



PROBLEM STATEMENT

- Online extremism undermines elections and democratic systems, by polarising societies and inciting violent insurrection.
- How can we leverage technology advancement for the development of promising innovative solutions to help expose, understand, or counter disinformation, propaganda, and violent extremism within Coastal West Africa?



OUR SOLUTION/RELEVANCE



Detection Tool

Deploying hybrid online media processor for fact checking in real time.



Lexicon for Monitoring/Analysis

Countering online radicalization through toxic comment scoring engine.



Digi-Reporting

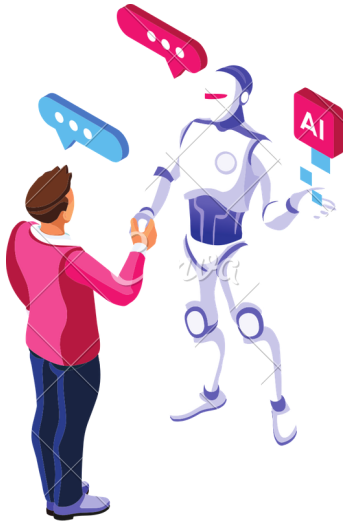
Social listening through our ai-Report feature.



Actors Watchlist

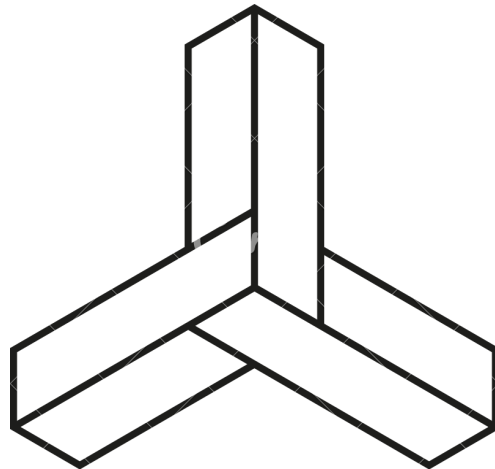
Fake news influences the way people make decisions

INNOVATION



Generative AI

The secret sauce to Gen AI are binary classification, Naive Bayes and TF-IDF algorithm



