



# Online Learning Platform for Teachers

Salomey Yeboah

Sherita Omolumo

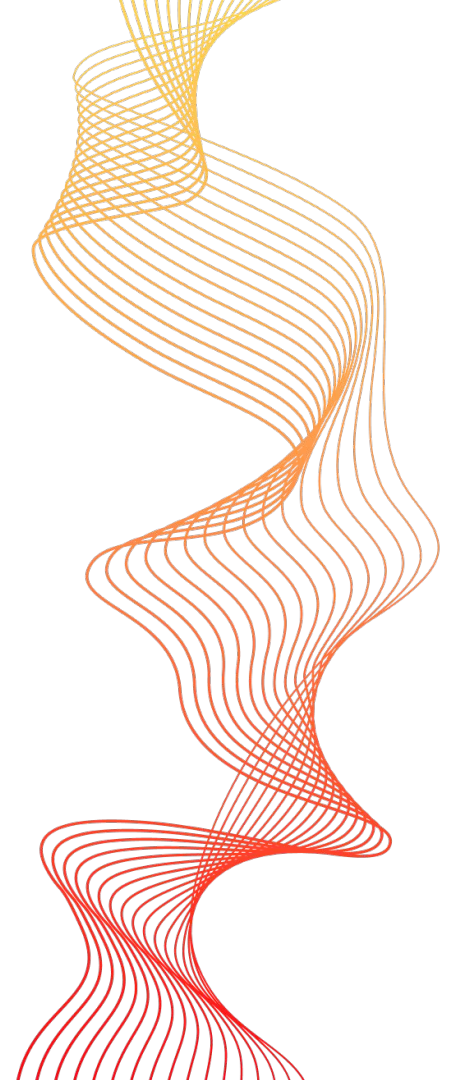
Paula Sabin-Quarm

Mabel Naa Densua Offei

Abdul-Dayyan Abubakar

Angel Dontoh Essel

Paa Kwasi Amoah Apau-Danso





## The Problem

In Ghana, professional development opportunities and resources for teachers are unavailable and this hinders educators' professional growth.

**GCGO**

Education

## Why It Matters

Teaching is challenging and it is required for teachers to stay up to date with latest technologies and methodologies

Without this, teachers cannot provide meaningful and impactful learning experiences





## Who Does This Affect?

Ama Frema, 34 year old female

A primary school teacher

She lives in Odorkor, Accra and teaches at a public school at Mataheko, earning a little bit over GHc 11,000 per annum

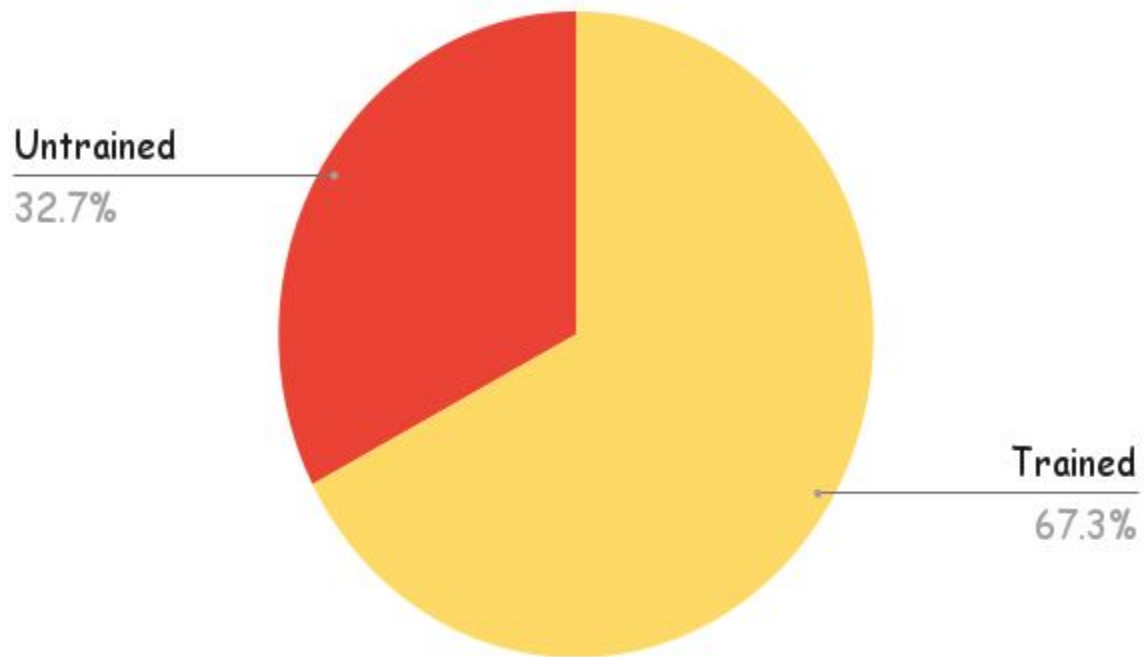
Ama is extremely dedicated and has been teaching for over a decade, trying as much as she can to make a positive impact

She has a Bachelor's Degree in Education and strongly believes in continuous learning to aid in her delivery of quality education

The current state makes it extremely difficult for her to do her continuous learning to improve herself. This is the gap our solution intends to bridge.



