Team name : Quantum – Core

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Problem statement : AI-Powered Tool for Combating Misinformation

Brief about the prototype

Overview

AI tool to detect & counter misinformation in real time. Human-centric design design for clarity, trust.

Problem Statement

In the age of viral content and algorithmic amplification, misinformation spreads faster than truth-distorting public perception, eroding trust, and destabilizing informed discourse.

Solution

Advanced LLMs and multimodal inputs analyze claims and score credibility. Features include guided fact-checking with empathy, voice-reactive animations, and real-time feedback for transparent reasoning.

Input   Real-time   Decision

Opportunity should be able to explain the following

How to different is it from any of the other existing solution

- Other information detection tool is not available on Play Store.
- Other websites are complex for use most of websites are not able to detect real time.
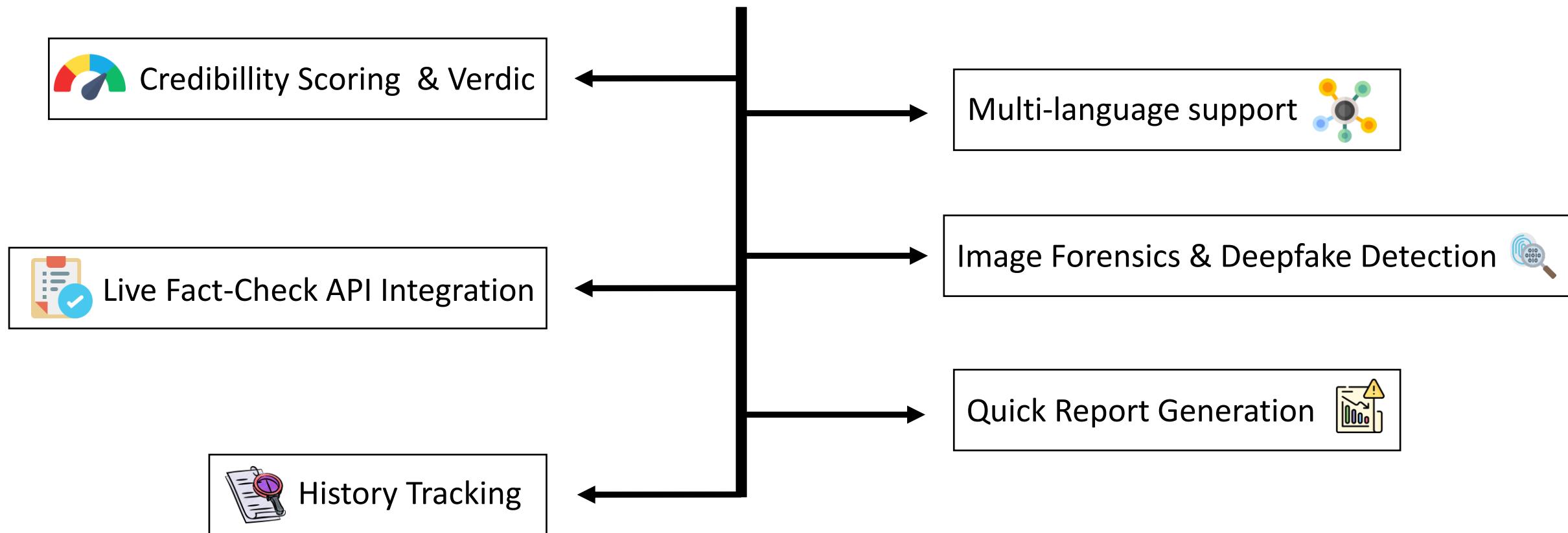
How will be able to solve the problem

