

"To communicate knowledge and know-how, poetic expression is the most musical form that impresses the soul as well as the ear and thus facilitates retention."

**Gratien AHOUANMENOU** dit : 'Le petit poète'

## Project objective

# Let's talk about "ADJROU".

Create an application to publish, read and visualize fables (or more elaborate literature) in a multitude of languages (both local and international).

**What is the main aim of "Adjrou"?**

The aim is to promote linguistic and cultural diversity while making local literature accessible to all!

# Used resources

# Use of 'Technologies Support Materials

1

## AI technologies

Integration of image generation and the use of language models to visually enrich narratives and offer seamless translations between languages

3

## Speech recognition models

We plan to use these templates to enable the submission of oral fables, making the platform more inclusive and accessible.

2

## Translation templates

The translation templates facilitate conversion between Yoruba, Fon, English and French, making the fables accessible to a wider and more varied audience.

But, conversely, we also enable a more Oral audience to publish content by reciting them! the young city-dweller in Cotonou will be able to discover the existential wisdom of Benin's different cultures!

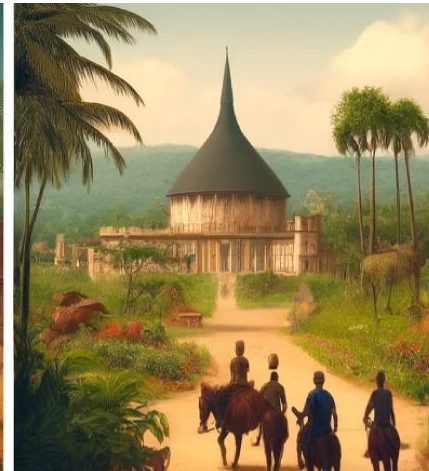
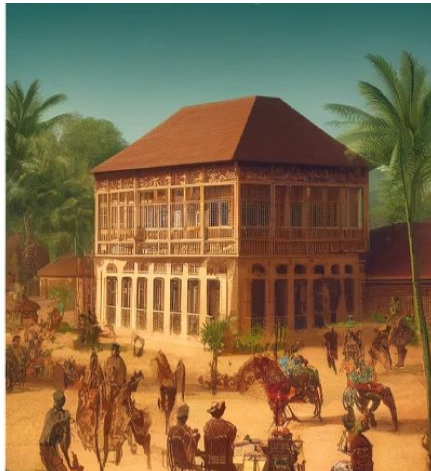
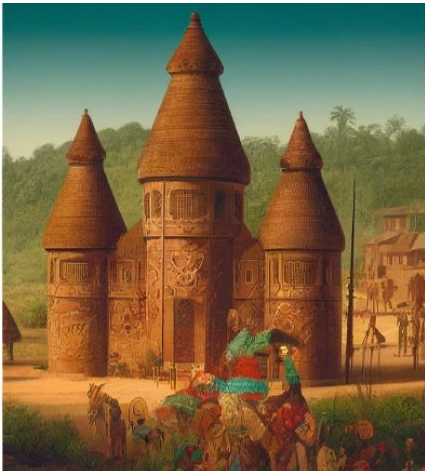
The decision-maker can easily reach his entire population without language barriers!

# Challenges taken up

# Create images from text and audio in local languages

Captivating cover images are generated for each fable, based on its content, enhancing the user experience and cultural representation.

**Cultural preservation:** preserving local languages through fables contributes to cultural sustainability, particularly in the tourism sector, but also in agriculture, health care, public administration, etc.



## A DISTURBING QUESTION:

"How does all this help agriculture, for example?"





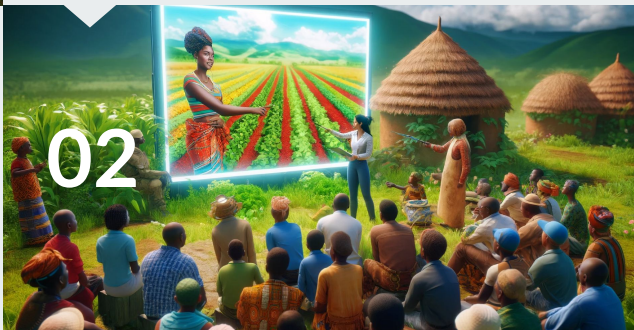
01

## Education and Awareness

Adjrou can include fables that are specifically designed to teach agricultural concepts, such as crop rotation, water conservation methods, or the use of natural fertilizers.

## Visual Training

Thanks to image generation functionality, the platform can create visuals that illustrate farming techniques or difficult-to-understand concepts, making learning more intuitive and less dependent on textual literacy.



02



03

## Promoting sustainable agriculture

By highlighting traditional farming practices through storytelling, Adjrou can help preserve and promote sustainable farming methods that are often overlooked or forgotten in agricultural modernization.



## Environmental awareness

Fables can also be used to raise awareness of the importance of preserving the environment and local ecosystems, which are essential for sustainable agriculture.

## Community building

Knowledge Exchange: By creating a framework where farmers can share not only stories but also knowledge and experience, Adjrou fosters a community of practice and mutual learning.



## Support Network

The platform can serve as a virtual meeting place for farmers, where they can find support, advice, and perhaps even solutions to common problems.

# HACKATHON IA : CHALLENGE MULTIMODAL ET MULTILINGUE - BÉNIN

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