**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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