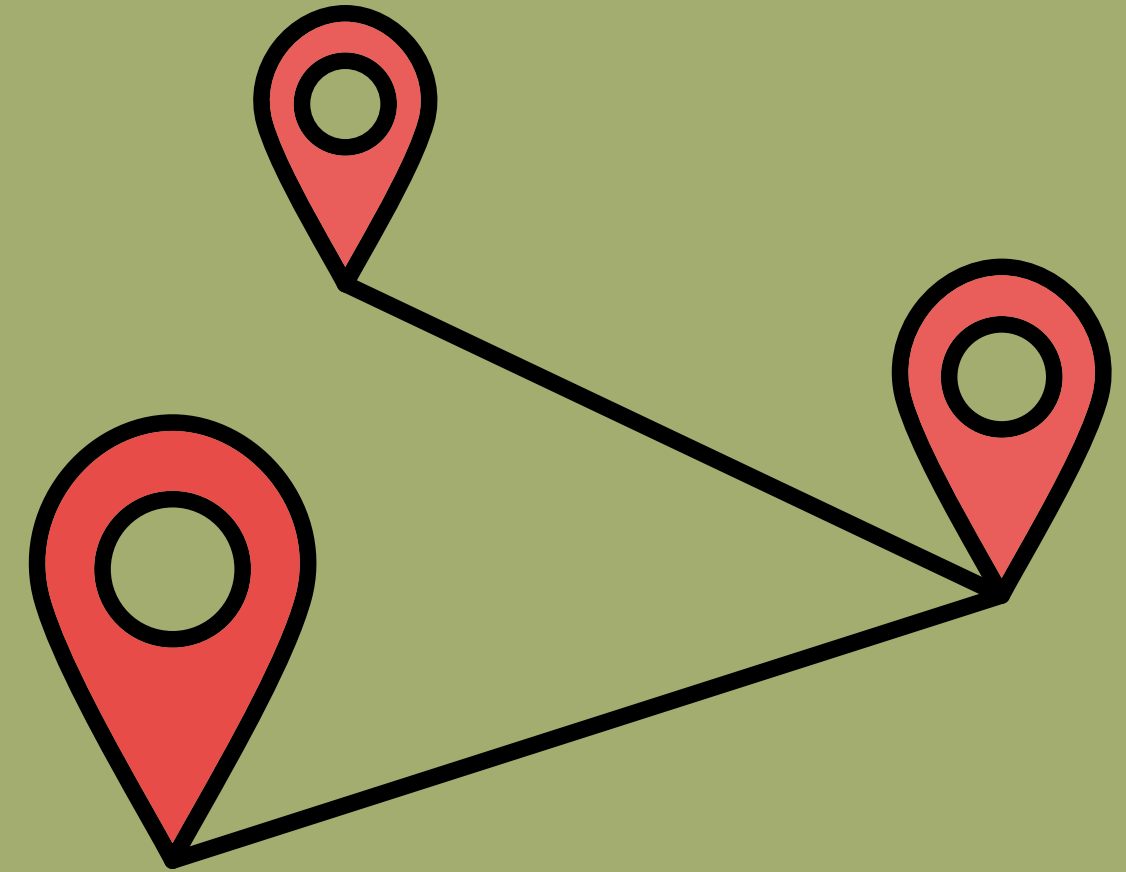# ONLINE QUIZ WEB APP

Bandepalli Surya
40110156

OUTLINE

- Introduction
- Objectives
- Application snapshots
- Conclusion
- Future Work

CERTIFICATE

INTRODUCTION

- There are several ways to educate and reinforce what we have learned in the realm of education.
- Quizzes are an increasingly popular resource, particularly in online education.
- Most educational institutions make use of quizzes as a way to make learning fun.