ML/LLM/NLP

Using Langchain, an Open source LLM training framework

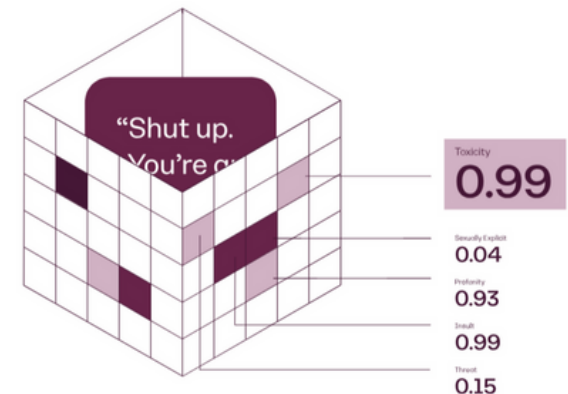


Digital Fingerprint

Hash value technology that prevents resharing

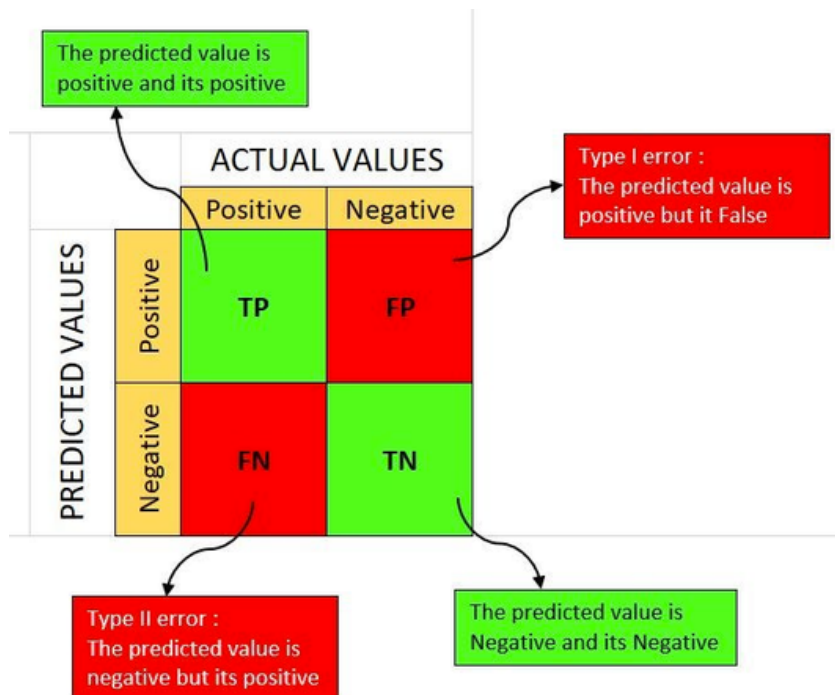


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<input type="radio"/> Severe Toxicity	<input type="radio"/> Likely to Reject
<input checked="" type="radio"/> Threat	<input checked="" type="radio"/> Sexually Explicit
<input checked="" type="radio"/> Insult	<input checked="" type="radio"/> Identity Attack

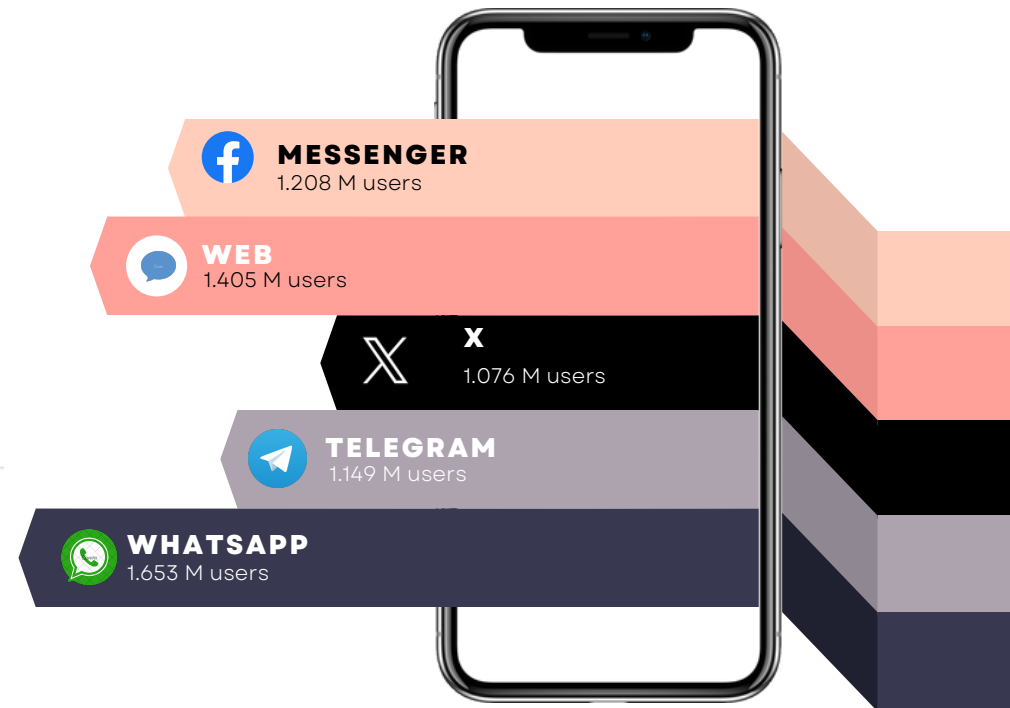


END USER/INTEGRATION

- Adopted the six principles of responsible AI (RAI)
- Minimum technological requirements for proper use of ChatVE

