No use of database
Browser	Any of Mozilla, opera, Chrome etc.
Web Server	Chrome

Hardware Requirement

Name of component	Specification
Ram	Pentium III 630MHZ
Hard disk	20 GB
Monitor	15'' color monitor
Keyboard	122 keys

IV.   SYSTEM DEVELOPMENT

Requirements Gathering: Conducted research and analysis to determine the objectives and requirements of the portfolio website with a visitor counter. Identified the need for a visually appealing and user-friendly interface to showcase projects and track visitor engagement. Gathered specific requirements for features such as project display, visitor counter functionality, and responsive design. Design Phase: Created wireframes and mockups to visualize the layout, structure, and user interface of the portfolio website. Designed a modern and professional look with attention to typography, color schemes, and visual hierarchy. Developed a navigation system to ensure easy access to different sections and project categories. Front-end Development: Implemented the design using HTML, CSS.: Developed responsive layouts to ensure optimal display on various devices and screen sizes. Utilized CSS frameworks like Bootstrap to expedite development and enhance consistency. Testing and Quality Assurance: Conducted rigorous testing to identify and resolve any issues or bugs in the system. Performed functional testing to ensure proper functionality of the visitor counter and project display. Tested the website on multiple web browsers and devices to ensure cross- browser and cross-device compatibility. Deployment and Maintenance: Deployed the Digital Assistant on a web server. Configured the server environment to support the required technologies. Implemented regular maintenance and monitoring to ensure the website's smooth functioning and security. User Acceptance Testing: Invited users to test the Digital Assistant and provide feedback on its usability and functionality. Incorporated user feedback to make necessary improvements and enhancements.