IMPORTANCE OF QUIZ

- Reading information as a way of learning does have its advantages.
- But reading information and then taking a quiz is much more effective.
- Forcing your brain to retrieve data ensures that it becomes "embedded" for use in the future.
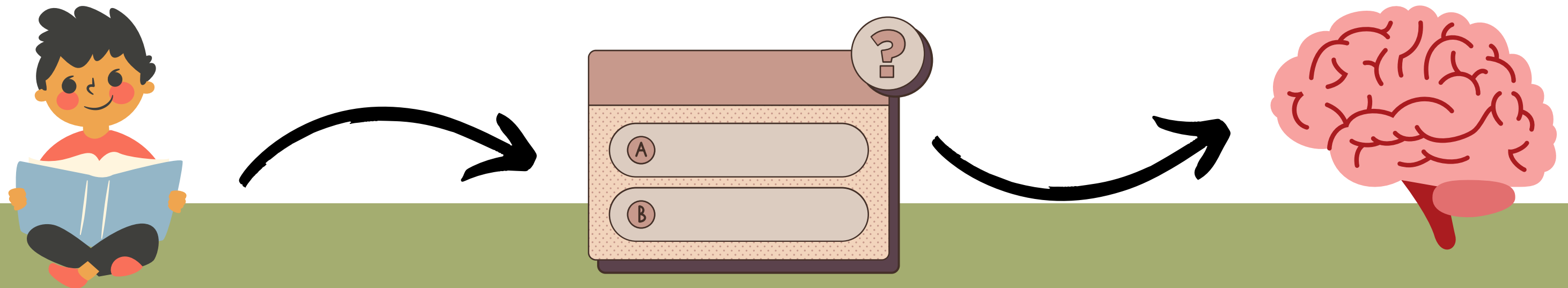
EXISTING SYSTEM

• Some educational institutions still conduct tests utilizing paper and pen.

• The majority of Quiz Applications online are complex and have a crowded user interface.

• The remaining ones are large corporations that either utilize cookie-based data collection to invade users' privacy or use paid subscription schemes.

• It was observed that there was a need for an open source, responsive quiz app.
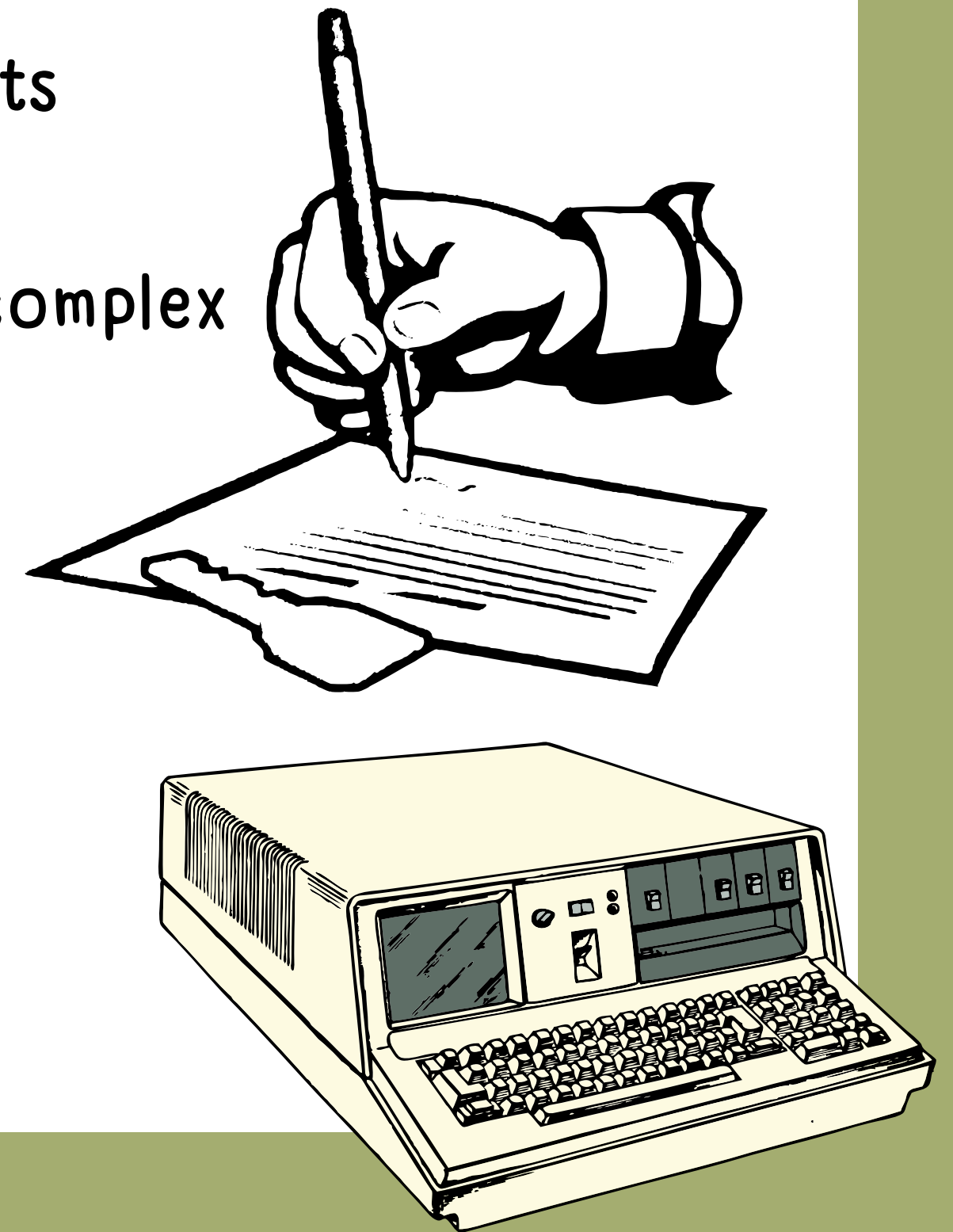
PROPOSED SYSTEM

