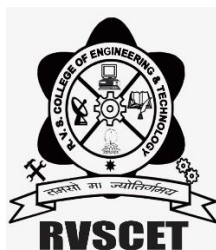


# **R.V.S. COLLEGE OF ENGINEERING AND TECHNOLOGY**

**EDALBERA, BHILAI PAHARI, NH33, JAMSHEDPUR: 831012**



## **MINI PROJECT REPORT**

**ON**

**(TECH BAZAAR)**

Submitted in partial fulfilment of the requirement for the **3<sup>rd</sup> Semester**

**Bachelor of technology**

**In**

**Computer Science and Engineering**

**Submitted By**

- |                         |            |
|-------------------------|------------|
| 1. Nikhil Kumar         | CSE/115/22 |
| 2. Rakesh Kumar         | CSE/128/22 |
| 3. Dayanand Kumar Gupta | CSE/057/22 |
| 4. Dhiraj Prajapati     | CSE/088/22 |

**Under the guidance of Prof. Jeevan kumar**

**Department of Computer Science & Engineering**

**R.V.S. COLLEGE OF ENGINEERING AND TECHNOLOGY**

## TABLE OF CONTENTS

SERIAL NO.	CONTENT	PAGE NO.
1	Abstract	3
2	Introduction	3
3	Material and Method	3
4	Result and Discussion	4
5	Conclusion	4
6	Acknowledgement	4
7	References	5

## **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.

## **5. 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.

## **6. Acknowledgement:**

I would like to express my sincere gratitude to the following individuals and entities for their invaluable support and contributions throughout the development of this project:

Prof. Jeevan kumar: I am immensely grateful for the guidance, mentorship, and expertise provided by guider, whose insights and encouragement significantly enriched the project's outcome.

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.

## **7. References:**

- a. [www.w3schools.com](http://www.w3schools.com)
- b. [www.geeksforgeeks.org](http://www.geeksforgeeks.org)
- c. [Code with Harry YouTube Channel](#)
- d. [Apna college You tube Channel](#)