GenAI Python Project

June 25th 2023

**Overall Objective Description:** Create a web-interfacing application that connects to a custom LLM model and allows users to input new truth data to improve quality of output.

**Budget:** XXX USD

**Deliverable timeframe:** 2 weeks

**Features to be developed:**

1. Phase I
   1. Super simplified, production-ready web application that interfaces between user and LLM application. Preferably built in Python but open to hearing alternative choices.
      1. User types question to the LLM application.
      2. The LLM application will output a result and list the documents which it referenced for this answer.
         1. Documents are a mix of PDFs, Excel sheets, website URLs.
      3. The web app should work on top windows and Mac browsers and be mobile-friendly, but no need for an app.
   2. The user, with the click of a button can challenge the answer and can upload a PDF or URL.
      1. The LLM reads the new source and re-runs its learning algorithm.
         1. [How do I know it’s improved? Can the algorithm automatically approve it as a new source? Perhaps by cross-referencing with other sources?]
      2. If algorithm approves the new source and corrects information, then user awarded with additional tokens immediately OR
      3. The algorithm will ask other users to agree on the updated source. Once two other individuals agree, the new source will be used. The old source deleted from vector database.
   3. Website needs email, name before interacting
2. Phase II

Contractors:

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| --- | --- | --- | --- | --- | --- | --- |
| Contractor | Country | Approximate hourly rate | ML/LLM Experience? | Backend/Frontend, Python? | Sophisticated Algorithms? | Other Notes |
| Insoftex | Ukranian |  | Yes | Yes |  |  |
| Serokell | Estonia |  | Yes | No? |  | MVP |
| Geek Solutions | Estonia |  | Yes, but no mention of LLM | Yes |  | Idea validation submission |