- real-time detection with multimodal input.
- cross-referencing with trusted sources.
- visual credibility dashboard.
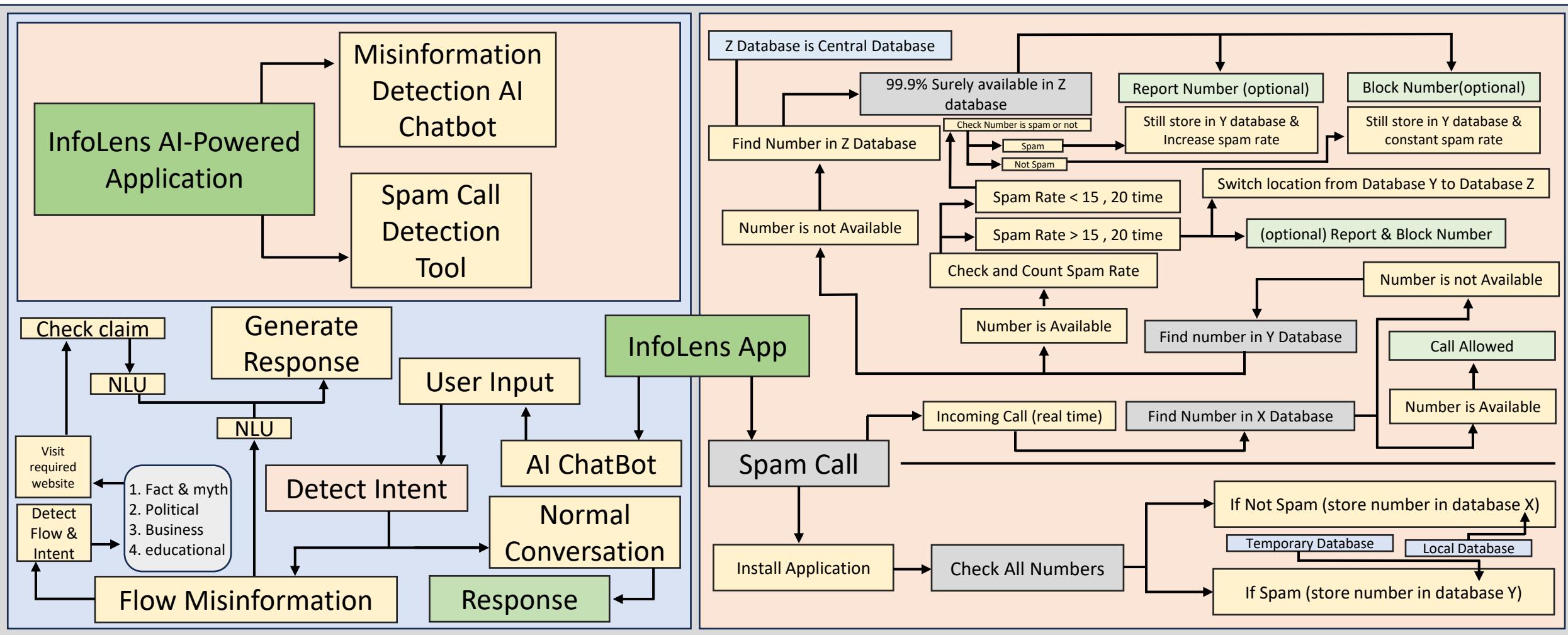
USP of the proposed solution

