Tools used to build website

- PHP
- JavaScript
- MySQL
- HTML
- CSS
- Xampp
- Swiper.js
- Trello
- GitHub

How the tools are integrated

CSS was added to **HTML** externally by using the <link> element to link HTML to an external CSS file in the <head> section

Trello

It was used to create list of tasks that had to be done by each member of the group after each task was done it had to be uploaded on *GitHub.*

GitHub

The group leader created a repository and invited group members to join so that they can be able to contribute to the project. Each contributor in the GitHub project created a repository that contained files with code or images and uploaded them. GitHub was used to store files that contained *HTML, CSS, JavaScript, PHP, MySQL* codes that were uploaded by the contributors and to track the project.

Narrative

It's a website designed by students for students to pursue IT related fields that can assist them to improve their knowledge in IT. The platform will offer resources such as textbooks, GitHub repositories, links for educational API's, bursaries and external assistance page and different tutors.

The users will be urged to sign up with their Username, Email and create a password if the user already has an account they must sign in with their credentials. After logging in the user will be

directed to the home page where they will see different tabs such as the textbook, resources, tutors and the contact tab.

The *Home Page* will have a **Dive In** button when the user clicks it will direct to the *Textbook Page*.

The *Textbook Page* will contain different books related to IT and science such as Python, JavaScript, Web development, Cybersecurity, Software Engineering, Data Science.

The *Student Resources page* will contain the student financing bursaries, GitHub repositories and developer environment setup guide.

The website will have a *Contact Us Page* where the user will enter their credentials and select the course, they need help with from the tutors.

Mockups

User opens website

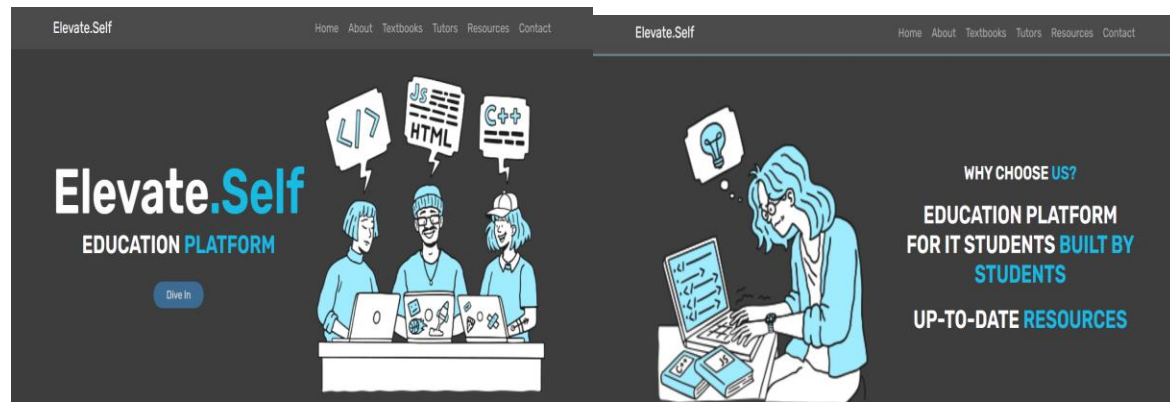### IF it's the user first time using the website they'll be asked to signup

Sign Up Page   Login Page
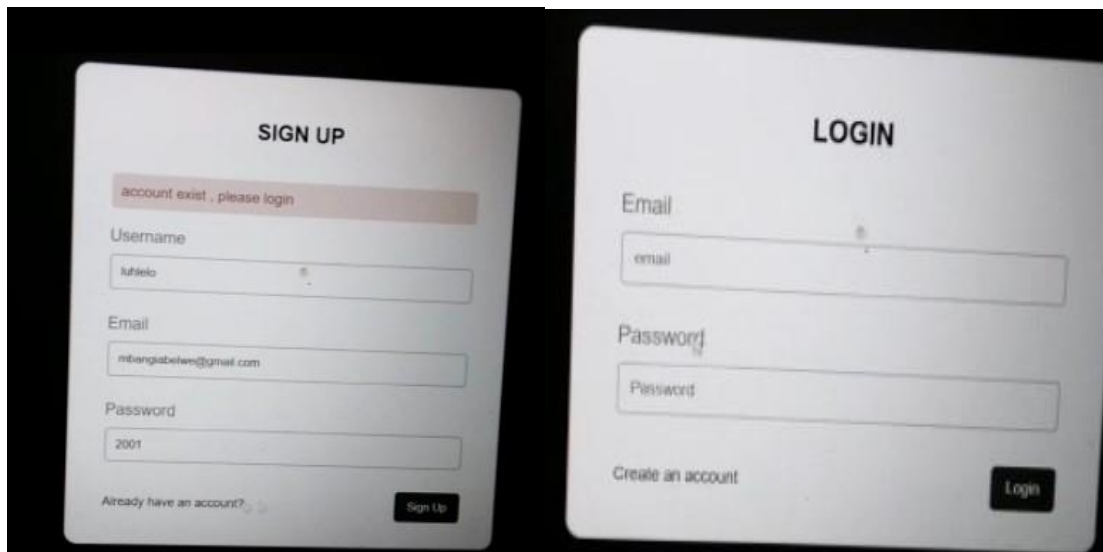
If the credentials are correct the user will be directed to the Home page

