DIGITAL PRIVACY ADVISOR

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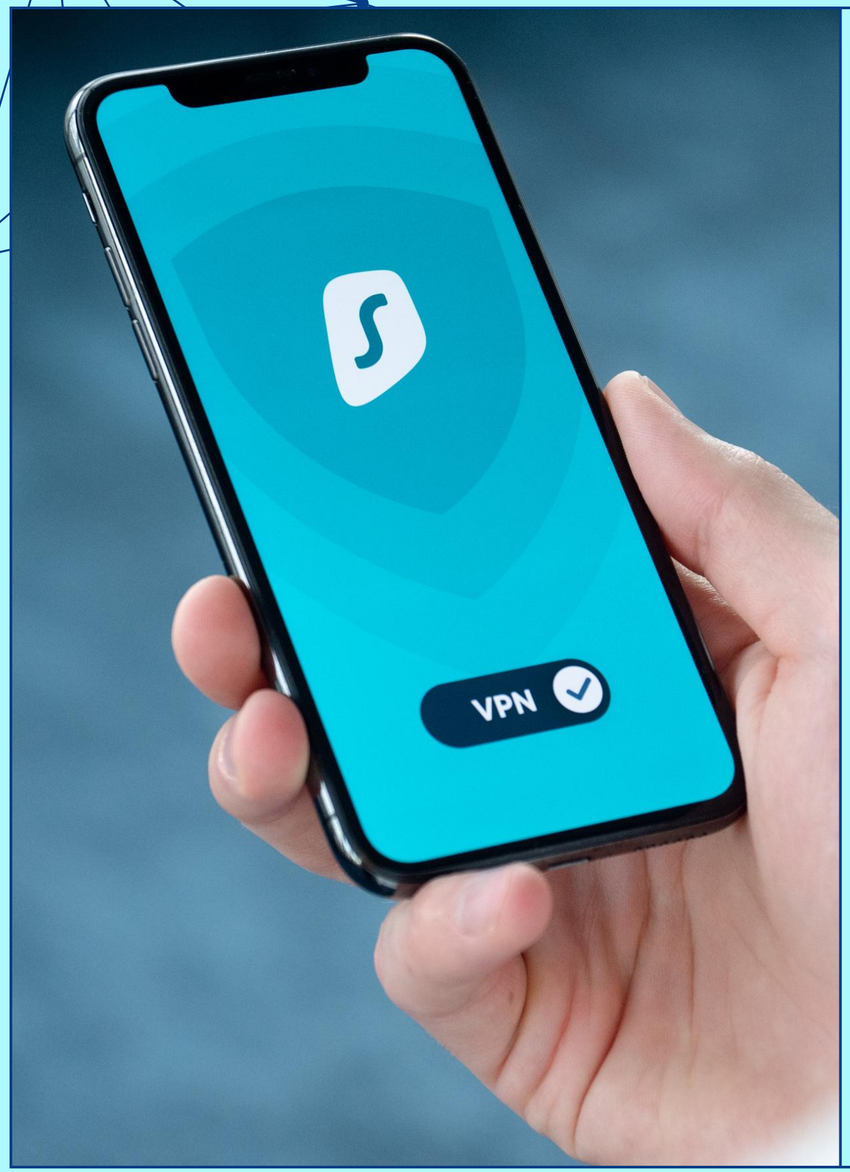
INTRODUCTION

What is Digital Privacy ?

- Digital privacy refers to safeguarding personal information shared online.
- With increased use of social media, cloud services, and online transactions, privacy risks are rising.
- Many users are unaware of how their data is collected, tracked, stored, and sold.
- This project aims to increase awareness and provide personalized privacy guidance