- multimodal input analysis.
- real-rime ai + human grounding
- explainable ai layer
- Trust-centric branding
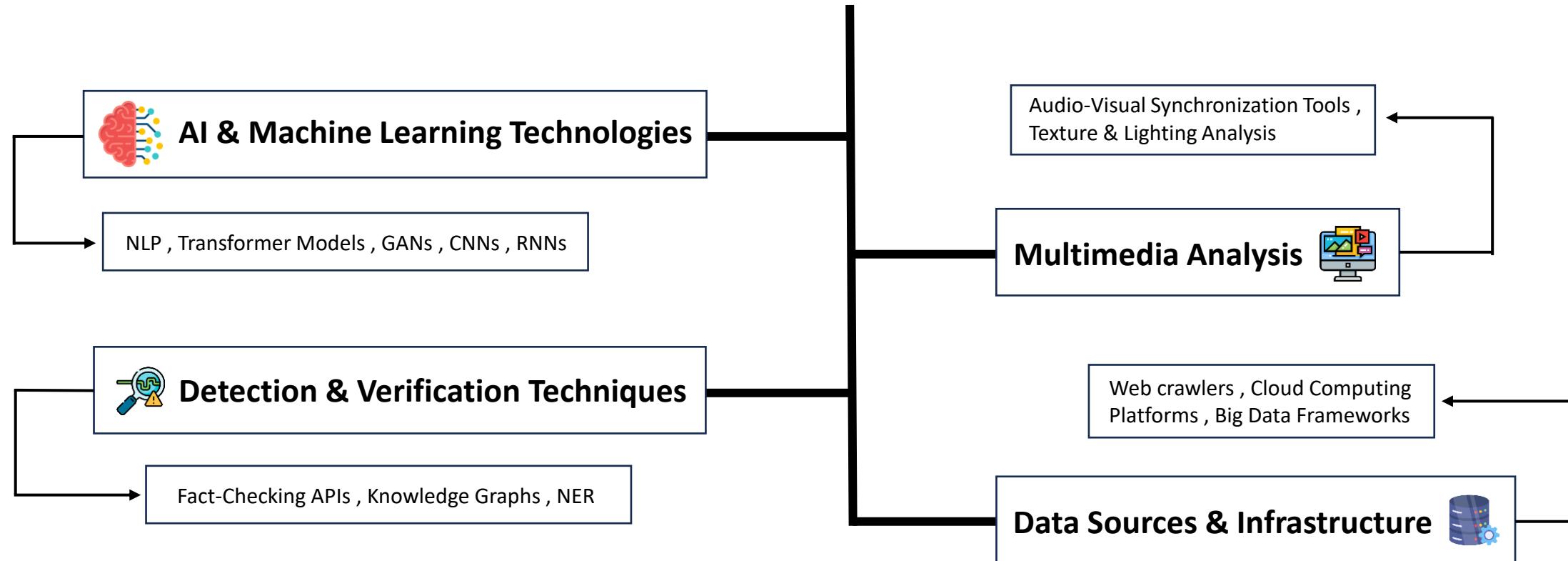
List of features offered by InfoLens

Credibillity Scoring & Verdic

Multi-language support

Live Fact-Check API Integration

Image Forensics & Deepfake Detection

Quick Report Generation

History Tracking

Process flow diagram

InfoLens AI-Powered Application
- Misinformation Detection AI Chatbot
- Spam Call Detection Tool

Check claim → NLU → Generate Response
Visit required website
NLU
Detect Flow & Intent
1. Fact & myth
2. Political
3. Business
4. educational
User Input
Detect Intent
AI ChatBot
Normal Conversation
Flow Misinformation → Response

InfoLens App

Z Database is Central Database
Find Number in Z Database → 99.9% Surely available in Z database
Check Number is spam or not
- Spam
- Not Spam
Report Number (optional) → Still store in Y database & Increase spam rate
Block Number(optional) → Still store in Y database & constant spam rate
Switch location from Database Y to Database Z
Number is not Available
Spam Rate < 15 , 20 time
Spam Rate > 15 , 20 time → (optional) Report & Block Number
Check and Count Spam Rate
Number is Available
Find number in Y Database
Number is not Available
Call Allowed
Number is Available
Incoming Call (real time)
Find Number in X Database
Spam Call
Install Application → Check All Numbers
If Not Spam (store number in database X)
Temporary Database
Local Database
If Spam (store number in database Y)

Technologies to be used in the solution

AI & Machine Learning Technologies

NLP , Transformer Models , GANs , CNNs , RNNs

Detection & Verification Techniques

Fact-Checking APIs , Knowledge Graphs , NER

Audio-Visual Synchronization Tools , Texture & Lighting Analysis

Multimedia Analysis

Web crawlers , Cloud Computing Platforms , Big Data Frameworks

Data Sources & Infrastructure