

# Team Members

- Bankole Babafemi Usman – AI Developer
- Adeoye Mary Funmilayo – AI Engineer
- Okemakinde Sherif S. – AI Engineer
- Esther M. Egharevba – AI Developer



Login

Signup

# Nigerian Tax Reform Bills 2024 Q&A Assistant

**Hello There 😊!**

What do you want to know about the new Nigeria tax policy?

Ask me anything about tax in Nigeria...

 Send

# What is Intelligent Nigerian Tax Assistant?

It is an AI-powered platform for understanding Nigerian tax policies, It is a conversational AI web application designed to simplify Nigerian tax laws and reforms for everyday citizens, professionals, and policymakers.

## Problem Statement

- ▶ Major Nigerian tax reforms begin **January 2026**
- ▶ Public panic driven by misinformation
- ▶ Tax bills are long, complex, and inaccessible
- ▶ Citizens lack trusted explanations

Although new tax bills have been passed, most Nigerians rely on rumors and social media instead of verified information, leading to fear and confusion.

## Real-Life Impact

- ▶ Small business owners fear higher taxes
- ▶ Professionals can't interpret dense tax documents
- ▶ Government officials receive conflicting advice

## Notes:

These challenges affect everyone from market women and developers to state governments—highlighting the need for a clear, trusted solution.

# Impact & Benefits

- ▶ Reduces tax misinformation
- ▶ Improves public understanding
- ▶ Empowers citizens and policymakers
- ▶ Promotes transparency and trust

**Notes:**

Tax Bills Assistant bridges the gap between legislation and the people affected by it.

# Our Solution

- ▶ Ask tax questions in **plain English, igbo and Yoruba**: allows users to ask tax-related questions using **simple everyday language**, without technical or legal jargon. Users can also interact in **local Nigerian languages such as Yoruba and Igbo**, making tax information accessible to a wider audience, including small business owners and non-technical users. This removes language barriers and ensures inclusivity, especially for users who are more comfortable expressing themselves in their native language.
- ▶ Get instant, AI-generated explanations: The platform uses Artificial Intelligence to generate **real-time responses** to user questions. Instead of waiting for consultations or reading long documents, users receive **immediate, clear, and contextual explanations**. The AI breaks down complex tax concepts into **easy-to-understand summaries**, helping users make informed decisions quickly.
- ▶ No need to read legal documents: Nigerian tax laws are often presented in **lengthy, technical legal documents** that are difficult for the average person to understand. TaxQA NG eliminates this challenge by **interpreting these documents on behalf of the user**. Users no longer need to read or analyze hundreds of pages of legislation—the AI delivers only the **relevant information** in a simplified form.
- ▶ Built specifically for **Nigerian tax laws**: Unlike general AI tools, TaxQA ASSISTANT is **custom-built for Nigerian tax policies**. It focuses on local tax structures such as:
  - Personal Income Tax
  - VAT
  - Company Income Tax
  - State and Federal tax policies

This specialization ensures that responses are **accurate, relevant, and context-aware**, reflecting Nigeria's legal and economic environment.

- ▶ **Notes:**  
TaxQA ASSISTANT provides a ChatGPT-style experience focused solely on Nigerian tax policy, making complex information easy to understand.

● ASK TAX QUESTIONS IN **PLAIN ENGLISH IGBO, YORUBA**: ALLOWS USERS TO ASK TAX-RELATED QUESTIONS USING **SIMPLE EVERYDAY LANGUAGE**, WITHOUT TECHNICAL OR LEGAL JARGON. USERS CAN ALSO INTERACT IN **LOCAL NIGERIAN LANGUAGES SUCH AS YORUBA AND IGBO**, MAKING TAX INFORMATION ACCESSIBLE TO A WIDER AUDIENCE, INCLUDING SMALL BUSINESS OWNERS AND NON-TECHNICAL USERS. THIS REMOVES LANGUAGE BARRIERS AND ENSURES INCLUSIVITY, ESPECIALLY FOR USERS WHO ARE MORE COMFORTABLE EXPRESSING THEMSELVES IN THEIR NATIVE LANGUAGE.

●

● NO NEED TO READ LEGAL DOCUMENTS: NIGERIAN TAX LAWS ARE OFTEN PRESENTED IN **LENGTHY, TECHNICAL LEGAL DOCUMENTS** THAT ARE DIFFICULT FOR THE AVERAGE PERSON TO UNDERSTAND. TAXQA NG ELIMINATES THIS CHALLENGE BY **INTERPRETING THESE DOCUMENTS ON BEHALF OF THE USER**. USERS NO LONGER NEED TO READ OR ANALYZE HUNDREDS OF PAGES OF LEGISLATION—THE AI DELIVERS ONLY THE **RELEVANT INFORMATION** IN A SIMPLIFIED **FORM**.

● BUILT SPECIFICALLY FOR **NIGERIAN TAX LAWS**: UNLIKE GENERAL AI TOOLS, TAX BILLS ASSISTANT IS **CUSTOM-BUILT FOR NIGERIAN TAX POLICIES**. IT FOCUSES ON LOCAL TAX STRUCTURES SUCH AS:

PERSONAL INCOME TAX

VAT

COMPANY INCOME TAX

STATE AND FEDERAL TAX POLICIES

THIS SPECIALIZATION ENSURES THAT RESPONSES ARE **ACCURATE, RELEVANT, AND CONTEXT-AWARE**, REFLECTING NIGERIA'S LEGAL AND ECONOMIC ENVIRONMENT.

# Core Features And Authentication & Security

- ▶ AI-powered real-time responses
- ▶ Editable and regenerable questions
- ▶ We have a database that serves as memory server that store all informations
- ▶ Response time visibility
- ▶ **Notes:**  
The platform focuses on usability, transparency, and interaction, giving users control over their conversations.
- ▶ **Authentication & Security**
- ▶ Secure signup and login
- ▶ JWT-based authentication
- ▶ Protected routes
- ▶ Token persistence via localStorage
- ▶ **Notes:**  
User authentication ensures personalized and secure access while maintaining modern web security standards.

# Tools

- ▶ **Frontend:** React (Functional Components)
- ▶ **Styling:** Tailwind CSS
- ▶ **Icons:** lucide-react
- ▶ **Authentication:** JWT
- ▶ **Backend:** FastAPI

## Notes:

The stack was chosen for scalability, performance, and ease of integration with AI services.



# Conclusion

**Tax Bills Assistant makes Nigerian tax knowledge simple, accessible, and reliable.**

**Notes:**

This project demonstrates how AI and thoughtful frontend design can solve real national challenges.