To Develop a Quiz Web-App which is:

- Responsive
- Open-Source
- Dynamic
- Feature-Rich
  a. Stores Data
  b. Prevents Malpractice
  c. Timer-Based
  d. User-Friendly

TECH USED

FRONT-END (CLIENT-SIDE)

- HTML5
- CSS3
- BOOTSTRAP 4
- VANILLA JAVASCRIPT
- jQuery

TECH USED

BACK-END (SERVER-SIDE)
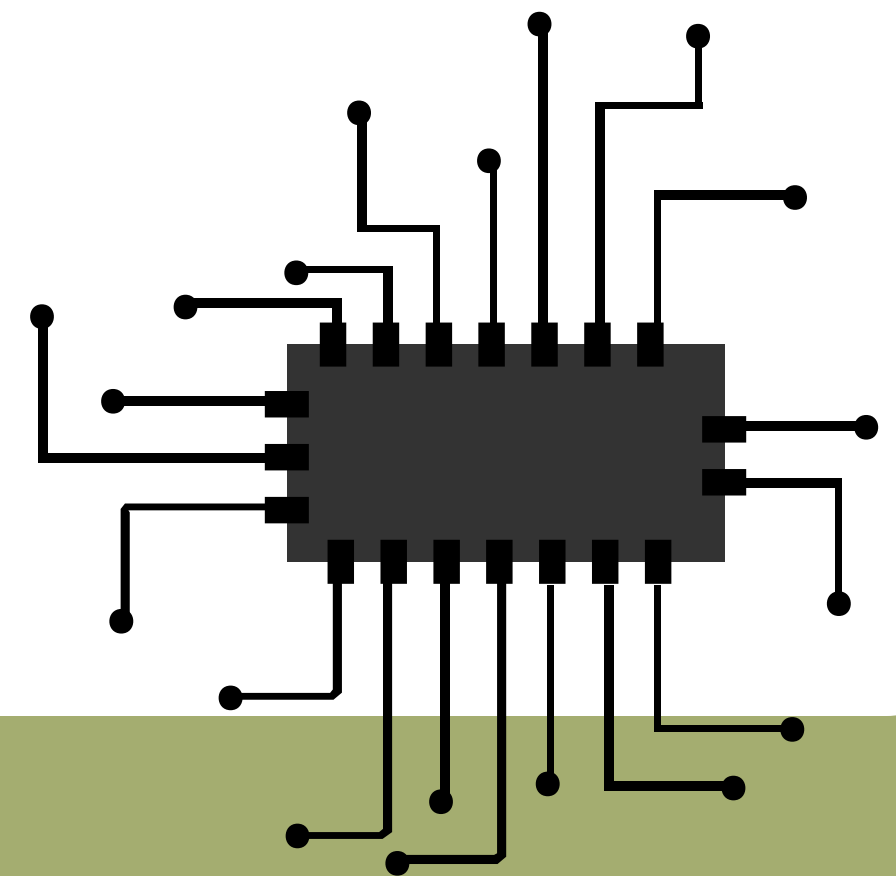
- NODEJS (NPM)
- EXPRESSJS
- MONGODB
- MONGOOSE
- HEROKU

REQUIREMENTS

HARDWARE REQUIREMENTS:

1. CPU: Intel Pentium 4 or later
2. RAM: 2 GB or higher
3. Storage: 2 GB available space recommended
4. Internet Connection: Required

