CHAPTER - 1

DocSort:

Word-Wisdom

Smart Stream:

Extended Text Understanding

Security and Anomaly Detection

CHAPTER - 2

MetaMorph:

Named Entity Recognition (NER):

Data Encryption and Privacy:

Dependency Parsing:

Vulnerability Assessment

SPARKLE FEATURES SET

Automatic Document Categorization. The app could recognize invoices, notes, weblinks,and categorize them acco
Basic English language understanding capabilities in written form as well as spoken
Optical Character Recognition (OCR) to extract text from images or scanned documents. This will makes it easier to search for specific information within documents
Ø Search and Retrieval Optimization: Develop a smart search functionality using natural language processing (NLP) to enable users to search for documents using everyday language. This can enhance the user experience to find specific files faster
Ø Intelligent search suggestions and personalized recommendations
Question Answering-Given a question or query, the system must be able to extract relevant information from the text and generates an appropriate answer
Implement security features, such as anomaly detection, to identify unusual or suspicious activities within the app. This will help in preventing unauthorized access and ensuring the security of sensitive documents
Ø Behavioral Analysis: By monitoring user behavior and system interactions, App can establish a baseline of normal behavior and detect deviations that may signal security risks
Suggested Tagging and Support in Metadata
Identifying and categorizing entities mentioned in the text, such as names of people, organizations, locations, dates, etc.
System can enhance data protection by automating encryption processes; ensuring sensitive data remains secure both at rest and in transit.
Analyzing the grammatical structure of sentences to understand the relationships between words, such as subject-verb-object relationships.
System's algorithms can automatically scan systems and networks to identify vulnerabilities and potential security gaps.

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