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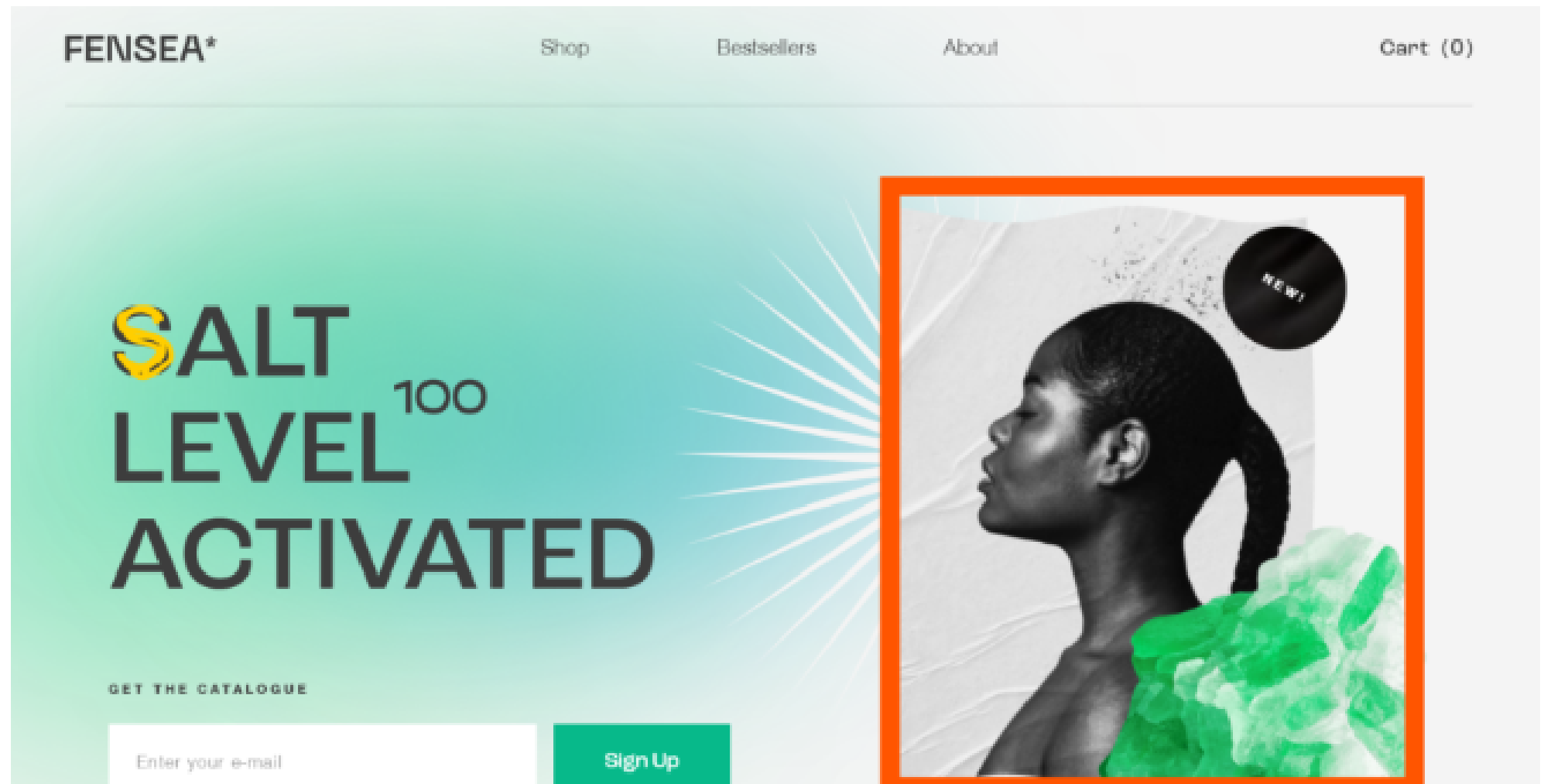
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Table of Contents

My Website

Executive Summary

Objectives:

The project aimed to improve my skills in making software, especially focusing on creating the parts users see (like buttons and menus), within a short time. I wanted to learn how to design and build these things, solve problems, and understand what works best in the industry

Methodology:

I used a flexible way of working called "agile", where I kept trying things and getting feedback to make improvements quickly. I also tried out ideas fast, kept the users in mind when designing, and made sure everything worked together smoothly. Even though I worked alone, I made sure to check in with myself regularly to stay on track.

Key Outcomes:

I successfully made user-friendly parts of software that look good and work well. I got better at using the tools needed for this work, like HTML and CSS. The project taught me a lot about how to make software and the importance of getting feedback. Even though I worked alone, I managed my time well and got good results.

1. Introduction

1.1 Background

My winter project during the third semester at Medhavi skill university represents a vital step in my academic progression. It's an opportunity to apply theoretical knowledge practically, honing essential skills for the professional arena. Motivated by the project's potential to deepen my understanding and expand my skill set, I embarked on it with enthusiasm. This project is crucial for bridging the gap between theory and practice, preparing me for the challenges of the ever-evolving technological landscape.

1.2 Objectives

To enhance proficiency in software development, project management, and problem-solving through hands-on experience. deepen understanding of software development methodologies, best practices, and industry standards.

1.3 Scope

Given the limited time frame, this project will solely focus on the development of the frontend components of a software application. It will involve designing user interfaces, implementing frontend functionalities, and conducting user testing. However, backend development, server-side operations, and database integration are excluded from the scope. The project will prioritize delivering a polished and user-friendly frontend experience within the allotted timeframe.

2. Project Planning

2.1 Requirements Analysis

Functional Requirements:
Organize sections like Shop, Bestsellers, and Cart with descriptive labels for user navigation clarity.

Non-functional Requirements:
Maintain consistency in font styles, sizes, and spacing for a polished look. Experiment with font pairings for readability.

Timeline:

Outline the project duration and key milestones.

Project Duration: December 23rd to January 16th

Milestones:

Completion of Requirements Gathering - December 30th

Finish Frontend Development - January 6th

Completion of Testing and Bug Fixing - January 10th

Launching the Website - January 16th

Main Tasks:

The main activities or tasks to be accomplished, including requirements gathering, design, development, testing, and deployment.

Requirements Gathering

Design Prototyping

Frontend Development

Backend Development (if applicable)

Testing and Quality Assurance

Deployment

5. Testing

NOT APLLICABLE

NOT APLLICABLE

NOT APLLICABLE

6. Deployment

NOT APLLICABLE

NOT APLLICABLE

NOT APLLICABLE

8. Discussion

8.1 Challenges and Solutions

Major challenges faced during development and how they were addressed.

One of the major challenges encountered during frontend development was ensuring cross-browser compatibility and responsiveness across various devices. This was addressed by extensively testing the website on different browsers and screen sizes, and making necessary adjustments to the CSS code to ensure consistency.

8.2 Lessons Learned

Key takeaways and learning experiences.

Through this project, I gained valuable experience in frontend development using Bootstrap framework and learned the importance of thorough testing and attention to detail. Additionally, I learned the significance of time management and prioritization when working on a limited timeframe project.

9. Conclusion

Summary

Summary of the project achievements.

The project successfully completed the frontend development using the Bootstrap framework, creating a visually appealing and user-friendly website interface.

Future Work

Recommendations for future enhancements or improvements.

For future work, consideration can be given to implementing backend functionality and database integration to enable dynamic content management and user interactions.

10. References

List of all sources cited in the report.

- YouTube.
- CodePen.

11. Appendices

NOT applicable

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- YouTube.
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11. Appendices

NOT applicable