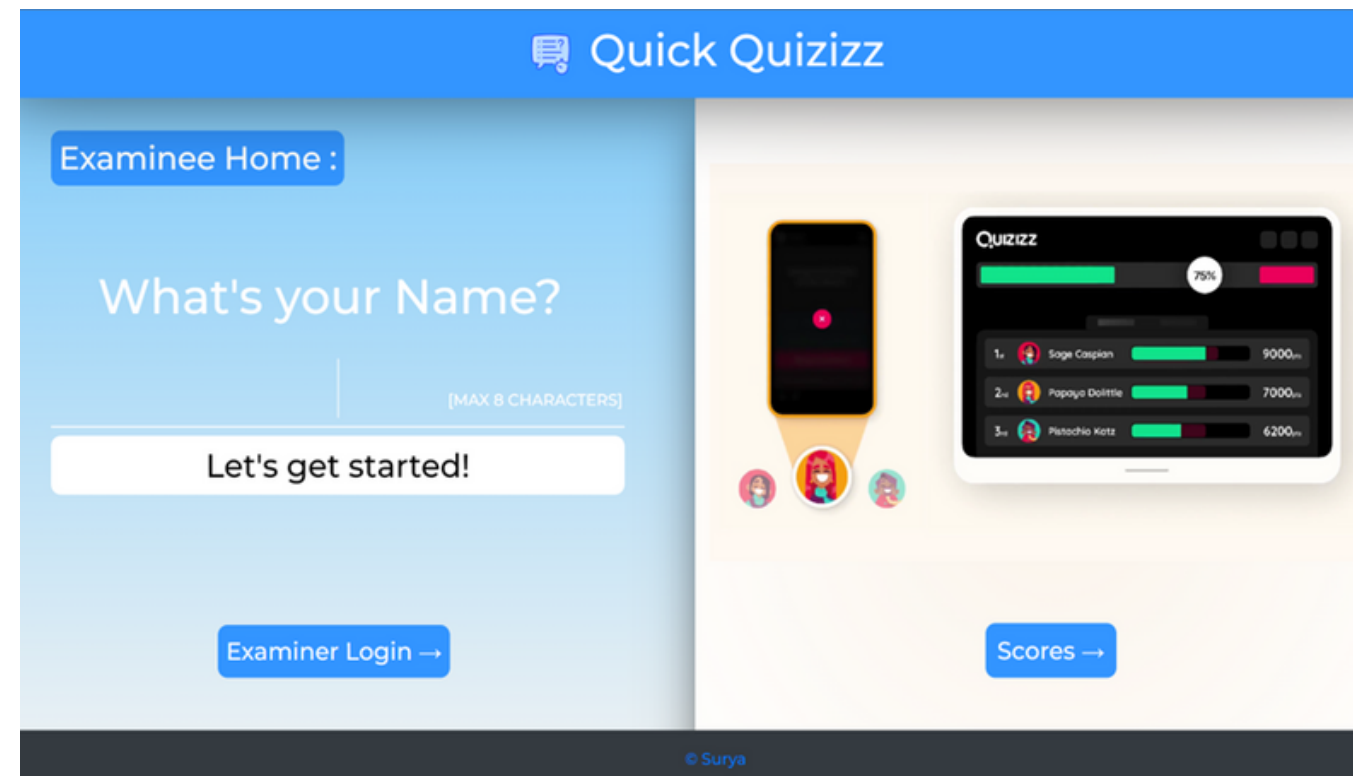SOFTWARE REQUIREMENTS:

