CPISM

E-Project

**Hn**

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**Acknowledgment:**

We would like to take this opportunity to express our deepest gratitude to all those who have supported, guided, and encouraged us throughout the development of this project, TOYO Toys Website Development. This project has been an enriching experience, allowing us to apply our knowledge and skills in a practical environment while also learning new concepts and methodologies.

First and foremost, we would like to extend our sincere appreciation to our mentors and instructors, whose invaluable guidance and constructive feedback played a crucial role in shaping this project. Their continuous support, expert insights, and encouragement helped us overcome various challenges and implement the required features effectively. Their dedication to nurturing learning and innovation has been truly inspiring.

We are also immensely grateful to our peers and colleagues who provided us with motivation, useful suggestions, and thoughtful critique throughout the development process. Their input helped refine the website’s functionality, usability, and overall user experience. The constructive discussions and exchange of ideas greatly contributed to enhancing the final outcome.

Furthermore, we extend our heartfelt thanks to the TOYO Toys team for providing a well-structured problem statement and clear requirements. Their vision for the project gave us a well-defined direction, ensuring that the website met the necessary specifications and delivered a seamless experience for users. Their trust and confidence in our abilities served as a constant source of motivation.

Additionally, we would like to acknowledge the various online resources, technical forums, and reference materials that played a significant role in helping us troubleshoot issues and improve the efficiency of the website. The availability of such extensive knowledge bases has been instrumental in addressing complex challenges and implementing best practices.

Last but not least, we would like to express our heartfelt appreciation to our family and friends for their unwavering support and encouragement. Their belief in our abilities, patience during our long working hours, and constant motivation gave us the strength to persevere and complete this project successfully.

In conclusion, this project has been a remarkable learning experience, providing us with practical exposure to website development, user experience design, and problem-solving in a real-world scenario. We are grateful for the opportunity to work on this project, and we hope that the website developed will serve as a useful platform for TOYO Toys and its customers, making the toy selection process easier and more enjoyable.

Authorized Signature:

Date Of Issue:

Submited by:

Has Succesfully Designed &

Developed

Mr./Ms

This is to certify that

CERTIFICATE

**Problem Statement:**

TOYO Toys is selling various types of Toys. Company has a huge collection of Toys for different segments of kids. The company advertises by distributing the pamphlets, advertising on television and so on. Due to rapid development in internet field, the company decides to launch a website where people will get all the information about the various products available with them easily.

Requirement Specification:

The Web site is to be created based on the following requirements.

1. Home Page should contain logo of the site with proper sections and details of toys with suitable images.
2. The site should display a menu which will contain the options for brief introduction about the various toy products available, location of the shop and any other information if required.
3. The information should be categorized according to the brand names of the products like if a User wants to see only “MATTEL” products or any other companies products then he/she can click on a Link/button/menu etc and can see only that Brand products.
4. Another category option for Age Group of kids should be created and accordingly the toys should be listed.
5. When a user selects any particular brand, a list of products for that brand will be displayed
6. A brief summary of features of individual products should be displayed on the Web Page along with the product but detailed Features should be stored in Individual Word documents which can be downloaded or viewed by the User who wishes to see the same.
7. The user should also be able to compare the various products of different as well as similar brands.
8. There should be a “Contact Us” page which will have the Address of the Company which is as follows and the mail address which when clicked will invoke the local mail client from where they can send an email.

**Hardware/ Software Requirements:**

**Hardware**

* A minimum computer system that will help you access all the tools in the courses is a Pentium 166 or better
* 64 Megabytes of RAM or better

**Software *[Either or Combination as per Course/Sem]***

* Notepad/HTML editor/CoffeeCup
* Angular / Angular JS / React / BootStrap
* Dreamweaver / Figma
* MS IE / Chrome / FireFox / Netscape /MS Edge

**Flowchart:**

YES

YES

YES

YES

YES

Display Home Page

Display Products by Age

Display Products by Brands

Display Compare Page

Display About Us Page

Display Contact Us Page

Load Home Page having options: Age Groups, Brands, Compare, Gallery, Contact Us, About Us

Are you looking for Age Groups

Are you looking for Brands

Are you looking for Compare Page

Are you looking for About

Are you looking for Contact

**Tasksheet:**

|  |  |  |
| --- | --- | --- |
| **PHASE** | **STUDENTS** | **Time In Days** |
| Analysis | Areeb Hussain & Abdur Rehman | 2 Days |
| Planning | Muhammad Siddique Ali & Abdur Rehman | 2 Days |
| Working | Muhammad Siddique Ali, Abdur Rehman & Areeb Hussain | 21 Days |
| Implemation | Areeb Hussain & Abdur Rehman | 2 Days |
| Testing | Muhammad Siddique Ali | 3 Days |

