

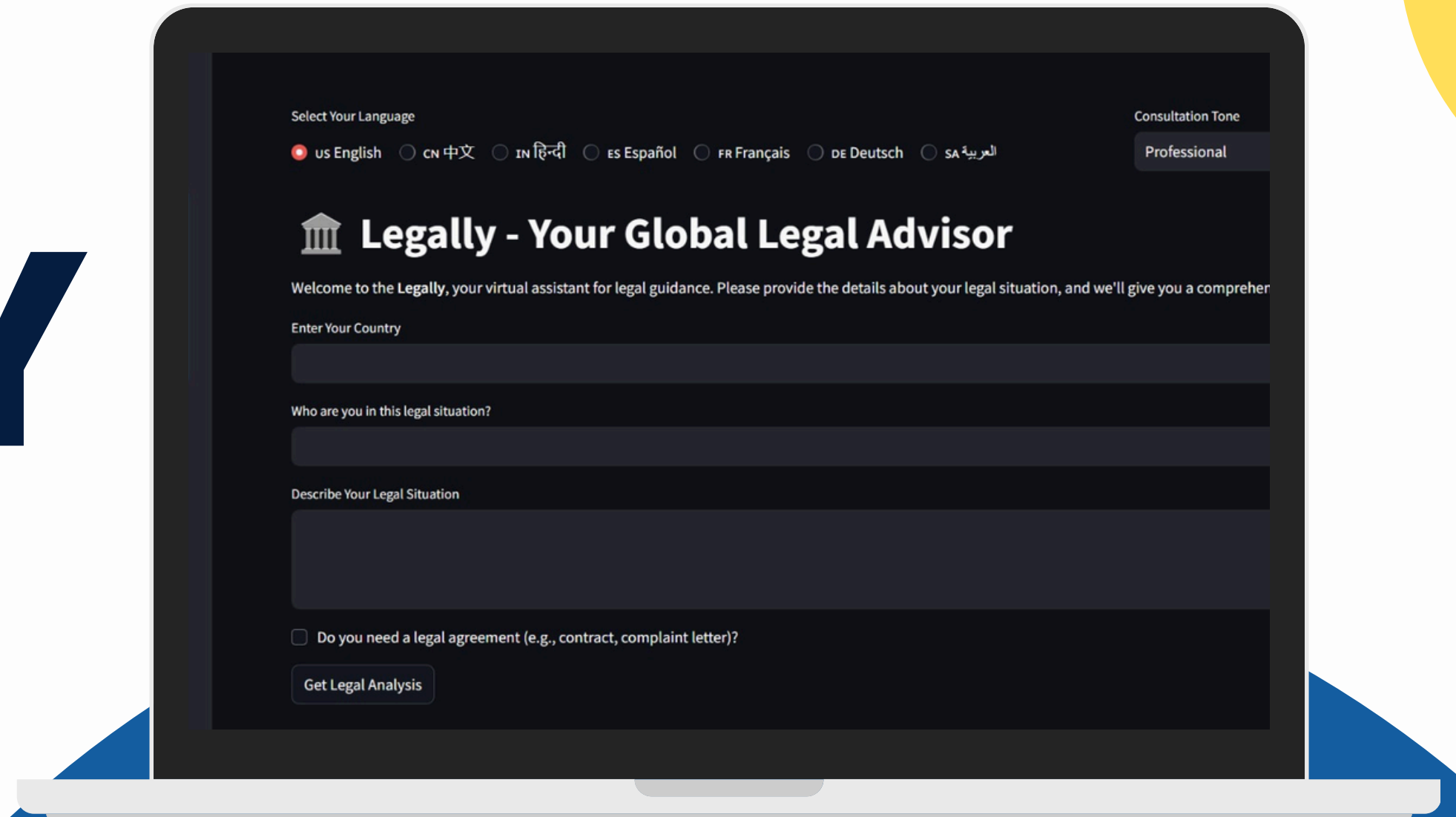
<https://legallyuk.streamlit.app/>

# LEGALLY

By: Team 11



Scan to Access



# PROBLEM STATEMENT

Everyday legal issues, like disputes and contract creation, are complex, costly, and difficult to navigate without accessible solutions

## Problem 01

**Everyday legal issues**, such as disputes with landlords, workplace conflicts, or consumer rights, are complicated and **difficult to navigate** due to the inaccessibility of affordable, clear, and user-friendly legal resources.

## Problem 02

**Writing simple legal documents**, like agreements, complaint letters, or consent forms, is a **costly hassle**, as hiring legal professionals for these tasks can be expensive, leaving many people unable to create these documents on their own.





# OUR SOLUTION

## Instant Legal Advice

Our website provides users with **easy-to-understand legal guidance** based on the specific situation they face. Whether it's a contract dispute, understanding tenant rights, or determining your legal obligations, we give you answers quickly and reliably based on your region and language