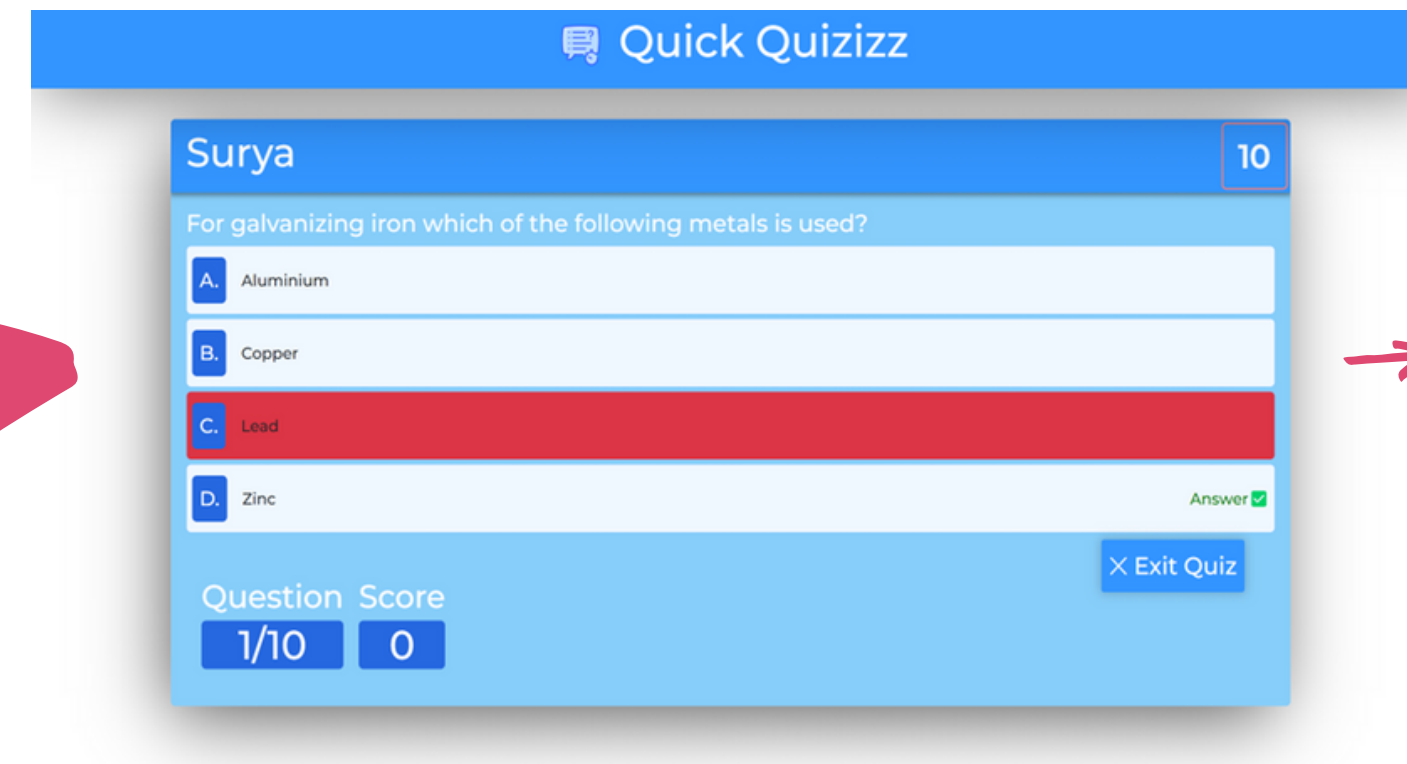1. The latest version of any Browser

   (Chrome Recommended)
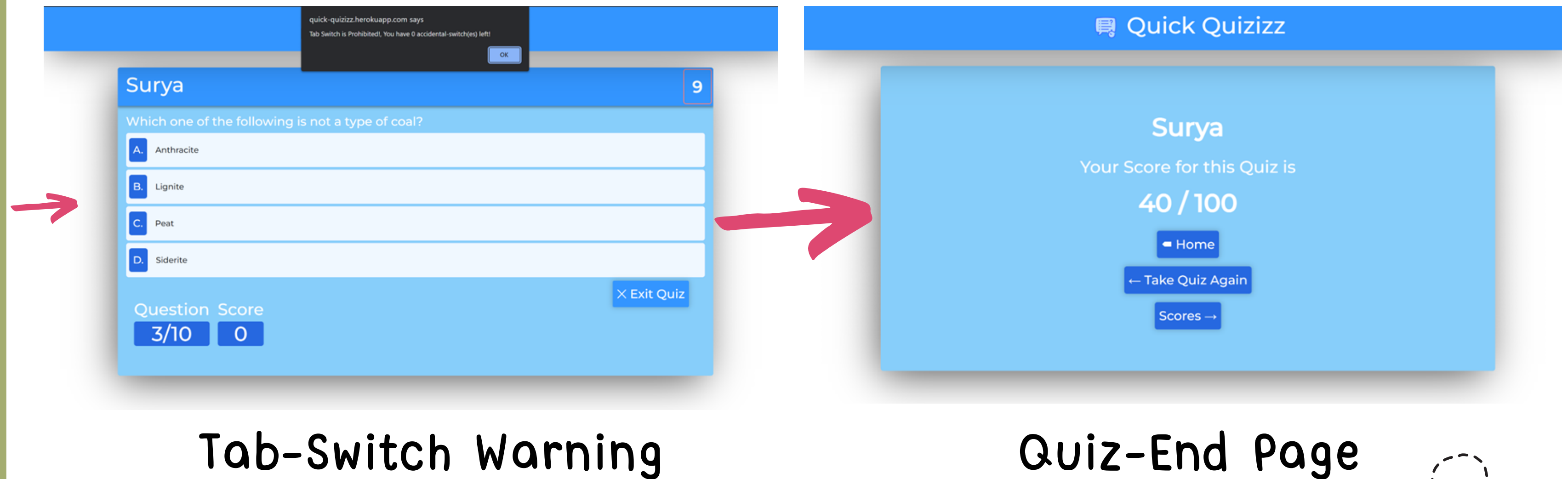