## Trained and untrained teachers in basic schools- 2022



## Data

32.7% of primary school teachers were untrained according to a survey done in 2022

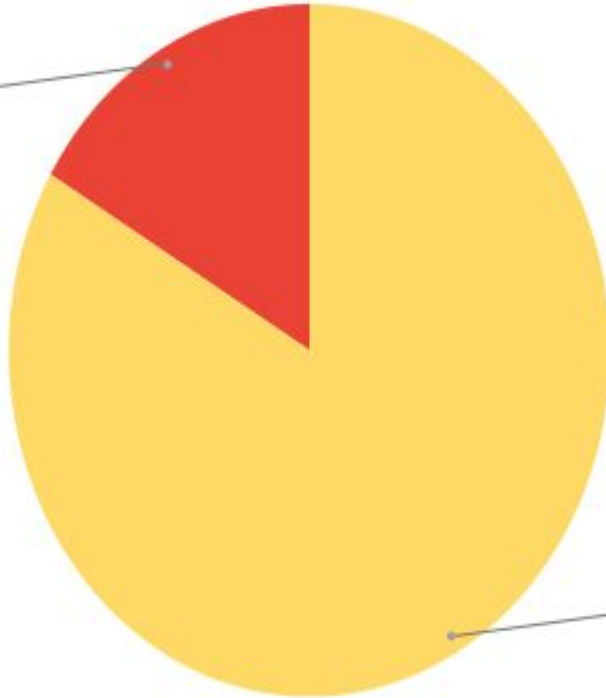
This means 32.7% of primary school teachers in service at the time did not qualify to be doing their jobs

Source: <https://educationweb.com.gh/education/30-of-teachers-in-ghana-do-not-qualify-to-teach-ntc-registrar/>