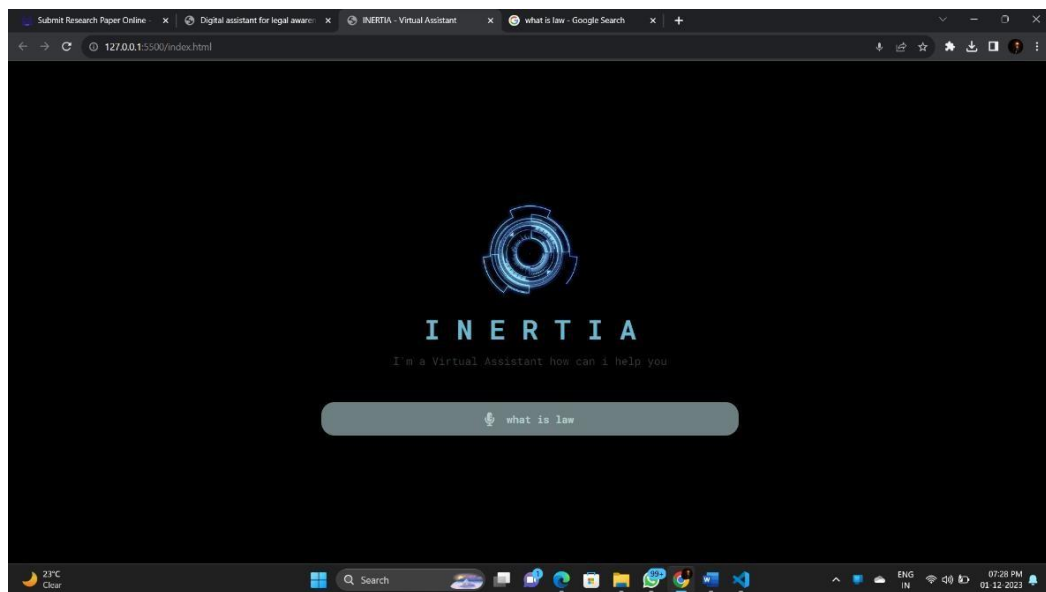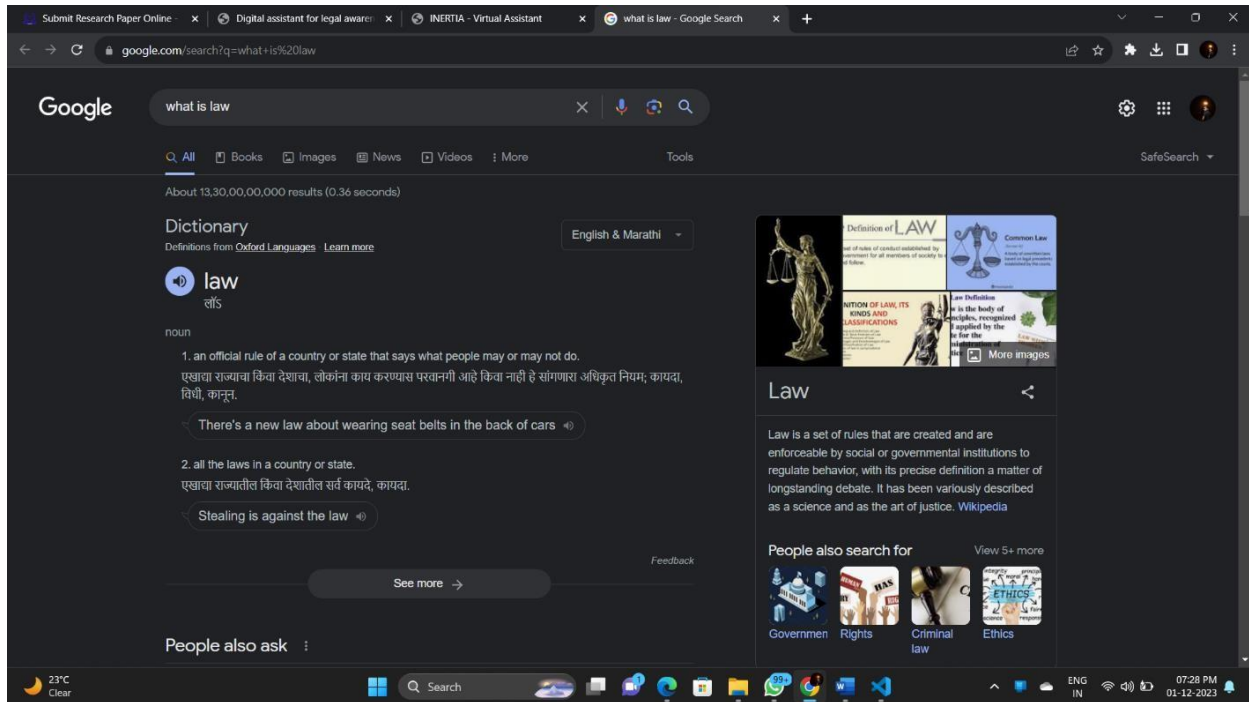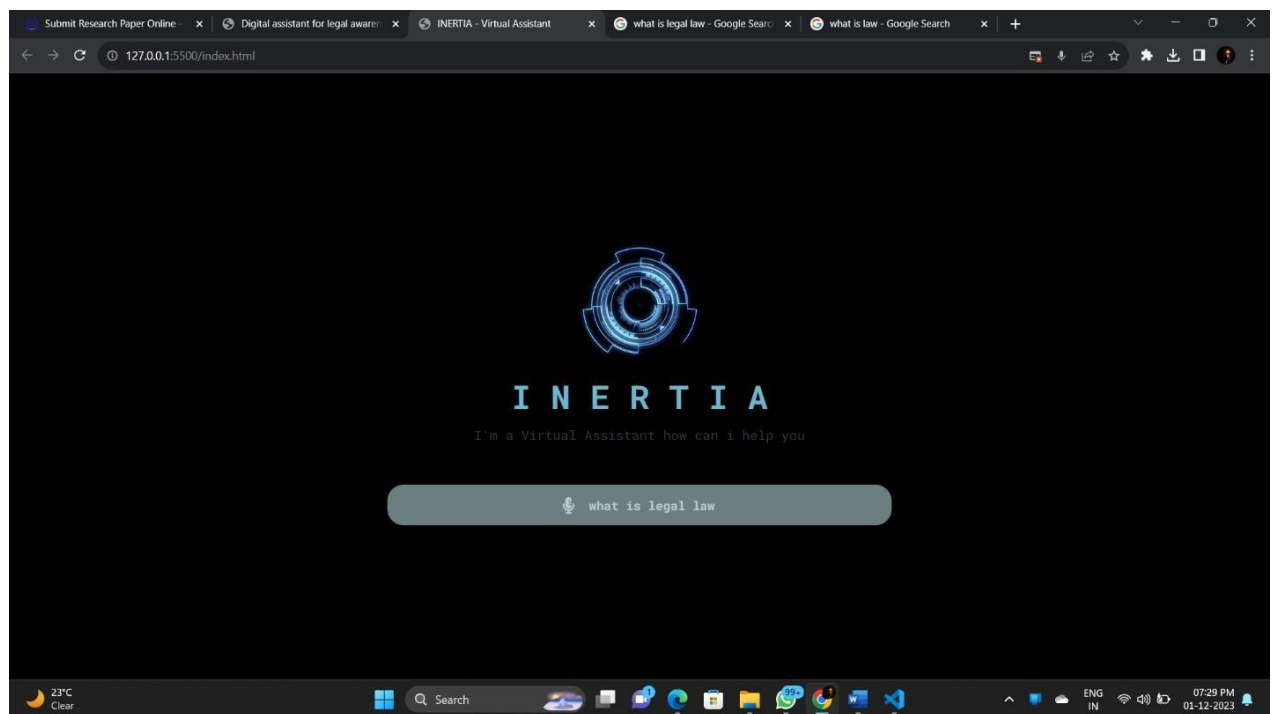## V.   DIGITAL ASSISTANT HOME PAGE

