

## Project Scope Group 23

### Description

Our project focuses on creating an application to further enhance users knowledge by giving them a place to create and take quizzes of different types and difficulties. This aligns with UN's goal No.4, to "promote lifelong learning opportunities" as it gives the users an easy and intuitive way of learning new things and simultaneously allows them to gain deeper knowledge in subjects they already know.

The quiz application contributes to the United Nations' sustainability goal of "Education" in several ways. The quiz application provides users with access to educational content on a wide range of subjects, thus promoting learning and increasing knowledge levels, aligning to improve access to education. The application has multiple features and different formats of quizzes which makes it a fun and engaging way for users to learn and test their knowledge. Therefore, the different formats and interactive ways of learning can lead to enhanced learning outcomes that are consistent with the goals of improving the quality of education. The quiz application encourages users to continue learning and engaging with educational content by having a scoring system. The purpose of the scoring system is to make learning more fun as you may compare scores with your previous attempts to see the result of your dedication.

Since we are developing an application, it's crucial to acknowledge that the program's functionality heavily relies on electronic devices. This dependence on technology could pose a challenge in some regions with limited access to electronics. However, our goal is to ensure that the application remains accessible to all, even in scenarios where a school only possesses a few devices. To achieve this, we are introducing a user account feature that can be accessed from any location globally, for those that have limited internet access we provide a guest feature to use only local data without having access to the internet. This functionality will enable students to utilize the limited resources at different times, providing a practical and inclusive learning experience.

### Milestones

- Create feasible Trello tasks that relate to our application's features
- Build an interactive command-line level version of the program with enough basic features that accentuate the abilities of our minimum viable product
- Stakeholder meeting
- Transform our MVP into a usable, graphical user interface
- Integration of the application's features as prioritized by the product owner

## Features

- Flashcards
  - A digital version of flashcards which will help the users to study complex words and their meaning more efficiently
- Multiple choice questions
  - Users being able to answer questions by choosing the right answer, resembling quiz on kahoot
- Text based inputs
  - Users being able to ask open questions and getting a feedback/answer for it
- \*Hints
  - Users being able to ask for a hint when facing a hinder or difficulty
- \*Points
  - Users gaining points for correct answers

## KPI

One reasonable key performance indicator would be to track the amount of quizzes used and created each day. This would give valuable information of how the application is performing as it would indicate how the flow of the website is progressing and if the users like and use the application.

Tracking the relation between a user taking quizzes and the amount of quizzes created by him/her could be an indication of them perceiving the application as a helpful tool that they would feel inclined to implement in their personal studies as well

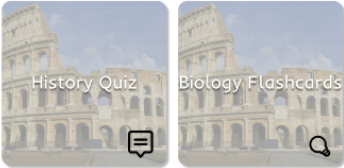
Another great key performance indicator would be to track the overall progress of the users. This could be done by checking the progress and improvement of users knowledge in between different tries of a quiz as it would give a valuable picture of how the application helps the users to progress.

Home

Quiz Collection

Flashcards

Recent



My Collection

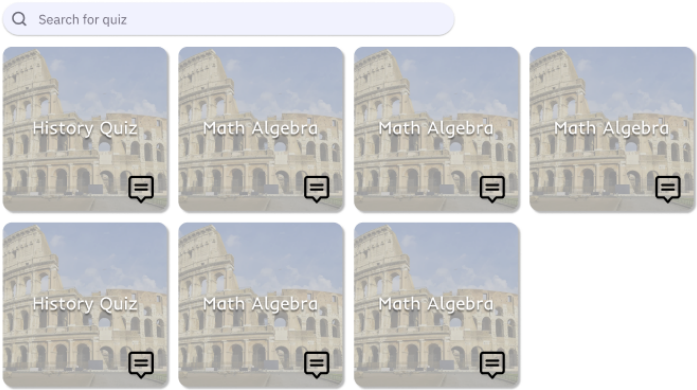


Home

Quiz Collection

Flashcards

Quiz Collection



Home  
Quiz Collection

Flashcards

Quiz Collection

 Search for quiz

Chemistry Flashcards



History Flashcards



Biology Flashcards



Science Flashcards



History Flashcards



History Flashcards



History Flashcards



History Flashcards



History Class 2023

Question

What period did Julius Caesar reign?

Show Answer

Previous

Next



## History Class 2023

Answer

Julius Caesar (c. 100 BC – 44 BC / Reigned 46 – 44 BC) changed the course of Roman history.

Show Question

Previous

Next



## Math 2022

What is  $2^3 - 5$ ?

☐ 13

☐ 4

☐ 21

☒ 3

Previous

Check Answer



## Math 2022

What is  $2^3 - 5$ ?

- ☐ 13
- ☐ 4
- ☐ 21
- ☒ 3

Previous

Next



## Math 2022

Which of the following statements are true?

- ☐ Water freezes at 200 degrees Celsius.
- ☐ The sun rises in the west.
- ☒ The sky is blue
- ☐ A triangle has four sides.

Previous

Check Answer



## Math 2022

Which of the following statements are true?

- ☐ Water freezes at 200 degrees Celsius.
- ☐ The sun rises in the west.
- ☒ The sky is blue.
- ☐ A triangle has four sides.

Previous

Next



My Profile

First name

John

Last name

Doe

Birth Date

2005-03-23

Email

john.doe@gmail.com

ACCOUNT

Username

joedoe123

Password

\*\*\*\*\*

Re-enter password

Logout

Save