

Progress and Milestones

1. Progress Report

✓ Milestone 1 - Project Setup and Initial configuration:

- Set up the Next.js project architecture.
- Configure the necessary information for the integration of OpenAI.

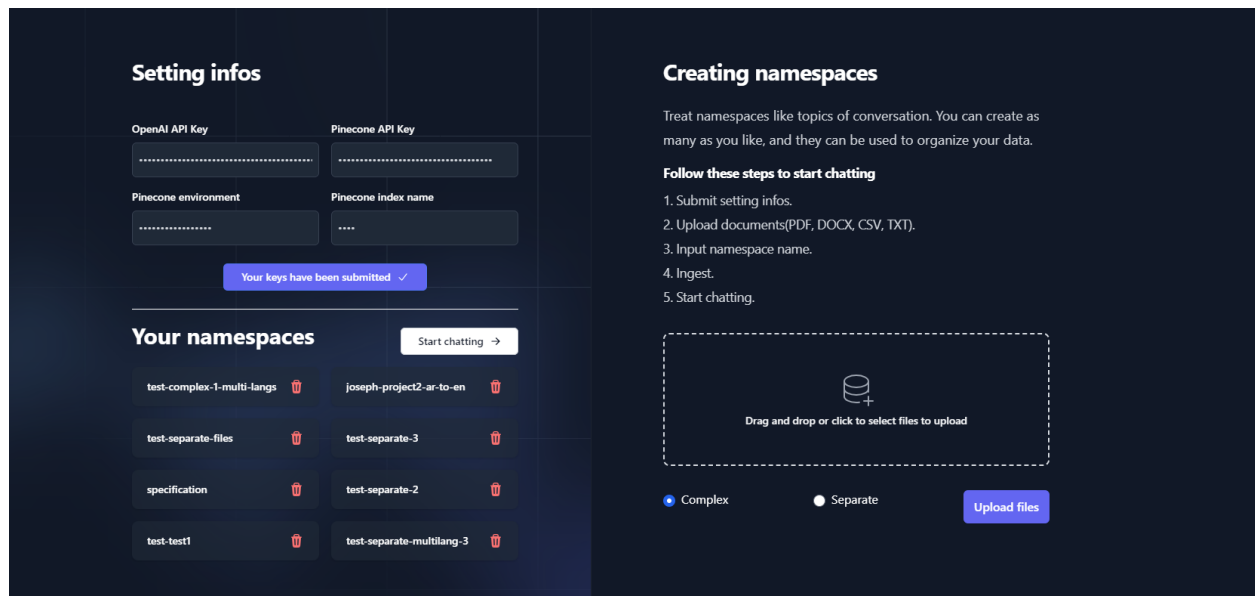
✓ Milestone 2 - Initial user interface and File Upload:

- Build the initial user interface for chatting and setting up pages.
- Implement the functionality to upload files (PDF, Word, txt) from the user interface.

✓ Milestone 3 - Analyze document and AI Chat Integration:

- Analyze the uploaded documents using OpenAI to extract relevant information.
- Integrate the AI model to enable chat functionality with the uploaded document.
- Allow users to interact with the AI-powered chatbot and get responses based on the content of the document.

I have attached some screenshots for your convenience to understand the current progress and workflow of the platform.



On the setting page, the platform configure settings such as OpenAI key and Pinecone API key.

Once the settings are configured, platform uploads document files in various formats including PDF, DOC, TXT, and CSV.