## Results for Teachers' Licensure Exams 2023

Passed

16.5%



Failed

83.5%

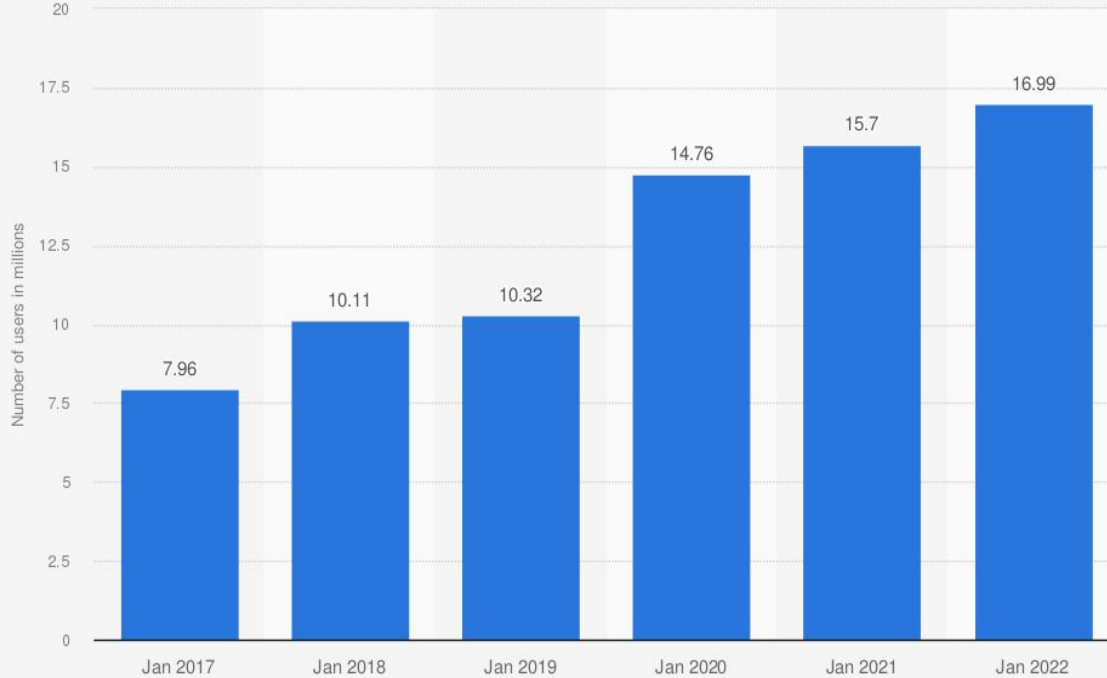
## Data

83.5% of aspiring teachers failed the just ended teacher licensure exams

This is surely a gap that needs to be addressed

[https://citinewsroom.com/2023/06/teacher-licensure-exams-mass-failure-a-national-security-threat-ntc/#:~:text=A%20total%20of%206%2C451%20\(83.5,exams%2C%20thus%20only%201%2C277%20passed.](https://citinewsroom.com/2023/06/teacher-licensure-exams-mass-failure-a-national-security-threat-ntc/#:~:text=A%20total%20of%206%2C451%20(83.5,exams%2C%20thus%20only%201%2C277%20passed.)

**Total number of internet users in Ghana from 2017 to 2022 (in millions)**



**Sources**  
DataReportal; Hootsuite; We Are Social  
© Statista 2022

**Additional Information:**  
Ghana; 2017 to 2022; internet accessed with any device

## Data

This graph shows a continuous increase in the number of internet users in Ghana



## Our Solution

Our solution is to develop a self-paced online training platform for teachers, based on the curriculum of the Ghana Education Service.

## Why choose this?

Convenience

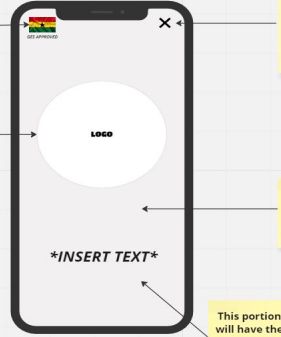
## Why will it be effective?

Previous online learning platforms designed for students have been effective



# The Solution

Copy of Sign Up



The content is going to be approved by the Ghana Education Service, so this will be included to show some credibility

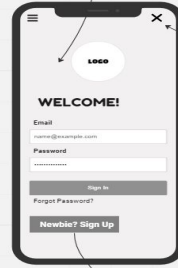
As the name suggests, this will be the logo of the app

Navigation button that closes app

Page that pops up when app is opened

This portion will have the name of the app

Login



Login page for old users of the platform. It will require their email and password, and there will also be an option for those who have forgotten their passwords

Navigation button to close login page

Button that takes new users to the sign up page

Navigation button to take user back to login page

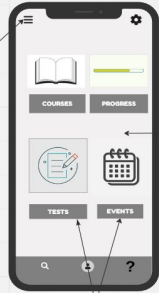
Sign Up



Sign up page for new users of the app, where information such as email, educational level, teaching level, password, etc. will be required

Button that will allow users to sign up when they have provided all the required information

Logged in Page

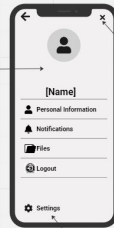


Navigation button to open the menu

Page that opens up when a user is logged in, showing the different options available

