SUSTAINABLE CAPSTONE PROJECTS (SCAP)
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Scap Website

CYPRUS INTERNATIONAL UNIVERSITY

GROUP MEMBERS

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INTRODUCTION

Concept, Motivation, and Objectives

1. Concept:

- The SCAP Website streamlines communication and collaboration within the SCAP program.
  A centralized hub for students, mentors, and collaborators for efficient information sharing.

2. Motivation:

- **Knowledge and Skill Expression:** Showcase skills gained in the SCAP program.
- **Improved Communication:** Enhance communication speed and effectiveness.
- **Accessibility for All:** Ensure easy access for everyone involved.

3.Objectives:

- **Efficient Information Dissemination:** Create a platform for quick and efficient information sharing.
- **User-Friendly Design:** Develop an easy-to-navigate website interface.
- **Promote Collaboration:** Encourage collaboration through project management tools.

MATERIALS USED IN CONSTRUCTION

Software:

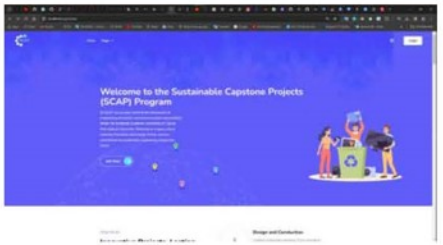
- Visual Studio Code (VSCode): Integrated development environment (IDE) for coding and project management.
- XAMPP: Provided a local server environment for testing PHP and MySQL.
- Chrome Browser: Used for testing and ensuring cross-browser compatibility.
- Lunagege: Utilized for language translation, enhancing accessibility.

- **Php and MySQL**

- **Html Css and JavaScript**

- **Laptop**

FINAL PRODUCT



Website Construction Overview:

1. Technologies Used:

Frontend:
- **HTML, CSS, and JS:** These technologies were employed for the website's user interface and to ensure an engaging and responsive design.

Backend:
- **PHP:** Used for server-side scripting, enabling dynamic content generation and interaction with the database.

Database:
- **MySQL:** Serves as the database management system, storing and retrieving data efficiently.

2. Development Process:
- **Planning:** Initial phase involved planning the website structure, features, and user interface to align with the objectives of the SCAP program.
- **Design:** Utilized HTML, CSS, and JS to design an intuitive and visually appealing interface for seamless user interaction.
- **Functionality:** Implemented PHP to add dynamic functionality, ensuring data retrieval and manipulation in real-time.
- **Database Integration:** Incorporated MySQL to create a robust database system, managing and storing project-related information.

Figure 1. Database.

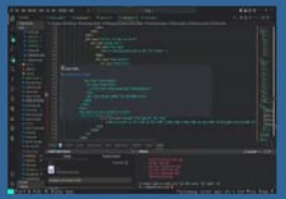
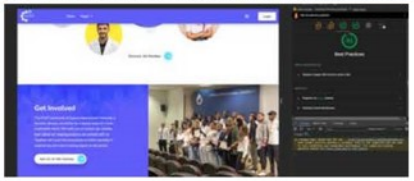


Figure 3. code project

Figure 2. Mobile Responsive.

RESULTS AND DISCUSSION



1. **SEO Performance:**

- **Current Result:** Achieved a strong SEO score of 91 on Google Chrome.
- **Best Practice Score:** Identified areas for improvement, currently at 69.

2. **Future Directions:**

- **Content and Mobile Optimization:** Enhance content, improve mobile responsiveness.
- **Backlink Strategy:** Develop a robust backlink plan.
- **Technical SEO:** Conduct regular audits and address technical issues.
- **User Experience (UX):** Prioritize improvements for user engagement.
- **Local SEO:** Optimize for local searches

CONCLUSIONS

In summary, the SCAP project has been a rewarding journey of learning, creativity, and collaboration. Despite challenges, the positive outcomes highlight the program's impact. This experience has not only contributed to the project's success but has also provided valuable insights and skills for future projects. SCAP stands as a testament to the power of hands-on learning and teamwork, shaping a foundation for continued growth in sustainable projects."

REFERENCES

https://github.com/Danico-mfala/scap