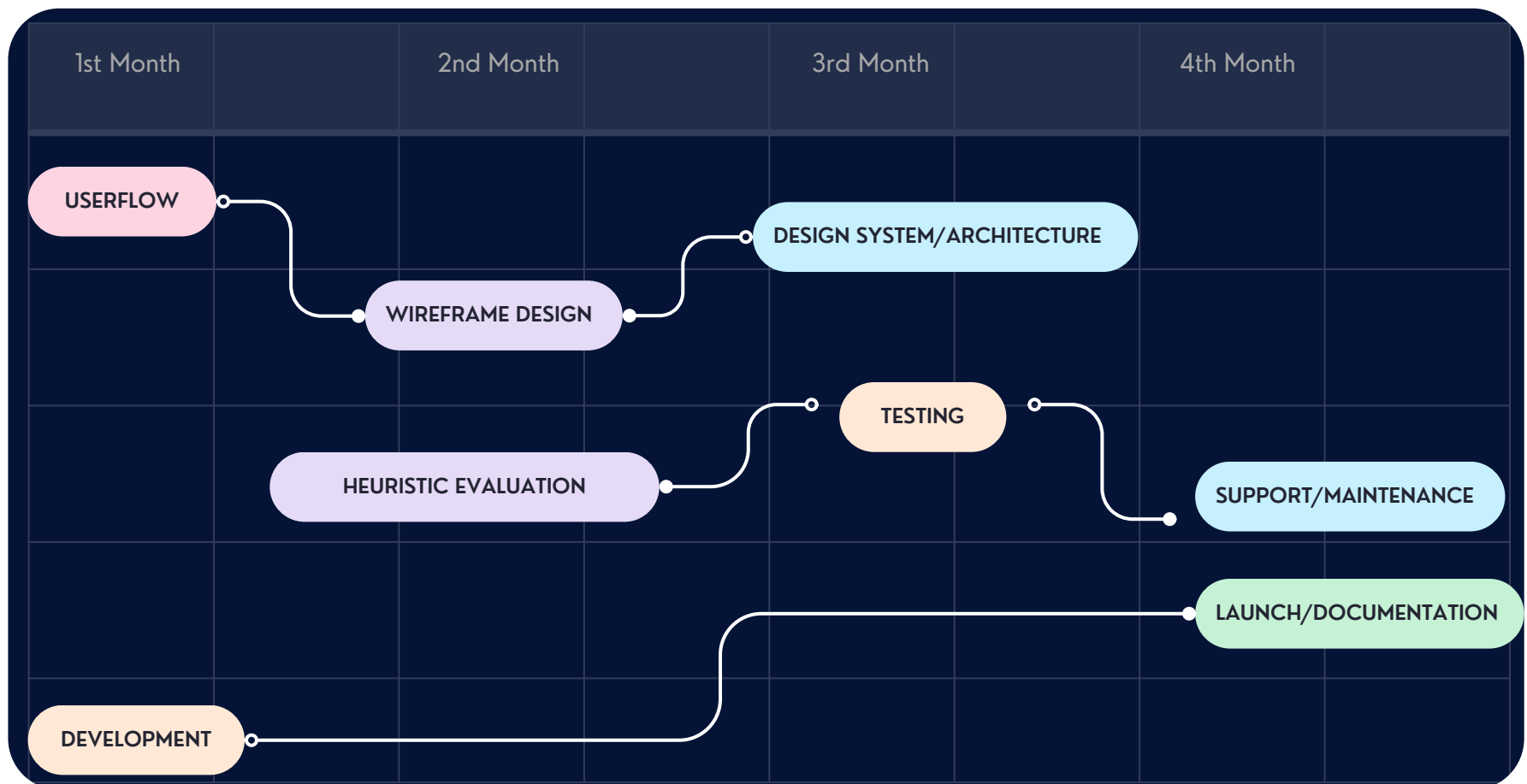


SUPPORTED END USERS



MARKET READINESS

- ChatVE is built upon open source technology using latest tech stacks which makes it readily available for deployment to interface with users
- Our tool is built on cloud infrastructures and makes it available live for user testing



TRACK RECORD



e-Procure



Covid-19 Vaccination Data API



ProcureBot



Covid-19 Donations Monitor



MedBot|Family Doctor



Search...