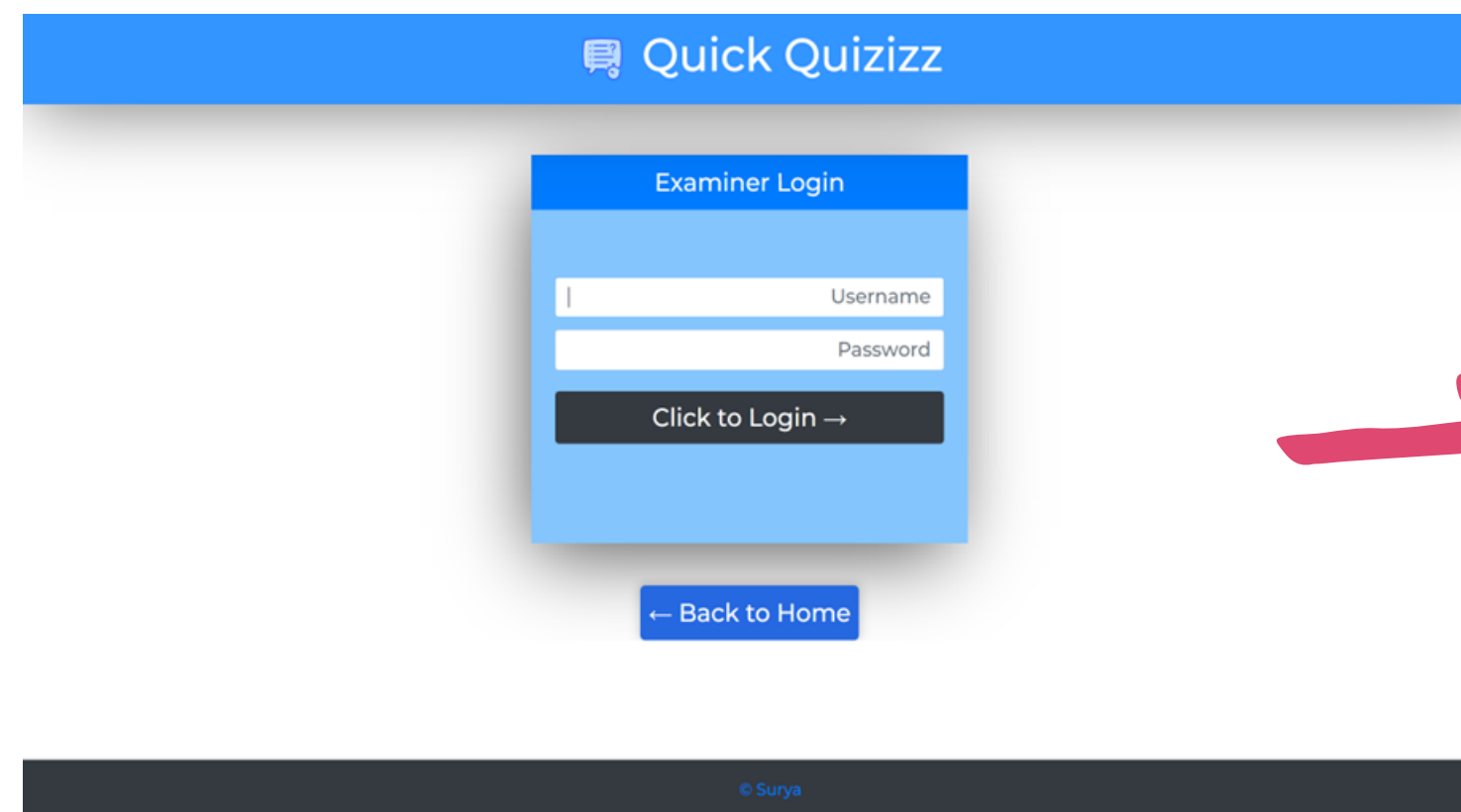
SNAPSHOTS OF THE APP

Student Ideation Map:

Home Page

Quiz Page

Student Ideation Map: (Ctd.)

