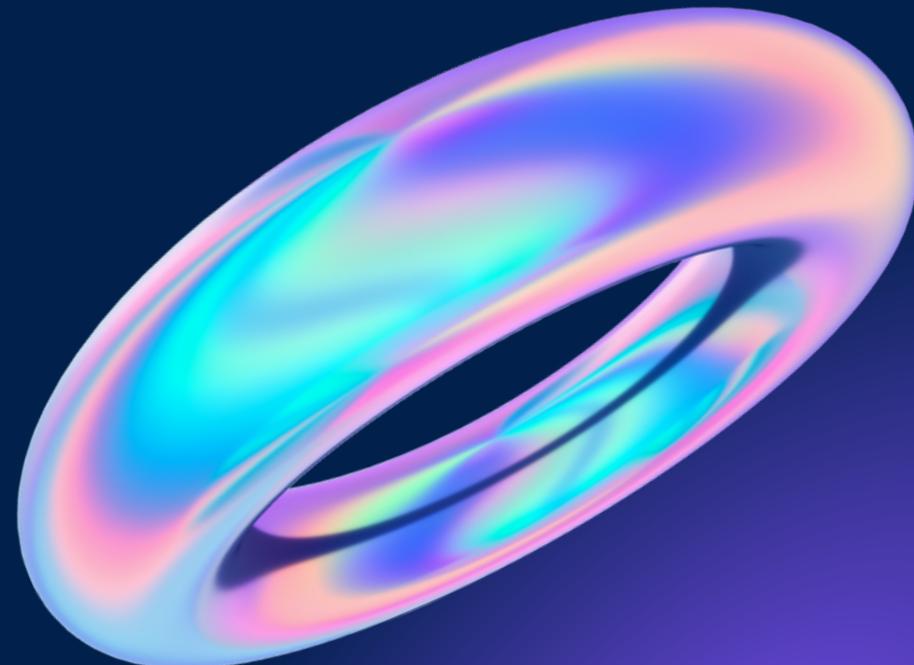


Equal Access to Education & Opportunities

Team Seven

Team ID – PSG0142

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Problem Statement

- Equal Education and Opportunities ensures that all individuals have the same chances to succeed in their chosen career paths.
- This means **eliminating discrimination in hiring, promoting diversity** and inclusion in the workplace, and providing equal pay for equal work.
- Achieving **equal education and opportunities is essential** for building a fair and just society, promoting economic growth, and advancing human rights.

Abstract

- The pursuit of equal education and opportunities extends beyond individual rights and aspirations.
- A society that **prioritizes equal education and opportunities** cultivates innovation, creativity, and economic prosperity.
- By recognizing the inherent value and worth of every individual, **regardless of their background, society** paves the way for a future that is fair and just.
- In conclusion, achieving equal education and opportunities for all is a fundamental objective that **requires ongoing commitment and collective action**.
- It entails addressing systemic barriers, promoting diversity and inclusion, and ensuring equitable access to resources.

Detailed Solution

We would develop an API that acts as a local language translation and the API can be easily used by other developers to make their content available in regional languages.

