PDF READER CHATBOT

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Abstract— **As digital content grows, quality data management and solutions are needed. This work presents a unique application (chatbot PDF reader) designed to improve users' interaction and experience with PDF documents. Through interactive communication, the chatbot allows users to use machine learning and natural language processing (NLP) to process PDF files. Users can ask questions, get details, extract specific files, and browse PDFs through simple queries. Chatbots use cognitive and text-based technologies to provide clear and relevant responses, improve accessibility, and understand information. The PDF reader chatbot app hopes to improve accessibility and productivity for users across multiple platforms by simplifying information retrieval, understanding, and navigation. This project is designed to create a new PDF reader chatbot that uses NLP and machine learning to improve user interaction with PDFs. Information. The goal is to improve the user experience by using commands to search for files, extract them, and annotate PDFs. Our goal is to make information more accessible, to be remembered and understood faster, and to make customers more productive.**

Keywords—**Machine Learning, Natural language processing (NLP), Chatbot, Text-based technologies.**

I. INTRODUCTION

The introduction section emphasizes the widespread use of PDF files in the digital age and their importance in terms of information sharing. The article highlights the limitations of current PDF reader software, including limited interactivity and lack of smart features. Meet the solution, a powerful PDF reader chatbot website. The app uses interactive AI to easily extract files, provide quick summaries, and improve PDF navigation. The introduction shows the solution, which is the best PDF reader chatbot online application. The app uses interactive AI to easily extract files, provide quick summaries, and improve PDF navigation.

The introduction attempts to highlight the importance of Portable Document Format (PDF) in today's communication and information sharing. This article explains how PDF has become the standard for document exchange and storage due to its platform independence and integration. Although traditional PDF readers are widely used, they are not adapted to meet user needs. The traditional PDF reading method is not convenient and cannot provide a rich user experience.