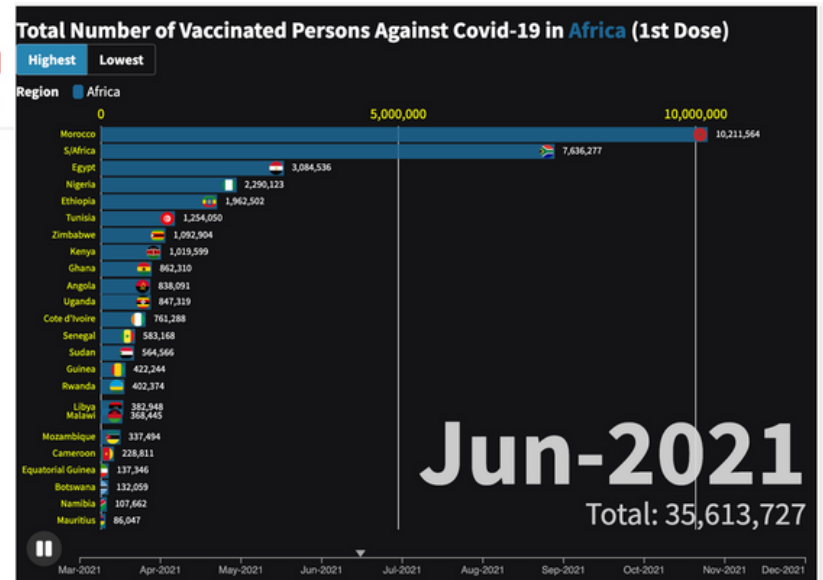


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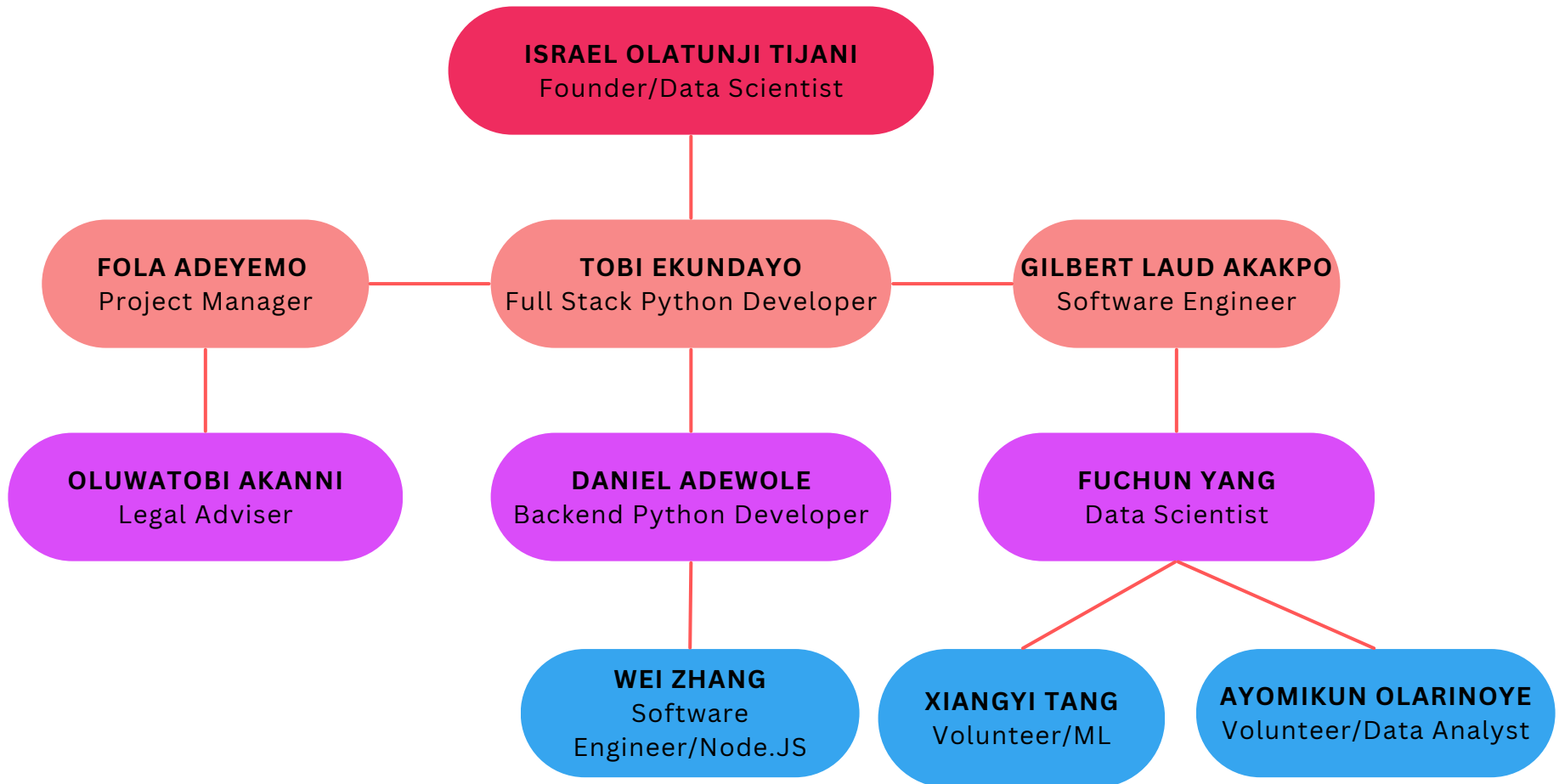


