

**A PROJECT REPORT
ON
AN AI-POWERED LEGAL DOCUMENTATION ASSISTANT**

Submitted by,

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Ms. Moulya H M	- 20211CAI0175

Under the guidance of,

Dr. Swati Sharma

in partial fulfillment for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN**

**COMPUTER SCIENCE AND ENGINEERING
(ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)**

At



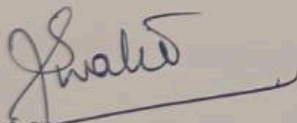
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MAY 2025**

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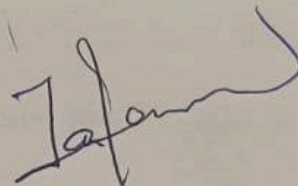
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CERTIFICATE

This is to certify that the Project report “An AI-Powered Legal Documentation Assistant” being submitted by Siri H G, E Bhavani, S Sanjana and Moulya H M bearing roll numbers 20211CAI0065, 20211CAI0076, 20211CAI0064 and 20211CAI0175 in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering is a bonified work carried out under my supervision.



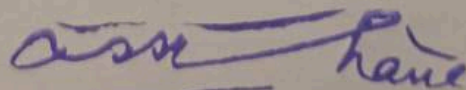
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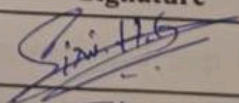
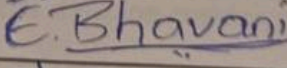
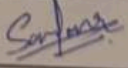
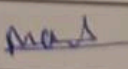
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DECLARATION

I hereby declare that the work, which is being presented in the report entitled "AI Powered Legal Documentation Assistant" in partial fulfillment for the award of Degree of Bachelor of Technology in Computer Science and Engineering, is a record of my own investigations carried under the guidance of Dr. Swati Sharma, Professor, Presidency School of Computer Science and Engineering, Presidency University, Bengaluru.

We have not submitted the matter presented in this report anywhere for the award of any other Degree.

Student Name	Roll No	Signature
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ACKNOWLEDGEMENT

First of all, we indebted to the **GOD ALMIGHTY** for giving me an opportunity to excel in our efforts to complete this project on time.

We express our sincere thanks to our respected dean **Dr. Md. Sameeruddin Khan**, Pro-VC - Engineering and Dean, Presidency School of Computer Science and Engineering & Presidency School of Information Science, Presidency University for getting us permission to undergo the project.

We express our heartfelt gratitude to our beloved Associate Dean **Dr. Mydhili Nair**, Presidency School of Computer Science and Engineering, Presidency University, and **Dr. Zafar Ali Khan N**, Professor, Head of the Department, Presidency School of Computer Science and Engineering, Presidency University, for rendering timely help in completing this project successfully.

We are greatly indebted to our guide **Dr. Swati Sharma, Professor and Reviewer Dr. Mohammedi Akheela Khanum, Professor**, Presidency School of Computer Science and Engineering, Presidency University for his/her inspirational guidance, and valuable suggestions and for providing us a chance to express our technical capabilities in every respect for the completion of the project work.

We would like to convey our gratitude and heartfelt thanks to the PIP4001 Project Coordinator **Mr. Md Ziaur Rahman** and **Dr. Sampath A K**, department Project Coordinators **Dr. Afroz Pasha** and Git hub coordinator **Mr. Muthuraj**.

We thank our family and friends for the strong support and inspiration they have provided us in bringing out this project.

Siri H G
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ABSTRACT

The AI-Powered Legal Documentation Assistant is a sophisticated solution that automates and simplifies the drafting, review, and maintenance of legal documents. With the latest in Artificial Intelligence (AI) and Natural Language Processing (NLP) technologies, the software allows one to easily create contracts, agreements, and other legal documents. Reducing the need for human intervention, the system significantly eliminates human error, improves precision, and stays up to date with legal requirements and best practices. The features of the tool are its ability to scan legal terminologies, clauses, and document structures, enabling the legal expert to rapidly recognize and process key entities such as parties, obligations, and deadlines.

Further, the AI-Powered Legal Documentation Assistant also possesses an intelligent search and retrieval mechanism that speeds up legal research.

Using semantic search, it enables individuals to rapidly discover the applicable legal documents, case laws, and contract clauses. The software also employs machine learning for predicting potential legal risks and suggesting recommendations on how to optimize contract terms to ensure that legal documents are free of any risk and are complete. The software also perfectly integrates with APIs and legal databases to ensure that the documents are regularly updated with existing regulations and laws. One of the system's most distinguishing features is its secure document management, with encryption and access control elements to protect sensitive legal information from unauthorized individuals and cyber threats. The feature ensures confidentiality and has the highest possible data security standards. The tool is not only designed to ease workflow efficiency and accuracy of legal documents but also to enhance productivity by liberating legal professionals from laborious and routine tasks.

The AI-Powered Legal Documentation Assistant represents a monumental step in legal technology that enables legal professionals to focus time on essential decision-making with overall operational efficiency enhanced.

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PIP4004 Internship/University Project Project Submission check list		
SL. No	ITEM	Give Completion Status as Yes / No, If No - Mention the problem you have.
1	Are the contents in the report arranged in the specified sequence?	✓
2	Are the page dimensions and binding specifications followed?	✓
3	Are the typing instructions followed as given?	✓
4	Proof of publications/Conference Paper Presented /Certificates of all students enclosed?	✓
5	Include certificate(s) of any Achievement/Award won in any project-related event enclosed if any	✓
6	Similarity Index / Plagiarism Check report clearly showing the Percentage (%) - first page enclosed?	✓
7	Details of mapping the project with the Sustainable Development Goals (SDGs) enclosed?	✓
8	Are the Documents uploaded by students in GITHUB and Drive Shared 1. Complete Code (with all the supporting files). 2. Signed Final Report PDF. 3. Final Review PPT.	✓

Guide Name:

Dr. Swaleh Shauin

Guide Signature:

Swaleh

Semester: 8

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Date:

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16 May 2025