Tab-Switch Warning

Quiz-End Page

Teacher Ideation Map:

Teacher Login

Questions' Adder

Teacher Ideation Map: (Ctd.)

Quick Quizizz

Your questions are *successfully✓* added to the database.

← Home

https://quick-quizizz.herokuapp.com/index.html © Surya
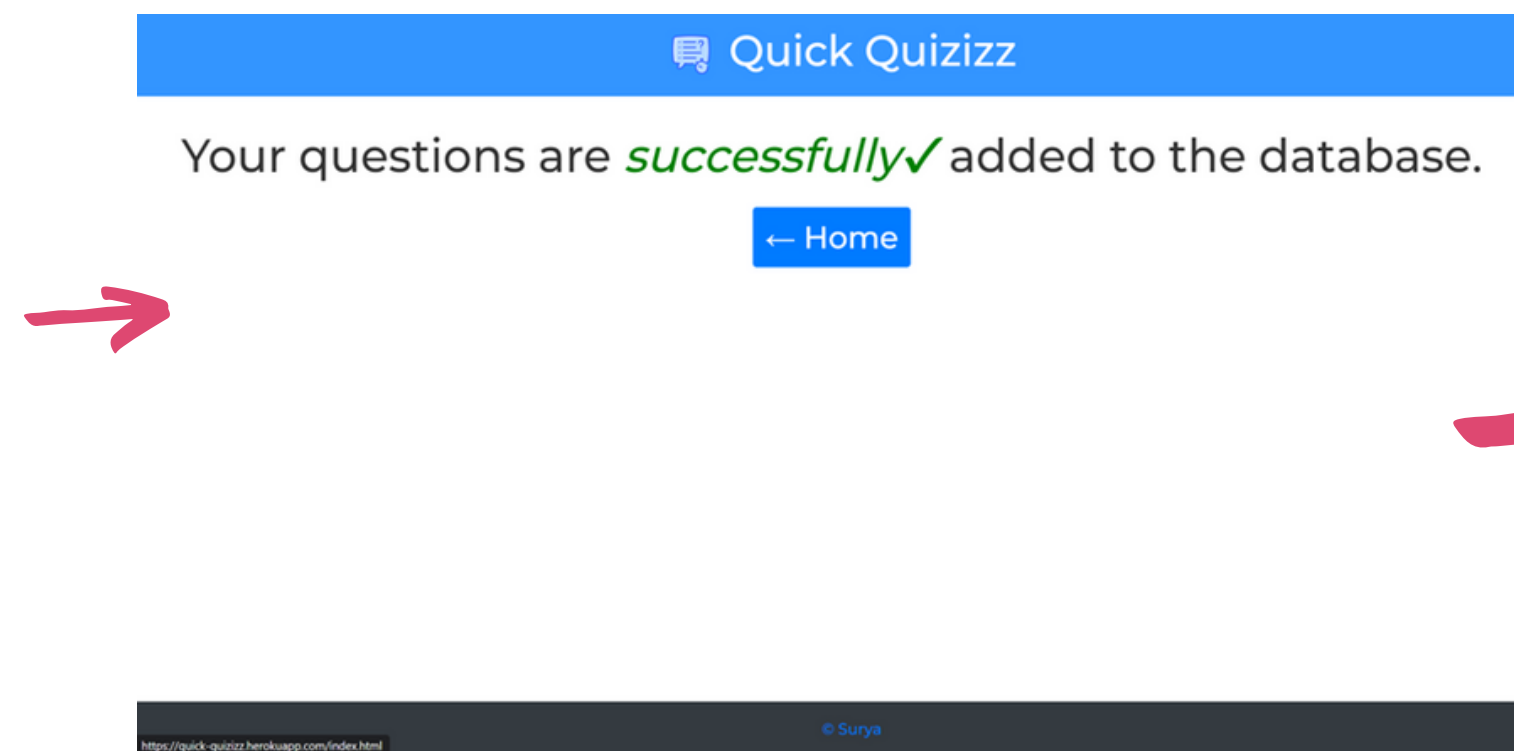
Success Acknowledgement

Quick Quizizz

#	Examinee Name	Score
1	Surya	40

End of Scores Table.

