# **PROJECT SUMMARY**

During the hackathon, I created FinDocGPT, an AI-powered financial document assistant that makes it easy to navigate complex reports. Financial reports, research papers, and investment summaries can be dense and time-consuming to analyze. This is especially true for users who need quick insights without digging through hundreds of pages.

FinDocGPT addresses this issue by allowing users to upload PDFs or Word files. They then receive an overview of the document, interactive Q&A features, and forecasting tools for stock tickers instantly. The app has a user-friendly interface, built with Streamlit, which organizes features into clear tabs: Overview, Q&A, and Forecast. This makes navigation easy for both beginners and professionals.

In the background, it uses PyPDF2 and python-docx for text extraction, scikit-learn for TF-IDF-based semantic search, and yfinance for real-time financial forecasting. This combination ensures speed and accuracy, even with large datasets.

The project is fully functional today. Users can upload their own documents or test with a sample file, ask specific questions, view concise summaries, and generate market forecasts. With a refined UI, branded visuals, and responsive design, it provides both usefulness and an appealing presentation.

FinDocGPT benefits analysts, investors, students, and anyone who deals with large financial documents. It’s fast, precise, and ready for real-world use. It shows how AI can convert overwhelming financial data into useful insights.