

Smart Assistant for Research Summarization

Objective:

The objective of this project is to build an intelligent assistant that can read and comprehend structured documents like research papers or technical manuals. The assistant should generate summaries, answer contextual questions, and evaluate logical reasoning.

Functional Requirements:

1. Document Upload: Users can upload PDF or TXT documents.
2. Interaction Modes:
 - a. Ask Anything - allows free-form Q&A.
 - b. Challenge Me - generates logical questions and evaluates answers.
3. All responses must be grounded in the document content.

Bonus:

- Memory of previous interactions.
- Highlight relevant document snippets in answers.