Transforming Clinical Document Creation with Generative AI

About

DocGenAI is a state-of-the-art framework that leverages advanced artificial intelligence (AI) to streamline the end-to-end creation and management of clinical documents. With pre-loaded templates, generative AI-driven content creation, and customizable workflows, DocGenAI accelerates document timelines, improves quality, and reduces manual effort. From streamlining workflows to reducing errors by 20-40%, DocGenAI transforms how medical writers and clinical teams create critical documents. Using a "**Decision by Jury**" approach, leveraging multiple clinical LLMs—including **Saama's proprietary clinical LLM**, it generates more accurate and reliable outputs.

Benefits

Knowledge-Driven Insights for Smarter Decision-Making

- Leverage insights from historical, ongoing, and competitive studies to create well-informed documents that optimize trials and reduce inefficiencies.
- Harness **AI-powered analytics** to identify gaps, ensure consistency, and enhance decision-making for trial readiness.

Enhance Productivity with AI-Driven Workflows

- Streamline document creation by reducing manual input through real-time editing and structured workflows.
- **Intelligent suggestions powered by GenAI** improve consistency and speed up the drafting, review, and approval process.

Increase Accuracy & Compliance

- Reduce **errors per draft by 20-40%** with template-guided authoring, built-in quality checks, and expert-driven reviews.
- Ensure compliance with regulatory standards while maintaining consistent formatting and quality across documents.

Achieve Efficiency Gains

- Save **30-40% content drafting time** by utilizing intelligent workflows that enhance team collaboration and document completion rates.
- Reuse structured content to lower manual effort and reduce creation cycles from 2-3 iterations to just 1-2.

Scalable and Customizable for Any Trial

- Adapt pre-loaded templates and work seamlessly across document types to suit different therapeutic areas and all document creation needs.
- Easily customize templates and workflows with **GenAI-enabled** flexibility, ensuring seamless scalability across teams and faster implementation.

 | **Saama, LLC** | 900 East Hamilton Avenue, Suite 430, Campbell, CA 95008
http://www.saama.com | USA: 1.408.371.1900 | info@saama.com

Features

Generative AI Framework

- **AI-powered content generation** creates clinical documents with fewer revisions, reducing time and errors.
- Generate entire sections of protocols, CSRs, and other key documents using study-specific data.

Knowledge Base Integration

AI-powered search and insights from historical and public sources enhance decision-making and document design. Easily retrieve relevant information from your study and external databases.

Template Management

Upload and manage **customizable templates** that align with organizational standards. Templates help streamline document creation across teams and study phases.

Medical Lens

Accelerates literature review with **GenAI-powered** searches, summarizing findings quickly for expert validation and integration into trial designs.

Prompt Library & Workflow Management

- A centralized library of **study-specific prompts** enables consistent document creation, ensuring accuracy across studies.
- **Organize and manage prompts** for specific document types or sections to save time and improve consistency.

Protocol & CSR Modules

DocGenAI offers specialized support for the creation of **protocols** and **clinical study reports (CSRs)**, integrating advanced AI and template management features. These modules streamline drafting and enhance accuracy across the documentation process.

The Saama Advantage

DocGenAI uniquely combines generative AI with intuitive workflows and template management to streamline the clinical document creation process. Its advanced capabilities enable faster, more accurate document drafting, reducing operational burdens and accelerating timelines. By enhancing collaboration, ensuring compliance, and improving overall document quality, DocGenAI empowers clinical teams to meet the increasing demands of modern clinical trials.