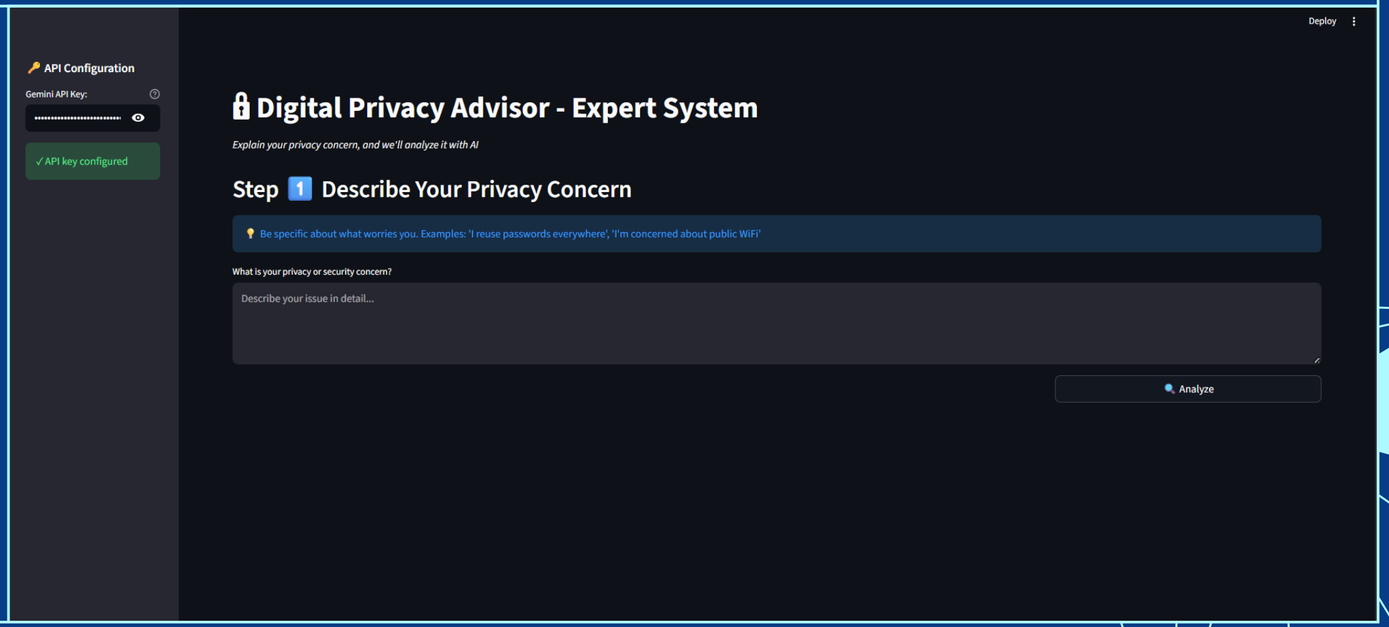


PROBLEM STATEMENT

- There is a lack of easy-to-use tools that offer personalized privacy advice.
- Therefore, a system is required to guide users on how to protect their digital identity.

