GKB Internship Project Report

# Project Title:

Wikipedia Article Summary Generator

# Intern Name:

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# Task:

Task A

# Start Date:

8th July 2025

# Submission Date:

22nd July 2025

# Problem Statement:

Wikipedia articles often contain large volumes of information, which may be overwhelming for users who are looking for a quick understanding of a topic. The goal of this project is to build a tool that simplifies this process by summarizing a Wikipedia article into 3–5 concise points.

# Tools / Libraries Used:

- wikipedia  
- textwrap  
- pyttsx3 (optional)  
- Python 3.10+

# Solution Overview:

The solution is a Python-based command-line tool that takes a topic as input from the user, retrieves the Wikipedia content for that topic, summarizes it using the Wikipedia library, and formats the summary using textwrap. The user can optionally save the summary to a text file or hear it via text-to-speech.

# Project Structure:

📁 wikipedia-summary-generator/  
├── main.py (Main program file)  
├── summary.txt (Generated summary file)  
├── requirements.txt (List of required libraries)  
└── README.md (Project documentation)

# Key Features:

- Fetches article by topic name  
- Generates 3–5 bullet point summary  
- Displays clean formatted text  
- Optionally saves summary to .txt  
- Text-to-speech output (optional bonus)

# Future Enhancement:

- Add GUI interface using Tkinter or Streamlit  
- Support multiple language summaries  
- Add advanced summarization using NLP libraries like sumy or gensim

# Links:

GitHub Repository: https://github.com/ANUSHA-hash484/-Wikipedia-Article-Summary

Demo Video: https://github.com/ANUSHA-hash484/-Wikipedia-Article-Summary/blob/main/Screen%20Recording%202025-07-20%20215500.mp4

# Project Status:

Completed