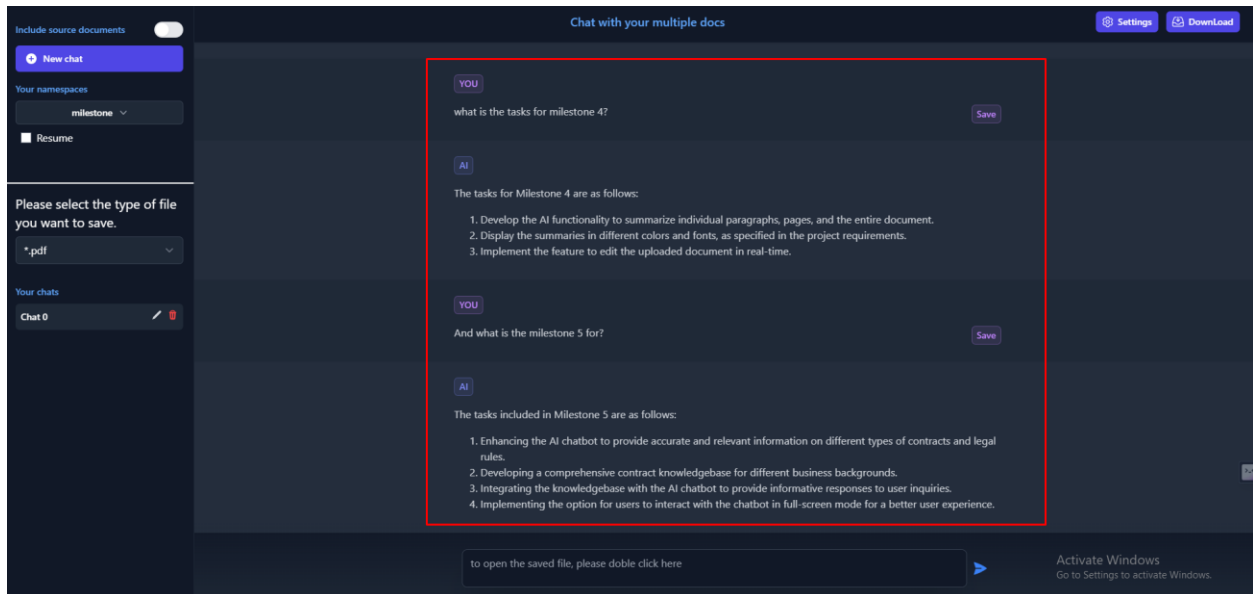
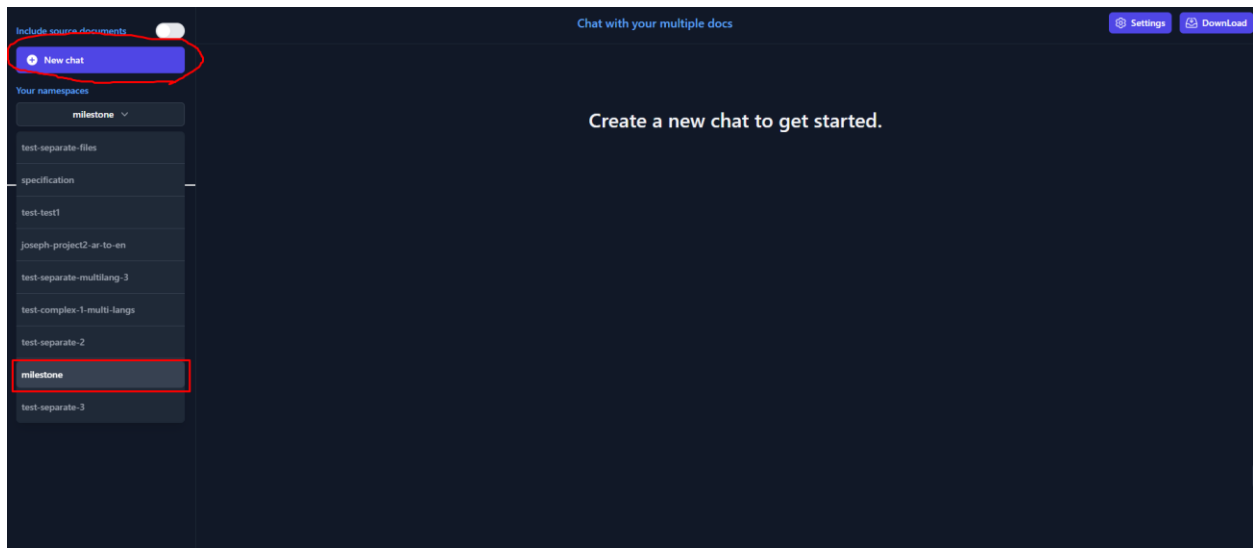
After uploading a document, the platform integrates with OpenAI to analyze the document and users can start a chat with the document. Users can choose a specific and create multiple chats per document, engaging in conversations.

For example, let's have a chat with the current document file.

The screenshot displays a dark-themed user interface with three main sections:

- Setting infos:** Contains input fields for 'OpenAI API Key', 'Pinecone API Key', 'Pinecone environment', and 'Pinecone index name'. A blue confirmation button states 'Your keys have been submitted ✓'.
- Your namespaces:** A grid of namespace cards, each with a trash icon. A 'Start chatting →' button is circled in red, with a red annotation '3. start chatting' pointing to it.
- Creating namespaces:** Provides instructions on treating namespaces as conversation topics. It lists five steps: 1. Submit setting infos, 2. Upload documents(PDF, DOCX, CSV, TXT), 3. Input namespace name, 4. Ingest, and 5. Start chatting. Below this, a document 'Milestones.docx' is shown in a dashed box, circled in red, with a red annotation '1. upload document file'. Radio buttons for 'Complex' (selected) and 'Separate' are present, along with a blue button 'Files uploaded successfully!'. A 'Namespace name' input field contains the text 'milestone', circled in red, with a red annotation '2. set document name' below it. A final blue button reads 'Data ingestion complete'.

In the main page, user choose a document and create new chat with the document.



Platform allows users to create multiple chat with a document by creating new chat.

2. Milestones for Remain Tasks

I have also created the following milestones for the remaining tasks of the project.

Milestone 4 - Document Summarization: (Deadline: 08/28, Budget: \$500)

- Develop the AI functionality to summarize individual paragraphs, pages, and the entire document.
- Display the summaries in different colors and fonts, as specified in the project requirements.

Milestone 5 - AI Chatbot and Legal Knowledgebase: (Deadline: 09/04, Budget: \$500)

- Enhance the AI chatbot to provide accurate and relevant information on different types of contracts and legal rules.
- Develop a comprehensive contract knowledgebase for different business backgrounds.
- Integrate the knowledgebase with the AI chatbot to provide informative responses to user inquiries.
- Implement the option for users to interact with the chatbot in full-screen mode for a better user experience.

Milestone 6 - Generate New Contract and Language Support: (Deadline: 09/11, Budget: \$500)

- Develop the "Fill-in" feature to generate a new contract from scratch.
- Provide fillable options for user and involved party information.
- Enable the selection of different contract categories and generate a contract based on the chosen category.
- Add multilingual support for English, Spanish, Chinese, Japanese, German, and French languages.

Milestone 7 – Edit in real-time and Export and Final Enhancements: (Deadline: 09/18, Budget: \$500)

- Implement the feature to edit the uploaded document in real-time.
- Allow users to compare the edited document with other contracts or agreements online.
- Implement the option to export the document with changes and summaries in various formats (PDF, Word, etc.).
- Ensure proper display and functionality of the platform on different screen sizes and resolutions.
- Conduct performance optimization to improve platform efficiency and loading speed.
- Conduct user testing sessions to gather feedback and make necessary refinements to the platform.