SOLUTION

Digital Privacy Advisor
Expert System

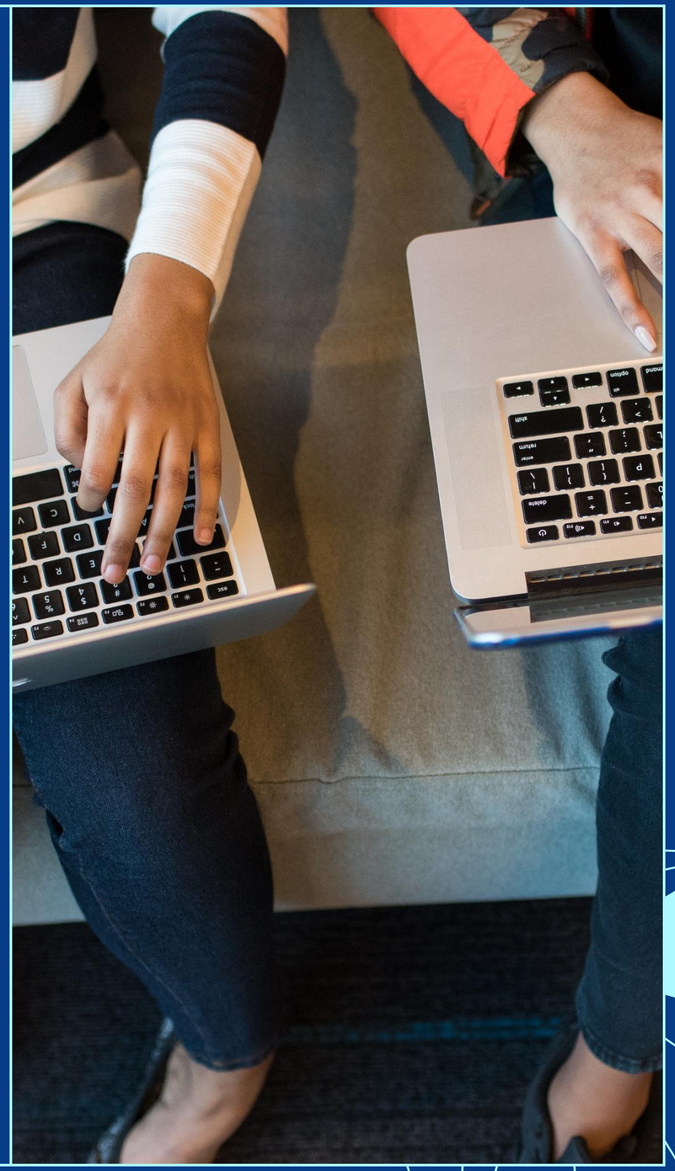


SYSTEM ARCHITECTURE

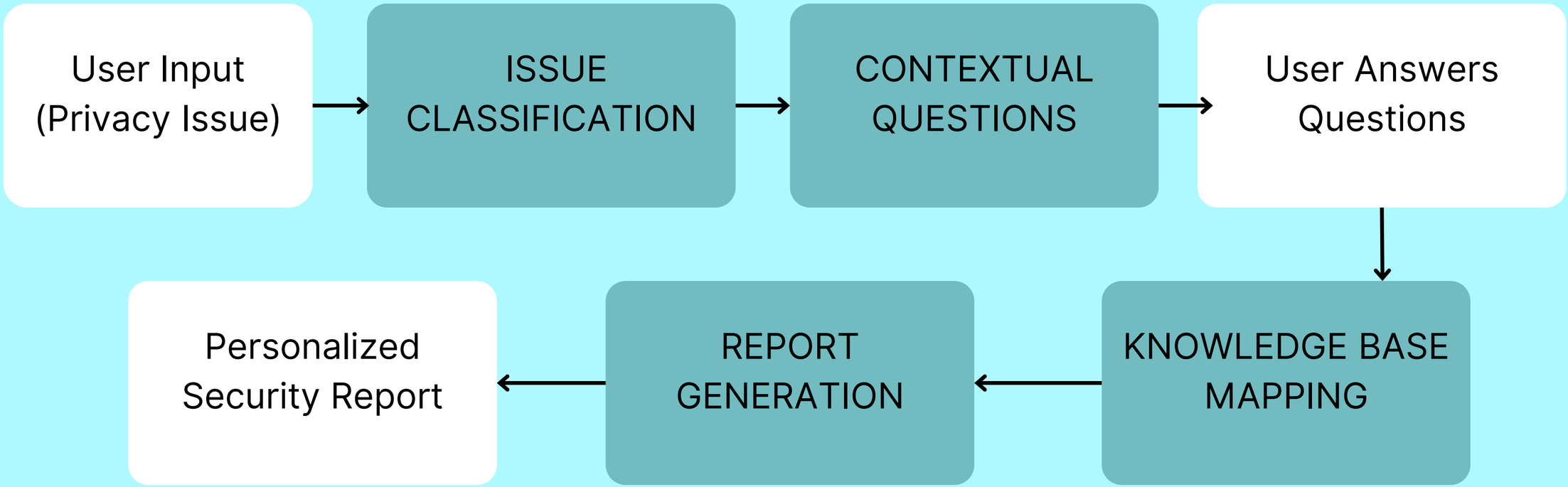
Knowledge Base - Contains privacy-specific and threat-based rules for digital security assessment.

Inference Engine - Processes user inputs and issue descriptions to identify privacy risks and generate targeted recommendations.