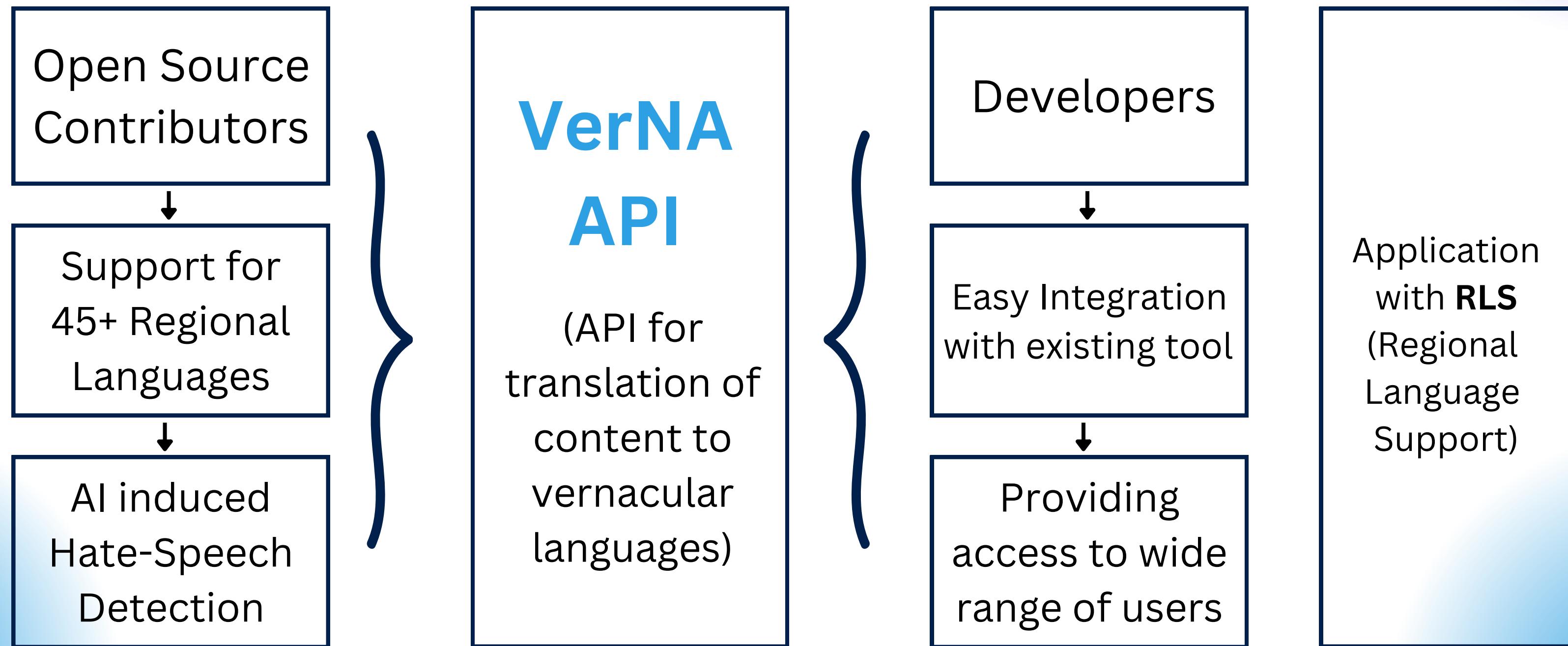
COURSE ACCESSIBILITY:

- The course materials are translated into the regional language using our API
- The study materials can be accessed and can be viewed according to the user's language of comfort and can attend the proctored test after completion

PROCTORED TEST:

- The proctored test will also be in their chosen regional language
- After the completion of the proctored test the grades will be provided which can be viewed by the companies to choose the candidates.

Roadmap



Tech Stack

Main Backend: Python

Web Framework: Flask

NLP Libraries: NLTK, StanfordNLP

Machine Translation Libraries: DeepL API

API Dev & Documentation: Flask-RESTful

Authentication: OAuth

Cloud Platform: AWS Lambda

Proposed Solution VS Current Solution

Proposed Solution

The user can access their learning materials in 45+ regional language at their own comfort

Proctored test will be available in the regional language as well as their chosen language

Current Solution

Language translation provided is not accurate and only few applications have translation with limited global languages

Proctored test will be available only in English

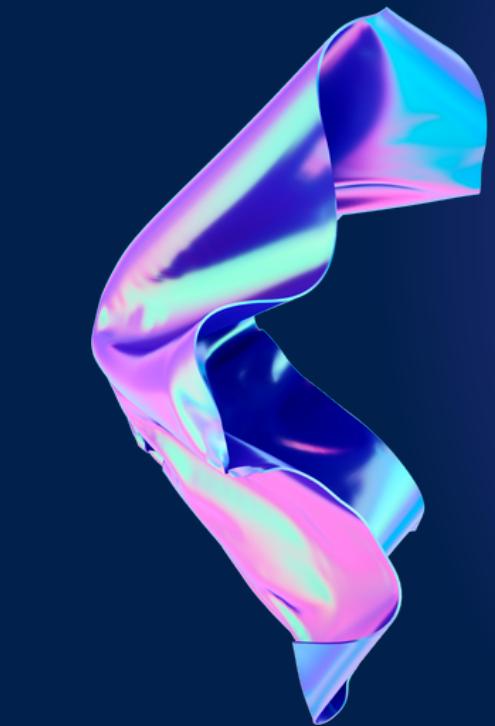
Market Overview



64%
Market Growth Rate



\$20 Billion
Market Size



27.5%
Growth for 2025

How will this solution bring the change?

- The proposed solution will focus on children from rural areas, who **aren't well-versed** in English.
- **Children or people of any age can access the platform** to understand and learn the contents from their regional language or any language of their comfort.
- Based on the **knowledge obtained and excelled through the proctored test**, the candidate will be viewed by companies so that they can recruit the skilled candidate.

Future Enhancements

- Keeping in mind about the doubts that will arise in the student's minds, we also would like to implement **community-based learning** where the students who choose the same course, with the same language can form a club where they could study together and solve doubts.
- In this feature, the students can only connect through chat to **ensure privacy and security**.
- Privacy will be ensured by closing the chat if there is a list of numbers that seem like phone numbers or texts with underscores and inappropriate language that can be found and replaced with the a common symbol using our **AI Algorithm**



Thank You