Silent Guardian

PROJECT BASED LEARNING

Submitted in partial fulfillment of the requirements for the award of the degree of

Bachelor of technology
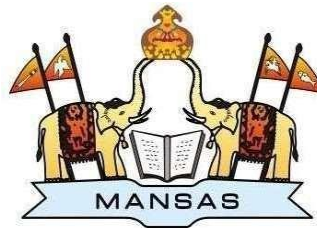
In

COMPUTER SCIENCE AND ENGINEERING BY

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(21331A0569)

Under the Supervision of

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

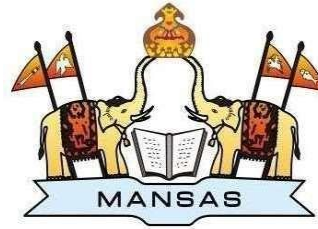MVGR COLLEGE OF ENGINEERING

(Autonomous)

VIZIANAGARAM-535005, AP (INDIA)

(Accredited by NBA, NAAC, and Permanently Affiliated to Jawaharlal Nehru

Technological University Gurajada Vizianagaram)

(2023-2024)

CERTIFICATE

This is to certify that the project report entitled **"SILENT GUARDIAN"** being submitted by JETTIBOINA SWATHI , bearing registered number **21331A0569**, respectively, in partial fulfillment for the award of the degree of "Bachelor of Technology" in Computer Science and Engineering is a record of bonafide work done by them under my supervision during the academic year 2023-2024

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Acknowledgement

This project report consumed a huge amount of work, research, passion, and dedication. In performing this project, we had to get help and guidance from some respected people, who deserve our greatest gratitude.

We would like to express our deep gratitude to our project guide N. Narendra Kumar, Associate Professor, Department of Computer Science and Engineering, MVGR College of Engineering, for his guidance with unsurpassed knowledge and immense encouragement. We would like to thank our parents, friends, and classmates for their encouragement throughout our project period. At last, but not the least, we thank everyone for supporting us directly or indirectly in completing this project successfully

1. Abstract

The "Silent Guardian" project aims to develop a secure and user-friendly platform for anonymously reporting illegal activities such as child labor, child marriage, and human trafficking. Named "Silent Guardian," this platform will empower users to submit reports anonymously, automatically triggering email notifications to relevant authorities. Built using PHP and MySQL, Silent Guardian will feature a user-friendly interface and a robust backend.

To construct Silent Guardian, a MySQL database schema will be designed and developed to store reports and user information securely. The frontend will be crafted using HTML, CSS, ensuring responsiveness across various devices. PHP will drive the backend, creating a RESTful API to manage user registration, login, and report submission.

Adherence to secure coding practices and compliance with relevant regulations will be paramount. By building Silent Guardian, we aim to combat illegal activities and contribute to creating a safer world for everyone.

2. Introduction

To develop **Silent Guardian** website we can use 3 concepts to:
1. HTML
2. CSS
3. PHP

2.1 Hypertext Markup Language (HTML): HTML, initially developed to structure scientific documents for efficient sharing among researchers, has evolved into a primary tool for formatting web pages. Its tags define document structure, such as headings, paragraphs, and lists, while hypertext facilitates interconnection between web pages. As a markup language, HTML uses tags to instruct web browsers on content display. Additionally, HTML can integrate scripting languages like JavaScript and style definitions through CSS to enhance web page functionality and appearance.

2.2 Cascading Style Sheets (CSS): CSS serves as a style sheet language, complementing HTML's markup capabilities by defining document presentation. Crucial for web development alongside HTML ,PHP , CSS enables separation of content and presentation, facilitating accessibility, flexibility, and control in specifying layout, colors, and fonts. By employing external .css files, CSS promotes consistent formatting across multiple web pages while optimizing page load speed through caching. This separation also enables rendering flexibility across various devices and mediums, including print and assistive technologies like screen readers and Braille devices.

