Project Title: OpenSource ContractGPT

Problem Statement:

Drafting contracts and agreements is a laborious task for businesses, demanding legal expertise and meticulousness. Manual drafting often leads to errors and inconsistencies, posing risks of legal disputes and inefficiencies.

Solution:

Our solution automates contract creation using llama-2 7b quantized, an open-source language model. Through fine-tuning on legal data, we aim to develop a feature-rich and interactive chatbot capable of generating accurate and legally compliant documents, such as NDAs and standard agreements.

Technical Details & Tech Stack:

- **Language Model:** llama-2 7b quantized (open-source)
- **Fine-tuning Data:** Legal corpus comprising contract clauses, laws, and precedents.
- **Fine-tuning Framework:** TensorFlow or PyTorch
- **Deployment Platform:** Docker containerization for portability and scalability
- **API Development:** FastAPI or Flask for building robust APIs.
- **Integration:** Integration with messaging platforms like Slack or Microsoft Teams for user interaction
- **Infrastructure:** Utilizing GPU-accelerated computing for efficient model training and inference

Business Benefits:

- **Time Efficiency:** Drastically reduce contract drafting time, expediting deal closures.
- **Cost Savings:** Minimize reliance on expensive legal consultations for routine contracts.

- **Accuracy & Consistency:** Ensure contracts comply with legal requirements consistently, minimizing errors.
- **Scalability:** Easily scale contract creation to meet evolving business demands without significant resource increases.
- **User-Friendly Interface:** Provide an intuitive chatbot interface accessible to non-legal professionals, enhancing usability.

Conclusion:

Our ContractGPT transforms contract creation, optimizing operations, reducing legal risks, and empowering businesses to focus on core objectives.

Team Members:

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