R.V.S. COLLEGE OF ENGINEERING AND TECHNOLOGY

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MINI PROJECT REPORT

ON

(TECH BAZAAR)

Submitted in partial fulfilment of the requirement for the **3rd Semester**

Bachelor of technology

In

Computer Science and Engineering

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1.Abstract:

This project aims to design and develop the front-end interface for an e-commerce website focused on gadget sales. The website intends to provide an engaging user experience by showcasing a variety of gadgets, including smartphones, laptops, wearables, and accessories. The front-end development focuses on creating a responsive and visually attractive interface that enables users to seamlessly browse products, view detailed descriptions, and add items to their cart.

2.Introduction:

This college mini project aims to create a user-centric and accessible frontend for an e-commerce website dedicated to gadgets. The focus is on delivering an intuitive, seamless, and engaging shopping experience through responsive design principles and cutting-edge frontend technologies.

Objective:

The objective of this college mini project is to design and develop the frontend of an e-commerce website specializing in gadgets. The primary goal is to create a user-friendly interface that enables users to browse, search, and view a variety of gadgets and enhancing the shopping experience.

The focus is on implementing responsive design principles and optimizing the user interface to enhance accessibility**.**

3.Material and Method

1. Setup

Tools: Use a code editor like Visual Studio Code.

Version Control: Use Git to track changes and work together.

2. Tools and Tech

Basic Languages: Use HTML, CSS, JavaScript for the website.

3. Design

Planning: Draw website sketches or use design tools to plan.

Adaptability: Make sure the design works well on different devices.

4. Building

Homepage: Create the main page using HTML, CSS, and JavaScript.

Product Pages: Make pages for each gadget using the same languages.

Cart System: Add a system to pick gadgets before buying.

5. Testing and Improving: Try Different Browsers: Make sure the website looks good on Chrome, Firefox, etc. Make It Fast: Speed up the website by making images smaller and code cleaner.

6. Writing Things Down

Code Notes: Write explanations in the code for future reference.

Project Notes: Make a document explaining how everything was made.

4.Results and Discussion

1.Functionality

- Homepage: How well the main page works on different devices.
- Product Pages: How clear and useful individual product pages are.
- Shopping Cart: How easy it is to use and manage gadgets in the cart.

2.Usability

- User Experience: Overall ease of using the website.
- Responsive Design: How well the website adapts to different screens.

3.Performance

- Browser Compatibility: Any issues found when testing on different browsers.
- Optimization Impact: How optimizations made the site faster or better.

Discussion

1.Key Points: Summarize the most important findings.

2.Importance: Talk about what these findings mean for the project's success.

3.Challenges: Describe any difficulties faced during development.

4.Future Steps: Mention any plans to improve or add to the website based on the results.

6.Conclusion

- Achievements

  Highlight accomplishments in developing the gadget sales website's frontend.

- Successes and Challenges

  Discuss what worked well and challenges faced during development.

- Impact

  Reflect on how the project's outcomes affect user experience.

- Future Steps

  Suggest improvements or features for future development.

7.Acknowledgement:

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My team's member: A heartfelt thank you to my team members for their dedication, collaboration, and collective effort in bringing this project to fruition.

6. References:

a. www.w3schools.com

b. www.geeksforgeeks.org

c. Code with Harry YouTube Channel

d. Apna college You tube Channel