Home Page   About Page

Textbook Page

TEXT BOOKS

PYTHON

📌 Python 3: Exercise For Beginers
📌 Python Projects For Beginners
📌 Python For Finance Cookbook
📌 Competitive Programming In Python
📌 Python Automation Cookbook

JAVASCRIPT

📌 JavaScript: The Definitive Guide
📌 Clean Code In JavaScript
📌 Professional JavaScript For Web Developers
📌 Hands On JavaScript
📌 JavaScript For Impatient Programmers

WEB DEVELOPEMENT

📌 Responsive Web Design With HTML5 And CSS
📌 Flask Web Development
📌 Learning React
📌 Designing Web APIs
📌 Full-Stack React Projects

CYBERSECURITY

📌 Computer Programming & Cyber Security For Beginners
📌 Cybersecurity-Attack And Defense Strategies
📌 Python For Finance Cookbook
📌 Cybersecurity Blue Team Toolkit
📌 Cybersecurity Essentials

SOFTWARE ENGINEERING

📌 Fundamentals Of Software Architecture
📌 Software Engineering At Google
📌 Hands-On Software Engineering With Python
📌 How Software Works
📌 Embedded Hardware

DATA SCIENCE

📌 Data Science From Scratch
📌 R For Data Science
📌 The Art Of Data Science
📌 Introducing Data Science
📌 Practical Web Scraping For Data Science

Tutors Page

Elevate.Self   Home About Textbooks Tutors Resources Contact

STUDENT TUTORS

Gary-Ross Meade Tettey   Luyanda Nkonyeni   Liam Sobryan Maritz

Student's Resources Page

STUDENT'S RESOURCES

DEVELOPER ENVIRONMENTS

- ✅ Get Started With VS Code
- ✅ Windows Subsystem For Linux
- ✅ Getting Started With PyCharm
- ✅ Getting Started With PhpStorm
- ✅ Webstorm For Web Developement

STUDENT FINANCING

- ✅ Fundi Loans
- ✅ National Skills Fund (NSF)
- ✅ UJ Bursaries & Funding
- ✅ Student Room - Busaries
- ✅ Youth Opportunities Hub
- ✅ Nsfas Application

GITHUB REPOSITORIES

- ✅ Build Your Own _____ Project
- ✅ The Algorithms – Python
- ✅ Javascript Style Guide
- ✅ List Of Opportunities For Computer Science Students
- ✅ Clean Code Concepts Adapted For JavaScript
- ✅ PHP Libraries & Resource

GUIDED PROJECTS

- ✅ Exploring Hacker News Posts
- ✅ Visualizing Earnings Based On College Majors
- ✅ Investigating Airplane Accidents
- ✅ Predicting House Sale Prices
- ✅ Exploring Online Car Sales Data
- ✅ Creating A Kaggle Workflow

STUDENT FREEBIES

- ✅ Free License For Bootstrap Studio
- ✅ Free Jetrains Subscription For Students
- ✅ Free Access To 25+ Microsoft Azure Cloud Services
- ✅ Free Access To Jetbrains PhpStorm

Visit These Resources

Contact US Page

Elevate.Self   Home   About   Textbooks   Tutors   Resources   Contact

CONTACT US

Your Name
[enter your full name]

Your Email
[enter your valie email]

Your Number
[enter your valie number]

Select Course
[select the course --]

Select Gender
☐ Male   ☐ Female

Send Message

Page to Page

Home Page

The user will have a dive in button when clicked it will direct to the textbook page.

Textbook Page

The page will provide the user with different books.

Tutors Page

The page allows the user to pick the tutor they want to help them with things related to the website.

Resources Page

It provides the user with different student financing bursaries, GitHub repositories and developer environment guides.

Contact Us Page

The user has to enter their credentials and select the course they have a query about so that they can get help from one of the tutors.