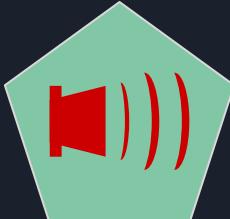




TUT  .RPH



# TUT .RPH



A new form of learning specialized for  
Filipinos.



# Problem Statement 1

One in every 10 Filipinos aged 6 to 24 years is an out of school child and youth, a survey of the Philippine Statistics Authority showed. The 2016 Annual Poverty Indicators Survey (Apis) showed the country has about 3.8 million out-of-school children and youth or about 10 percent of the 39 million Filipinos with age range six to 24 years old.

Sources:

<http://www.sunstar.com.ph/manila/local-news/2017/06/14/38m-out-school-children-youth-p-h-survey-547399>

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## Problem Statement 2

An average Metro Manila resident wastes as much as 28,000 hours of his economic life because of heavy vehicular traffic caused by poor urban planning, according to one of the country's top architects and urban planners. There are also other forms of unproductive time, which can be used for education and self-improvement.

Sources:

<https://businessmirror.com.ph/pinoys-waste-28000-hours-in-traffic/>



# Understanding the problems

- 01 There is a possibility to empower education in the Philippines even further by specializing to meet the needs of some of those 3.8 million youth
  
- 02 Moments such as the ones stated waste time, but that time could be made use of given an apt solution



# Project objective

The objective of Tuto.rph is to provide a new medium of learning with the use of the auditory senses, while specializing its subject matter for the Philippine language (not just Tagalog!) to empower the education of those under a different dialect.



# Target audience

High School and Above:

- Tend to be busier
- Less dedicated teachers for their dialect
- More complex materials for those with higher ages with less available translations





# Features List

- 01 Content Creation and Collaboration for different Languages with Tags and Playlists
- 02 Audio Streamed Lessons with Download Support for on the go availability
- 03 Results tailored to your preferred language/dialect
- 04 AI Powered suggestions for continuous learning



# Why Audio?



Audio is less heavier than videos, thus it can become more available data-wise. Audio specialized content also allows the user to perform other tasks (such as commuting) while maximizing the remaining senses in the body and time usage.



# Why Multiple Languages?

According to the Inquirer, Cebuano is cited as home language by 26.7 percent. There are people who only know this dialect, and the same applies for different dialects. This feature empowers inclusivity built for the Filipino people.



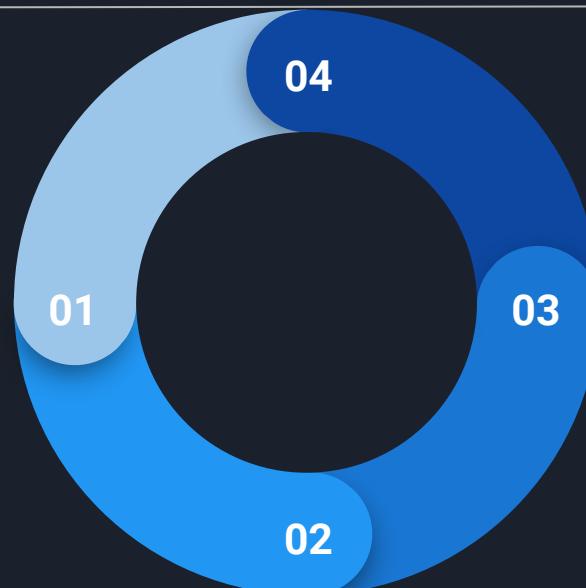
# Cycle diagram

## Content Creation

User creates content, and adds it via the application in the supported languages

## Listen

People listen to the content, and rate it



## Development

People add different language versions of the course, thus improving inclusivity

## AI Suggestion

App suggests new similar courses for progressive learning

# Introducing: Tuto.rph Mobile

An experience built on ease of access for Filipinos

About 30.4 million Filipinos own a smartphone, according to the Philippine Statistics Authority, which also includes PWDs and those in urban areas. Mobile devices are easy to carry around while commuting. This allows access to educational content on the go, all in your pocket.



Thank you!

Team Titik Computer Engineering