2.2.1 Internal CSS: Also known as embedded CSS, internal CSS involves incorporating style rules directly within an HTML document, making it ideal for single-page styling. Internal CSS simplifies development by eliminating the need for separate .css files, allowing the use of class and ID selectors for targeted styling. However, embedding CSS within HTML increases page size, potentially impacting loading speed. Additionally, internal CSS proves inefficient for multiple pages, requiring repetitive inclusion of CSS rules in each HTML file.

Pros:

- Simplifies single-page styling without requiring additional file uploads.
- Supports class and ID selectors for targeted styling.

Cons:

- Increases page size, potentially affecting loading speed.
- Ineffective for multiple pages, leading to redundant CSS rule inclusion.

3. Design and Implementation

As technology advances the internet is becoming ever more popular. Websites have become an essential part. Often the website of an institution is used as a major requirement to rate it.Thus, having a website is essential for any major organization.

Here we used languages like:
- HTML
- CSS
- PHP

3.1 System Requirements

Operating System: Windows, Mac, Linux SDK : GitHub, Python, VS-Code (any Editor)

3.2 Hardware Requirements

RAM: Minimum 8GB GPU: 4GB dedicated
Processor: Intel Pentium 4 or higher
HDD: 10GB or higher
Monitor: 15" or 17" color monitor
Mouse: Scroll or Optical Mouse or Touchpad
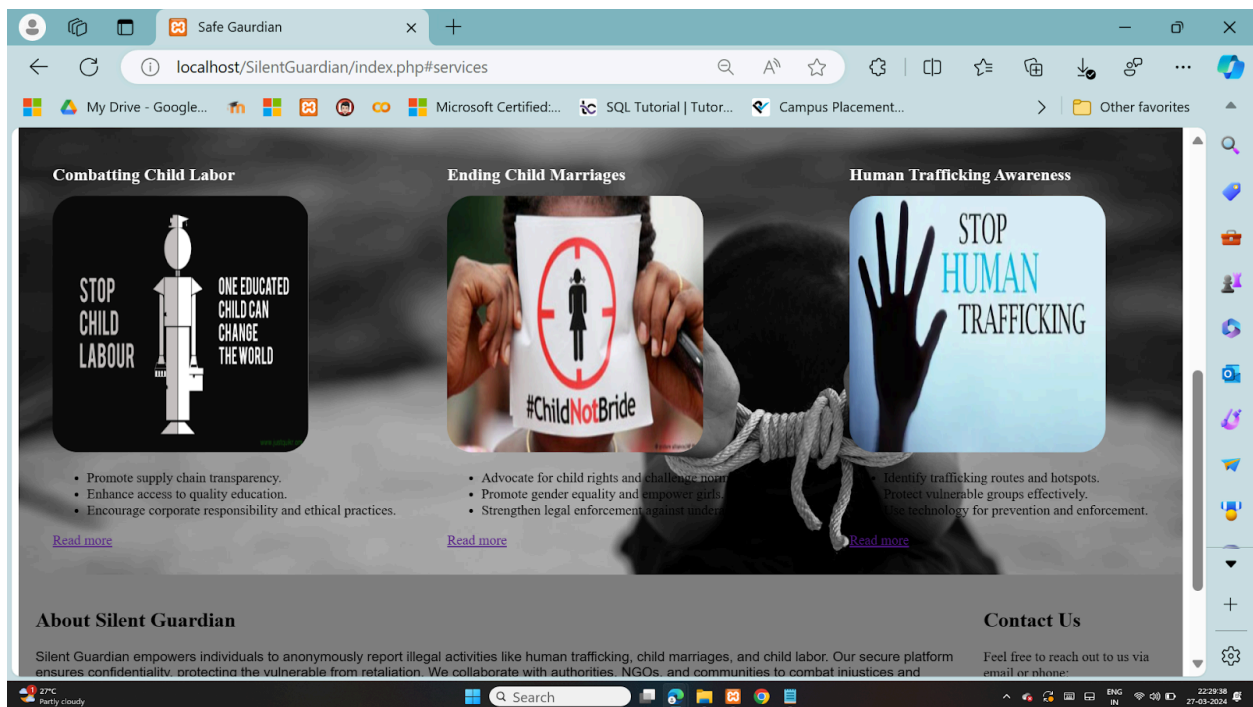**Keyboard**: Standard 110 keys keyboard