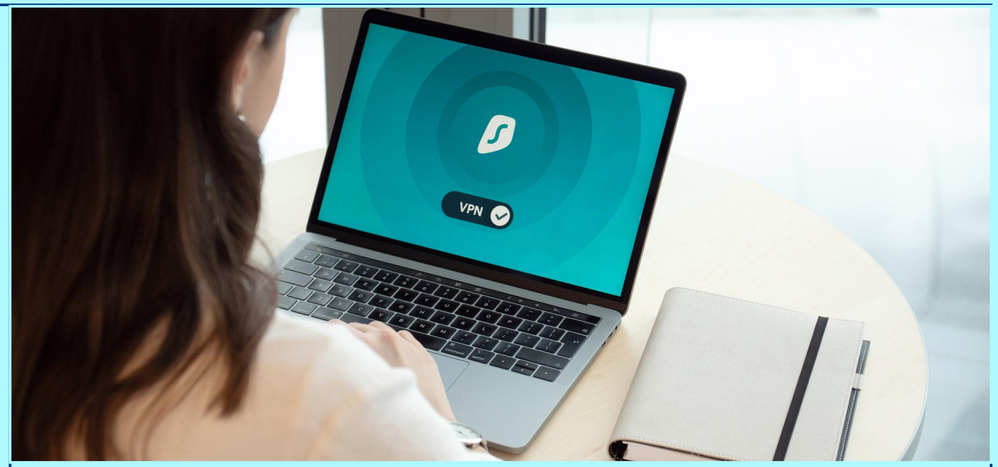
User Interface - A friendly interface for describing privacy concerns, viewing AI analysis, and receiving personalized security advice.



BLOCK DIAGRAM



USED TECHNOLOGIES



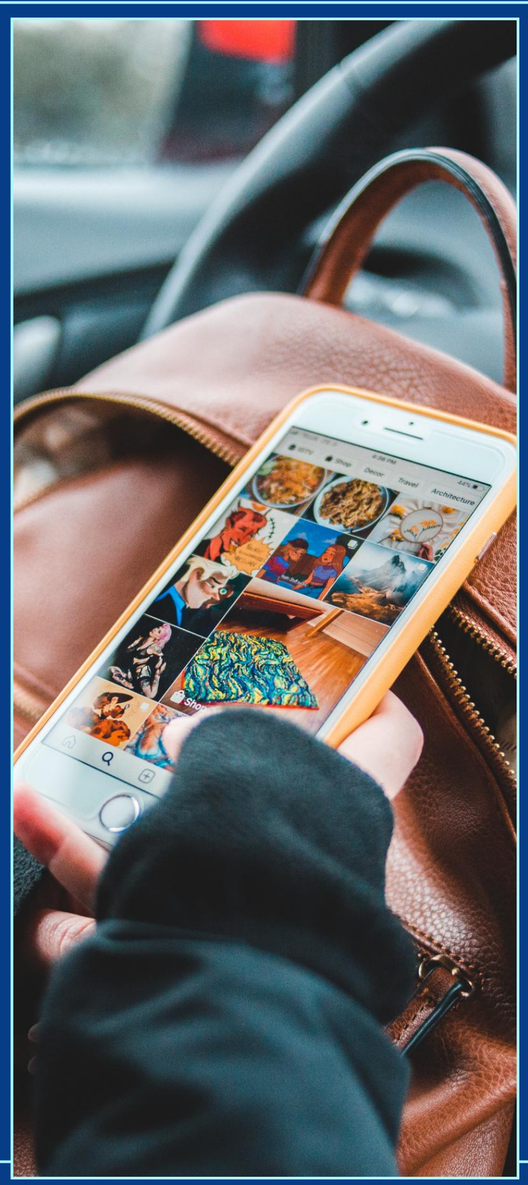
Expert System Shell - Clips/Pyclips

Streamlit for UI

Gemini API for generate explanations

Python

DPA FEATURES



Operates in a Specific Domain: Focuses specifically on *Digital Privacy, Online Security Behaviors, and Personal Data Protection*.

Proactive Questioning: Generates *smart follow-up questions* to clarify user's privacy concerns and uncover hidden issues.

Generates Actionable Solutions: Provides *clear guidance and recommended privacy practices* based on user's risk profile

Knowledge-Driven Reasoning: Uses *heuristics, best-practices, and rule-based logic*, not just theoretical models, to ensure practical and realistic advice.

DEMOSTRATION

THANKYOU

Take Charge of Your Privacy Today