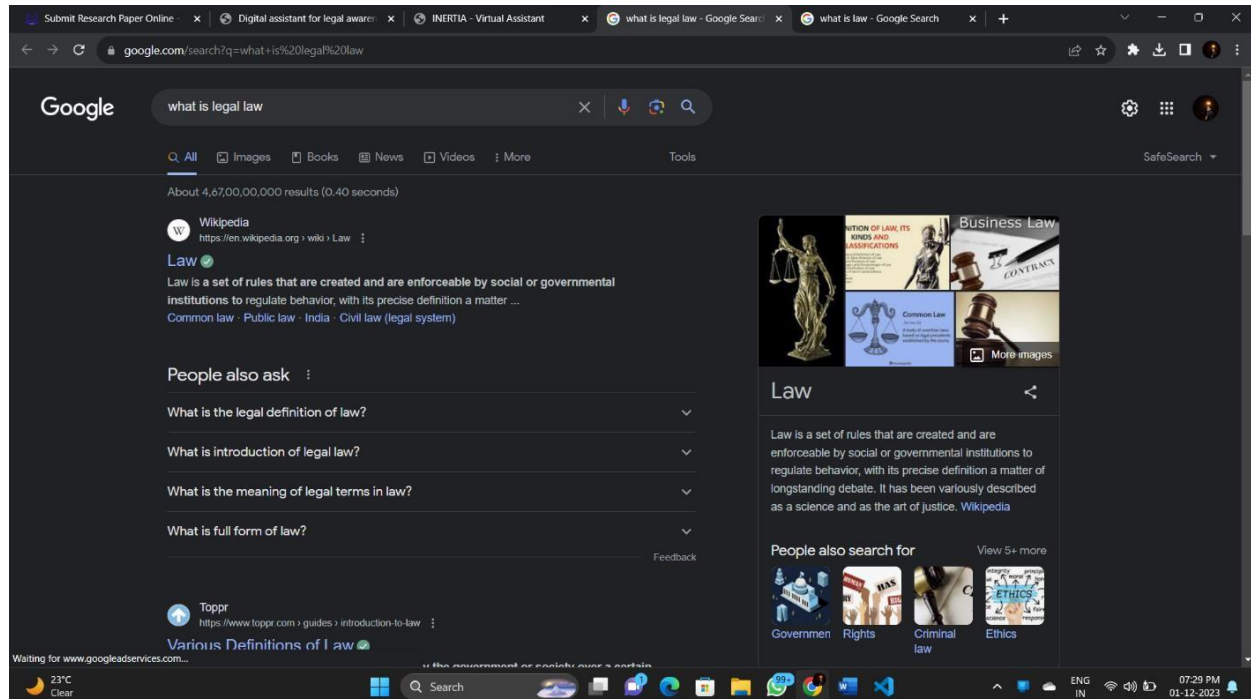

Fig. V.I

Fig. V.II

Fig. V.III

Fig. V.IV

VI. APPLICATION OF PROPOSED SYSTEM

KYC is used to verify the identity and address of investors at the time of opening their accounts. It helps to establish the investor's identity, prevent fraudulent activities, and ensure financial fair play in the market.

VII. ADVANTAGES, DISADVANTAGES & APPLICATION

Advantages: A comprehensive KYC process can help shield your bank from a host of financial crimes — including fraud, identity theft and money laundering. An efficient process also reduces delays in the customer journey. But managing that process is a sizeable challenge if you're doing it all manually.

Disadvantages: With KYC checks relying on a person to verify the identity documents, a lack of knowledge and training and security complacency can mean that the level of risk for businesses is high, leaving them open to fraud.

VIII. APPLICATION

KYC is used to verify the identity and address of investors at the time of opening their demat accounts and trading accounts. It helps to establish the investor's identity, prevent fraudulent activities, and ensure financial fair play in the market.

IX.   CONCLUSION

Centre Hub for KYC. Cartelised KYC Hub to Access genuine and verified customer. Know your customer (KYC) processes place a great burden on banks, because they are costly, inefficient, and inconvenient for customers. While blockchain technology is often mentioned as a potential solution, it is not clear how to use the technology's advantages without violating data protection regulations and customer privacy. We demonstrate how blockchain-based self- sovereign identity (SSI) can solve the challenges of KYC. We follow a rigorous design science research approach to create a framework that utilizes SSI in the KYC process, deriving nascent design principles that theorize on blockchain's role for SSI.

X.   REFERENCES

KYC Know Your Customer A Complete Guide - 2021 Edition Kindle Edition by Gerardus Bloody (Author)