4. OUTPUT

Index.php

Services

About

About Silent Guardian

Silent Guardian empowers individuals to anonymously report illegal activities like human trafficking, child marriages, and child labor. Our secure platform ensures confidentiality, protecting the vulnerable from retaliation. We collaborate with authorities, NGOs, and communities to combat injustices and safeguard human rights. Beyond reporting, we provide support services, raise awareness, and advocate for policy reforms. Join us in creating a world where every voice is heard and every individual is protected.

Contact Us

Feel free to reach out to us via email or phone:

- Email: silentgaurdian@gmail.com
- Phone: +1234567890

Complaintform.php

Complaint :

Submit Complaint

Type of Complaint: Child Marriage ▾

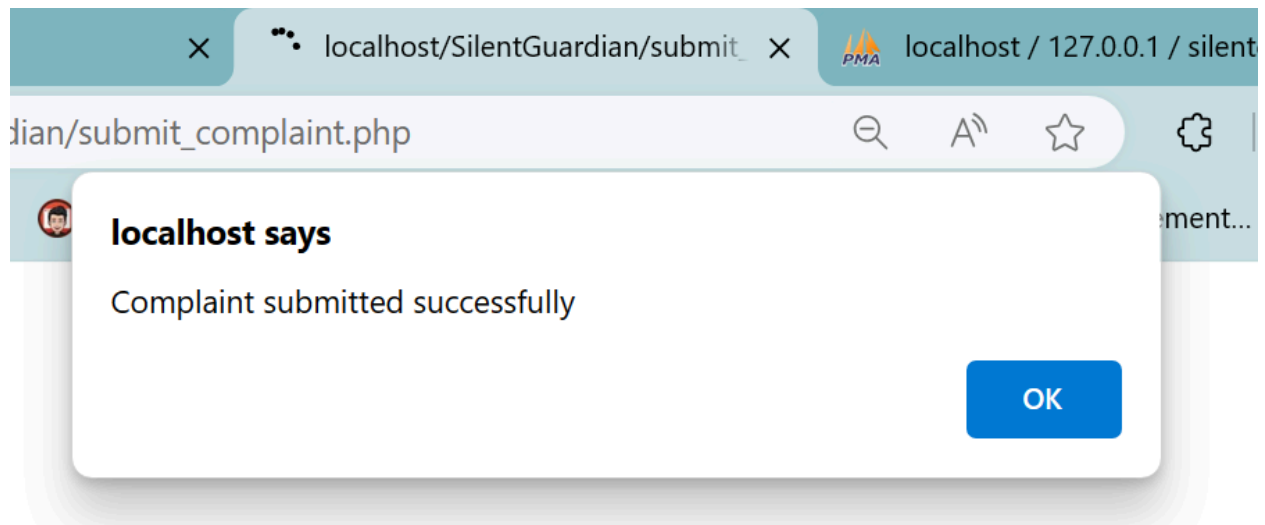State: Andhra Pradesh

District: Vizianagaram

Pincode: 535005

Evidence: Choose File _1cb65642-d3fb...f5d673ba67.jpeg

Description:

Girl having 17years is forceed to do marriage

Submit Complaint

After submitting complaint :

Stored the data in the database :

Github Repository:

https://github.com/Swathijetti2004/SafeGaurdian

5. Conclusion

In conclusion, the Silent Guardian project has the potential to be a valuable platform in the fight against child labor, marriage, and trafficking. By prioritizing user anonymity, implementing safeguards against frivolous reports, and exploring partnerships with relevant organizations, Silent Guardian can empower individuals to report these issues safely and efficiently. Remember, building trust and potentially starting with a regional rollout can further strengthen the project's impact.

6. References

- https://www.geeksforgeeks.org/php-database-connection/
- https://www.w3schools.com/html/
- https://www.w3schools.com/Css/