## *****User Stories: Understanding the Needs of All Stakeholders*****

To ensure the Gemini Pro Financial Decoder meets the expectations of all its users, the following user stories outline the key functionalities and experiences desired by various roles interacting with the system:

| **Role** | **User Story** |
| --- | --- |
| User | I want to upload financial documents like balance sheets, P&L statements, and cash flow statements in CSV or XLSX format. |
| User | I want the system to summarize these documents in simple, easy-to-understand language so I can quickly grasp key financial insights. |
| User | I want to see visual charts of the uploaded financial data so I can easily identify trends and patterns. |
| User | I want a clear and intuitive interface for uploading files and generating reports so the process is straightforward. |
| User | I want to see a loading indicator while the reports are being generated so I know the system is working. |
| Finance Analyst | I want to quickly interpret financial data without manually going through raw files so I can save time and focus on analysis. |
| Finance Analyst | I want summaries that highlight key financial metrics and insights from each statement so I can get a high-level overview at a glance. |
| Finance Analyst | I want to visualize numerical data from my financial statements as line charts so I can easily spot performance changes over time. |
| Finance Analyst | I want to ensure the uploaded data is correctly parsed and displayed before the summary generation so I can verify its accuracy. |
| Developer | I want the LLM to generate consistent and informative insights for all users in a more precise and good way for presenting my project. |
| Developer | I want to easily manage the API key for the Gemini model using environment variables so the code is secure and configurable. |
| Developer | I want to use specific prompt templates for different financial statements (Balance Sheet, P&L, Cash Flow) so the LLM responses are tailored and relevant. |
| Developer | I want to ensure the application can handle both CSV and XLSX file formats for data uploads to provide flexibility to users. |