← Home

© Surya
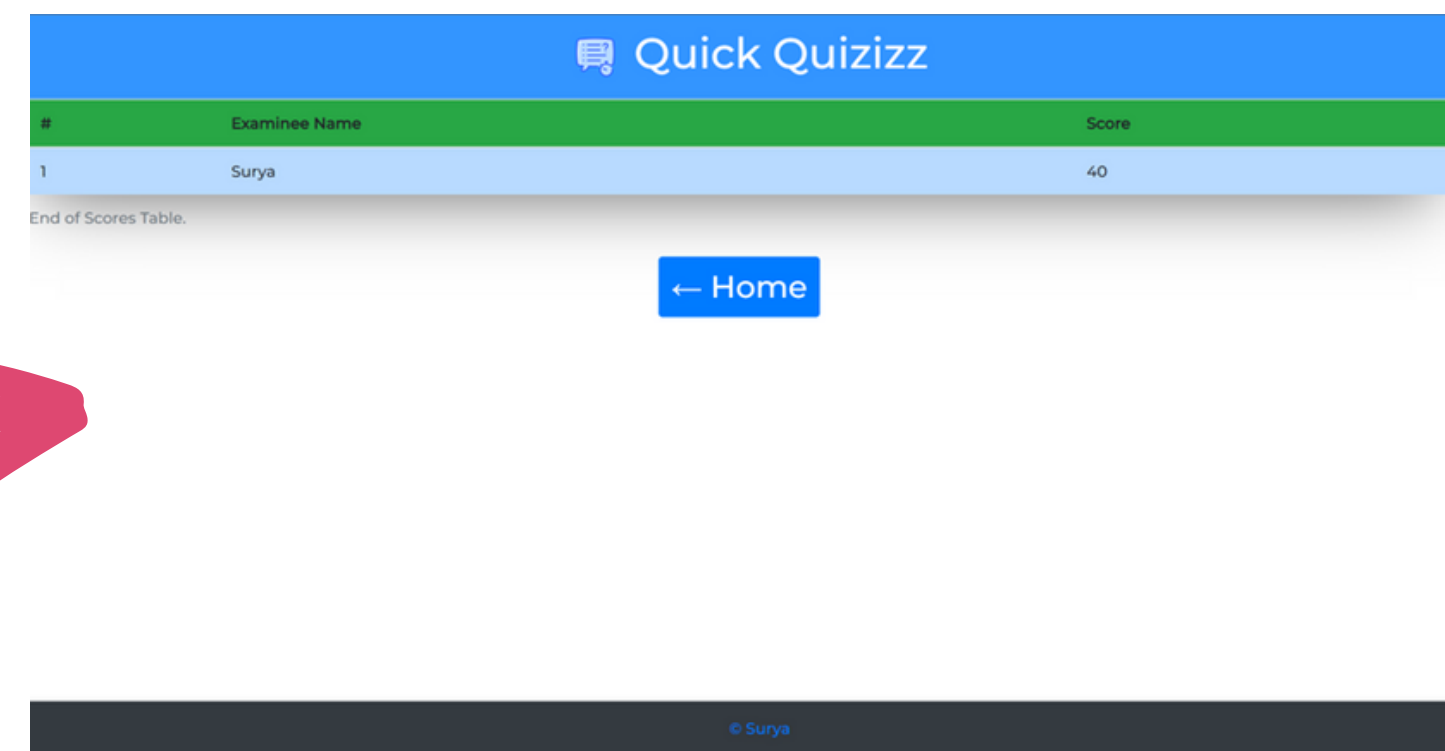
Scores Page

CONCLUSION

·The best efforts were made to develop a web application with no bugs.

·The best coding practice was used throughout the development of the project.

·The project complied with all user criteria.

·To keep up with the latest trends, the project will be iteratively improved.

·In the future, the project will develop to include features like

o   A dashboard for Teachers

o   Student focus checker using machine learning and

o   Support for multiple quizzes.

THANK YOU!