## Custom Document Generation

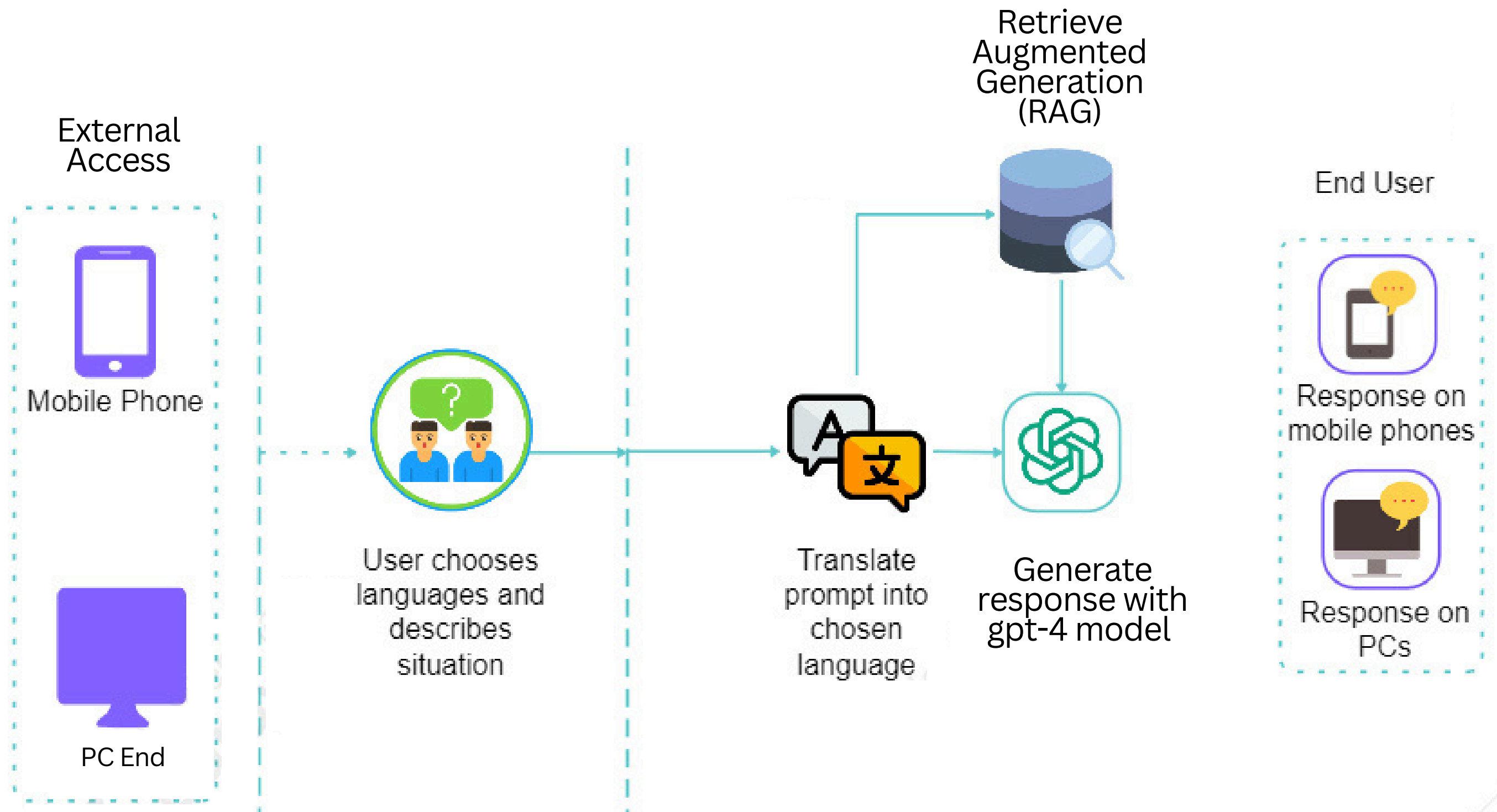
Our platform uses AI to **simplify the creation of personalized legal documents**. By understanding users' situation, users can instantly generate templates for contracts, agreements, and letters. This streamlined process ensures the documents are legally compliant, saving both time and money compared to traditional legal services.



# BUILT



# ARCHITECTURE



# Risk Assessment & Security



## Differential Privacy

Ensure that outputs from the system **do not reveal individual user data**.



## Security Practices

Use **Bandit** to scan the code for security flaws. Check for known vulnerabilities in third-party libraries and frameworks.



## Environment Files

**Store sensitive data like API keys in .env** and Streamlit Secrets. Ensure .env and other sensitive files are added to .gitignore.



# Use of Bandit

```
● PS C:\Users\User\Music\ai-lawyer> bandit -r .  
[main] INFO      profile include tests: None  
[main] INFO      profile exclude tests: None  
[main] INFO      cli include tests: None  
[main] INFO      cli exclude tests: None  
[main] INFO      running on Python 3.10.8  
Run started:2025-01-25 23:23:19.739802
```

## Code scanned:

```
Total lines of code: 378518  
Total lines skipped (#nosec): 3
```

```
Run metrics:  
  Total issues (by severity):  
    Undefined: 0  
    Low: 0  
    Medium: 0  
  
Run metrics:  
  Total issues (by severity):  
    Undefined: 0  
    Low: 0  
    Medium: 0  
  
Run metrics:  
  Total issues (by severity):  
    Undefined: 0  
    Low: 0  
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  Total issues (by severity):  
    Undefined: 0  
    Low: 0  
    Medium: 0  
    Undefined: 0  
    Low: 0  
    Medium: 0  
    Low: 0  
    Medium: 0  
    Medium: 0  
    High: 0  
  Total issues (by confidence):  
    Undefined: 0  
    Low: 0  
    Medium: 0  
    High: 0
```

# Future Plan

## Phase

01

### Initial development and proof of concept

Develop a prototype focusing on a single key feature, such as legal document analysis. Gather and preprocess data, ensure basic security measures, and design a user-friendly interface. Document the system architecture and identified risks.

02

### Expansion and refinement

Enhance the system with additional features like risk scoring, while improving security and explainability. Test for biases, perform stress tests, and gather feedback from legal professionals.

03

### Real-world testing and iteration

Pilot the system in collaboration with legal firms, gather user feedback, and address identified weaknesses. Refine models and scale system performance while developing a marketing strategy to showcase its value.

04

### Long term development and scaling

Ensure regulatory compliance, optimize the system for scalability, and establish partnerships with stakeholders. Launch commercialization efforts with a robust marketing plan and implement real-time monitoring for ongoing improvements.