Different elements available to the user

Profile



Profile page in which users can personalise their experience with the app

Navigation button to close profile page

Button that allows users to change settings in the app to their preference

Menu

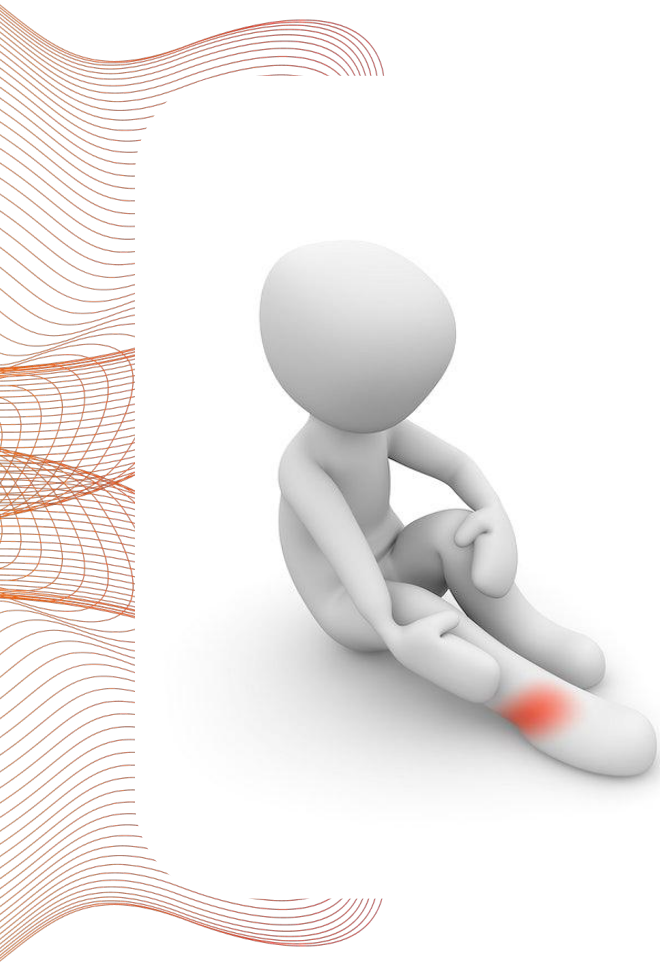


Navigation button to close the menu bar

Menu bar that shows up containing different options when the user taps the menu bar

Button that allows the user to access help



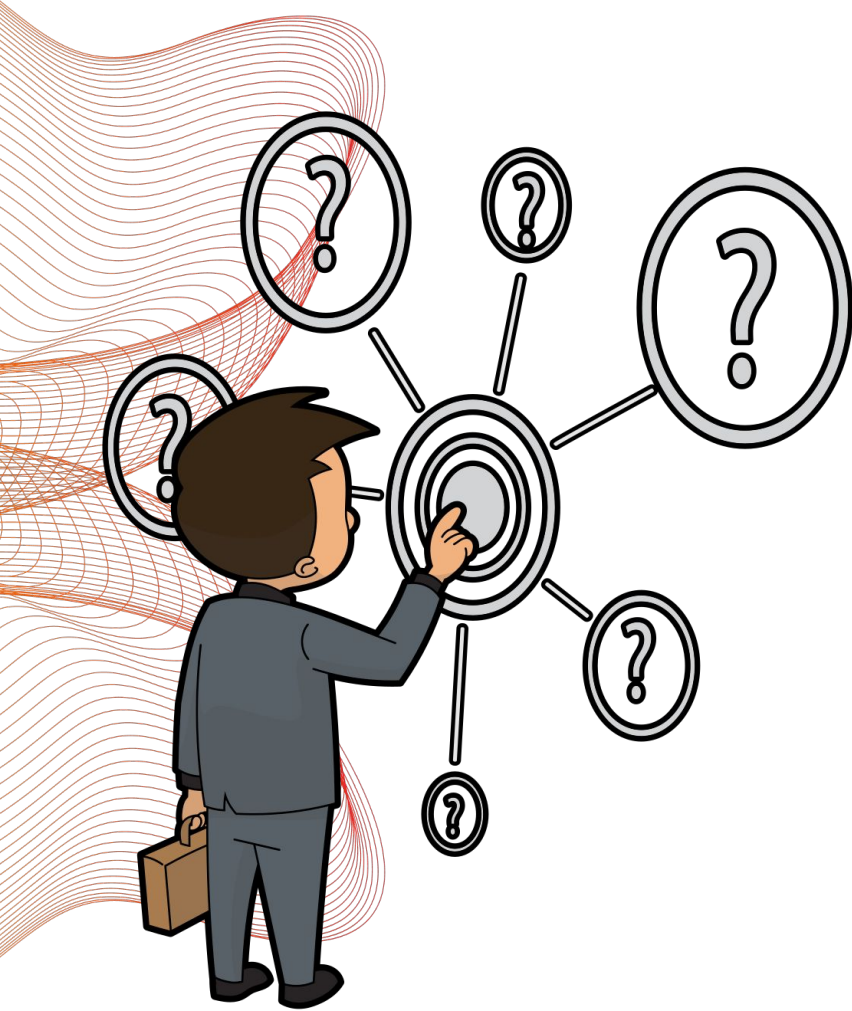


## Pain Points

Users need to be assured of quality standards of courses recommended by Ministry of Education for both internal and external contents.

Users need a way to access the course offline for uninterrupted learning in the event of power outages and unstable internet connectivity.





## Changes

Introduce downloadable content for offline use in case of internet connection challenges

Ensure all courses available on the platform are accredited by the Ministry of Education



## What's Next?

More research on user pain points to finetune the important features required by users

Approach the Ministry of Education to accredit the courses

Development of the core features

Testing

Roll out



## Why?

Many teachers lack the resources to continue their education and grow as professionals

This leads to inability to provide meaningful and impactful learning experiences

The development of this online learning platform for teachers is likely to curb this problem



# Appendix (Extra pictures of wireframe)