**Validation Checklist:**

|  |  |
| --- | --- |
| **Option** | **Validated** |
| Do all numeric variables have a default value of zero? | Yes |
| Does the administrator have all the rights to create and delete the records? | Yes |
| Are all the records properly fed into the appropriate database? | Yes |
| Have all the modules been properly integrated and are completely functional? | Yes |
| Have all the Design and Coding Standards been followed and implemented? | Yes |
| Is the GUI design consistent all over? | Yes |
| Is the navigation sequence correct through all the forms/screens in the application? | Yes |
| Are all the program codes working? | Yes |

**Submission Checklist:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sr. No.** | **Particulars** | **Yes** | **No** | **NA** |
| 1 | Are all the users able to search for a particular record? | Yes |  |  |
| 2 | Are all the old records properly saved and retrieved when required? | Yes |  |  |
| 3 | Have all the modules been properly integrated and are completely functional? | Yes |  |  |
| 4 | Are the GUI contents devoid of spelling mistakes? | Yes |  |  |
| 5 | Is the application user-friendly? | Yes |  |  |
| 6 | Is the project published properly into a setup file? | Yes |  |  |

**Our Solution:**

In response to TOYO Toys' need for a modern and efficient online platform, we have developed a dynamic and user-friendly website that provides a seamless browsing experience for customers looking for toys. Our solution ensures that users can easily explore, compare, and gather detailed information about the various toy products available.

**Key Features of Our Solution:**

1. **Engaging Home Page**
   * A visually appealing home page featuring the company’s logo.
   * Properly structured sections displaying toy categories with high-quality images.
2. **Comprehensive Product Categorization**
   * Toys are categorized based on **brand names** (e.g., Mattel, LEGO, Hasbro) for easy navigation.
   * Additional filtering based on **age groups** ensures customers can find age-appropriate toys for their children.
3. **Detailed Product Information**
   * Each product has a brief summary displayed on the website.
   * Detailed product specifications are available as downloadable Word documents for interested users.
4. **Product Comparison Feature**
   * Users can compare different toys based on their features, helping them make informed purchasing decisions.
   * Comparison is available for both similar and different brands.
5. **User-Friendly Navigation and Menu**
   * A well-structured menu providing quick access to product categories, shop location, and additional company details.
   * A simple and intuitive interface that ensures easy access to all sections.
6. **Contact Us Page**
   * Displays the company’s physical address and contact details.
   * An interactive mail-to link allows users to send queries directly via their local email client.

**How Our Solution Benefits TOYO Toys**

* **Increased Customer Reach:** With an online presence, TOYO Toys can connect with a broader audience beyond traditional advertising methods like pamphlets and TV commercials.
* **Better User Experience:** The well-structured website allows customers to find relevant products quickly, enhancing overall satisfaction.
* **Efficient Decision-Making:** The product comparison tool helps customers make informed choices, leading to better engagement and sales.
* **Modern and Scalable:** The website is designed to be expandable, allowing for future enhancements such as online ordering and additional product categories.

Our solution effectively transforms TOYO Toys' business approach by leveraging digital advancements, making toy exploration easier and more convenient for customers.

**Home Page:**

**Home Page New Arrival Section:**

**Home Page Age Section:**

**Home Page Catalog Section:**

**Home Page Brands Section:**

**Home Page Testimonials Section:**

**Home Page Ad and Location Section:**

**Home Page Services and Footer Section:**

**Products Listed by Brands:**

**Product Details Page:**

**Products Listed by Age:**

**Gallery Page:**

**Add To Cart:**

**Compare Page:**

**About Us Page:**

**Contact Us Page:**

**Conclusion:**

The development of the TOYO Toys website marks a significant step forward in the company’s digital transformation. By providing an intuitive, well-structured, and visually appealing platform, we have ensured that customers can easily explore and compare various toy products based on brand and age group.

This solution not only enhances the shopping experience but also extends TOYO Toys’ reach beyond traditional marketing methods. With features like product categorization, detailed information access, and comparison tools, the website empowers customers to make informed purchasing decisions efficiently.

Additionally, the inclusion of a dedicated **Contact Us** page strengthens customer interaction, allowing users to reach out directly for inquiries or assistance. The website’s design also ensures future scalability, enabling TOYO Toys to incorporate additional functionalities such as e-commerce features if needed.

In conclusion, this project successfully bridges the gap between TOYO Toys and its customers by providing an accessible and user-friendly digital platform. With this solution, the company is well-positioned to adapt to modern consumer preferences and maintain a competitive edge in the toy industry.