Judicial Insight Navigator

PES UNIVERSITY

(Established under Karnataka Act No. 16 of 2013)
100-ft Ring Road, Bengaluru – 560 085, Karnataka, India

Project Report (Phase-1)
on

Judicial Insight Navigator

Submitted by
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Oct 2023 – Jan 2024

under the guidance of

Guide Details

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FACULTY OF ENGINEERING
DEPARTMENT OF COMPUTER APPLICATIONS
PROGRAM – MASTER OF COMPUTER APPLICATIONS

CERTIFICATE

This is to certify that the project entitled

Judicial Insight Navigator

is a bonafide work carried out by

Abhishek Kumar-PES1PG22CA005

in partial fulfillment for the completion of Capstone Project, Phase-1 work in the Program of Study MCA under rules and regulations of PES University, Bengaluru during the period Oct. 2023 – Jan 2024. The project report has been approved as it satisfies the academic requirements of 3rd semester MCA.

Signature with date
Internal Guide
Dr. S Thenmozhi
Professor,
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Signature with date & Seal
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Dr. Veena S
Department of Computer Applications,
PES University, Bengaluru - 560085

DECLARATION

I, **Abhishek Kumar,** bearing **PES1PG22CA005** hereby declare that the Capstone project phase-1 entitled, ***Judicial Insight Navigator,*** is an original work done by me under the guidance of **Dr. S Thenmozhi,** Professor, PES University, and is being submitted in partial fulfillment of the requirements for completion of 3rd Semester course in the Program of Study **MCA**. All corrections/suggestions indicated for internal assessment have been incorporated in the report.

PLACE:Bengaluru

DATE: 29/01/2024

NAME : Abhishek Kumar

SIGNATURE OF THE CANDIDATE

Abstract

Judicial Insight Navigator is an Machine Learning (ML) driven document management system designed for Indian law firms. It utilizes chat-based interactions to help lawyers to search judgment documents based on contextual requirements related to similar cases. Natural Language Processing (NLP) and Optical Character Recognition (OCR) technology to extract text from clusters of legal personal documents of Lawyer(s). Using Classification algorithm it effectively categorizes and groups the Acts/Sections and Case types.This system Contextually Aware and gives the file Location, which helps in searching the related files for the required case. Judicial insight Navigator enhances the capabilities in Legal Analytics.

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