



LegalBot: A WhatsApp-Based Legal Assistance System for Indian Law using LLM and RAG NITHYA SHREE C COMPUTER SCIENCE AND ENGINEERING PANIMALAR ENGINEERING COLLEGE CHENNAI NITHYAAA.1845@GMAIL.COM POOJA RAVI COMPUTER SCIENCE AND ENGINEERING PANIMALAR ENGINEERING COLLEGE CHENNAI POOJARAVIRAM05@GMAIL.COM Abstract?Access to legal guidance remains limited for many individuals in India due to the high cost of consultation and lack of awareness about legal procedures. LegalBot addresses this challenge by providing an AI-powered legal assistance system accessible directly through WhatsApp. The system integrates OpenAI's GPT-4 model with LangChain and a Retrieval-Augmented Generation (RAG) pipeline connected to Pinecone... (only first 800 chars shown)



Analysis complete. Our feedback is listed below in printable form. Some of the items have been truncated or removed to provide better print compatibility.

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Word Choice

Usage of Bad Phrases

Bad Phrase Score: 0.29 (lower is better)

The Bad Phrase Score is based on the quality and quantity of trite or inappropriate words, phrases, egregious misspellings, and cliches found in your paper. You did equal or better than **100%** of the people in your grade.



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Style

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One sign of an excellent writer is the use of transitional phrases (e.g. therefore, consequently, furthermore). Transitional words and phrases contribute to the **cohesiveness**

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- between paragraphs
- between sentences
- between sentence parts
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Consider this example:

She is one of the most kind persons I have ever known. **Moreover**, she is generous, patient and possesses a magnificent sense of humor.

The word '**moreover**' contributes to greater unity or cohesion between sentences and allows the text to flow more smoothly.

Style

Sentence Length Info

Total Sentences: 261

Avg. Length: 12.8 words

Short Sentences (< 17 words): 157 (60%)

Long Sentences (> 35 words): 0 (0%)

Sentence Variation: 9.0 words (std deviation)



Your average sentence length is a little bit low, which may indicate difficulty writing more complex sentences. Please read the **guide to effective use of sentence length** (<http://blog.paperrater.com/2015/05/effective-use-of-sentence-length.html>) .

Line chart of the length of each sentence (first 50 sentences). A jagged chart indicates variation.



Helpful Resources:

- Effective Use of Sentence Length (<http://blog.paperrater.com/2015/05/effective-use-of-sentence-length.html>)

Vocabulary Words

Usage of Academic Vocabulary

Vocabulary Score: 450.63

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Vocabulary Word Count: 306

Percentage of Vocab Words: 11.66%

Vocab Words in this Paper (top 20):

underscores, integrates, augmented, domains, contextual, employs, aligns, equitable, fostering, comprehensive, inclusive, framework, facilitates, leverages, regulatory, mitigate, undermining, litigants, mechanisms, extractive



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