JURIS AI DEVELOPMENT PLAN/WORK SCOPE

Project Overview

I require a natural language document question and answering AI model being built. The model would be built from a pre-trained transformer. The developer would need to choose the most suitable and accurate model for this project.

Functional Requirements

- Extracting relevant information such as key terms, entities, relationships, and clauses
- Identify and classify entities mentioned in legal texts, including persons, organizations, dates, locations, laws, and legal concepts.
- Interpret legal language to understand the context, intent, and implications of the text.
- Identify legal concepts, principles, precedents, and doctrines mentioned in the documents.
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- References sections/chapters of the relevant documents to support responses.
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- Identify legal concepts, principles, precedents, and doctrines mentioned in the documents.
- Predict the outcomes of legal cases based on historical data, precedents, and relevant factors.
- Provide insights into the likelihood of success or potential risks associated with legal actions.
- Legal document generation based on the law and guidance provided within the texts.
- Highlight potential legal risks, discrepancies, or areas of non-compliance.
- Assist legal professionals in conducting research, finding relevant case law, statutes, and legal commentary.
- Incorporate feedback from users and domain experts to improve model accuracy, relevance, and usability.
- Update the model with new case law, legislative changes, and emerging legal trends (preferably automated but can be done manually if facilitated)

Data

- White Book 2023 (Would need to be swapped for 2024 upon release)
- Facilities to add further books seamlessly would need to be available (preferably automated but can be done manually if facilitated) An example of the types of books that will be added is enclosed within this (Personal Injury Pleadings 6th Ed)

1	Front End Development Estimated Cost:	• Design UI/UX interfaces based on wireframes/mockups • Implement responsive design for various devices. • Integrate frontend with backend APIs.
2	Back End Development Estimated Cost:	• Set up server environment (e.g., hosting, database). • Develop RESTful APIs or GraphQL endpoints. • Implement business logic and data processing.
3	Integration Testing Estimated Cost:	• Test the interaction between frontend and backend components. • Ensure data integrity and consistency. • Perform unit tests and integration tests.
4	User Acceptance Testing Estimated Cost:	• Opportunity for me to test the software and opportunity for necessary adjustments.
5	Deployment Estimated Cost:	• Choose a suitable hosting provider. • Configure servers and databases for production. • Deploy frontend and backend components. • Set up continuous integration/continuous deployment (CI/CD) pipelines.
6	Training Estimated Cost:	• Conduct training sessions for end-users (if applicable). • Provide ongoing support for bug fixes and enhancements
7	Maintenance and Updates Estimated Cost:	• Establish a plan for regular maintenance and updates. • Schedule periodic reviews and improvements.

All Technical Documentation must be provided for maintenance along with developments notes for each phase