E-Procure Emerges ICPC/NITDA's IFFs Hackathon Winner

September 6, 2022 News News Release



TEAM



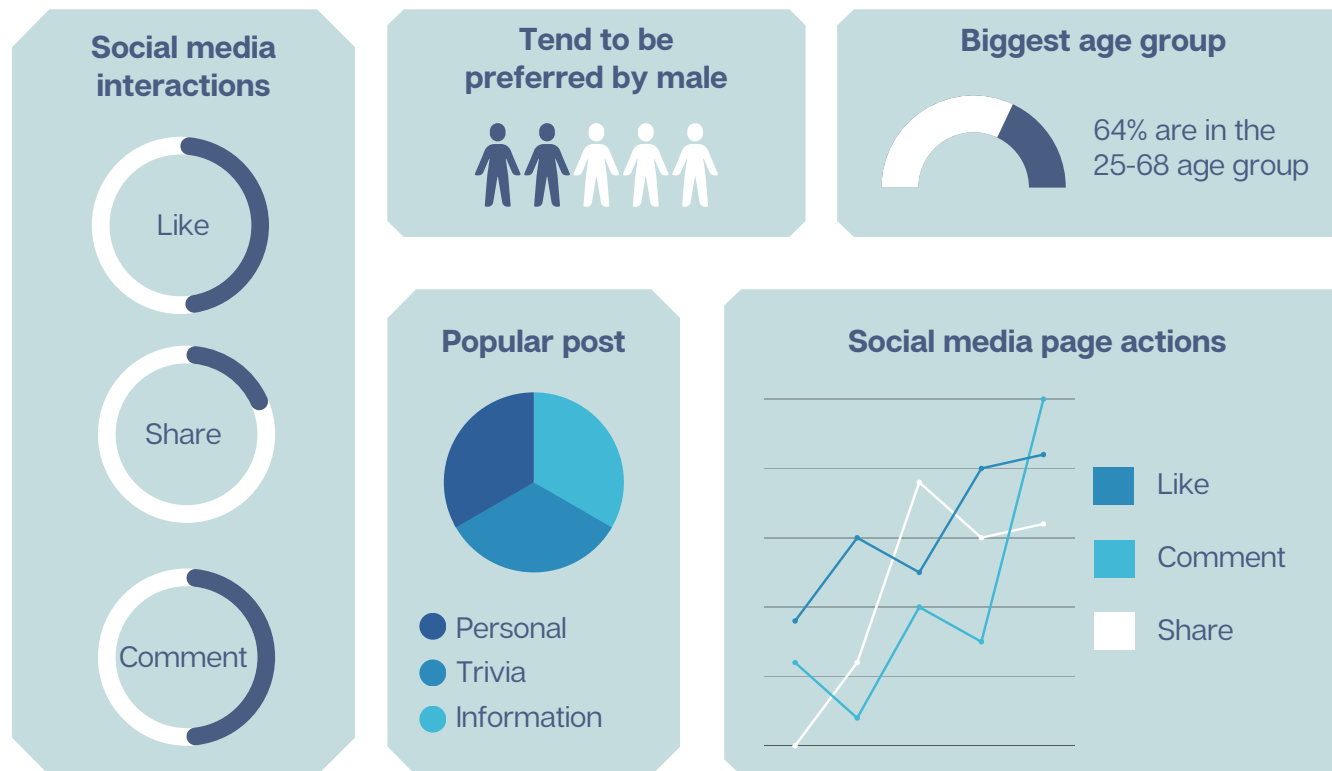
SUSTAINABILITY MODEL - B2B and B2G

- Chatbot-as-a-Service: Automate repetitive and mundane client facing tasks.



SUSTAINABILITY MODEL

- Sentiment Analysis: Analyse large volumes of data from emails, customer support chat transcripts, social media comments etc to better understand customers' needs



SUSTAINABILITY MODEL

- Potential Clients



e-Shuri - LMS in Rwanda



Lagos State Government in Nigeria



Hotel Intelligence in Morocco



International Centre for Journalists



Expand Africa in Morocco



Code for Africa, CfA



THANK
you