

Ecommerce website: GearbHub

Faisal Hafeez - FA21-BCS-037 A

Overview

- Website overview
- Problem statement & goal
- Role & responsibilities
- Additional documents

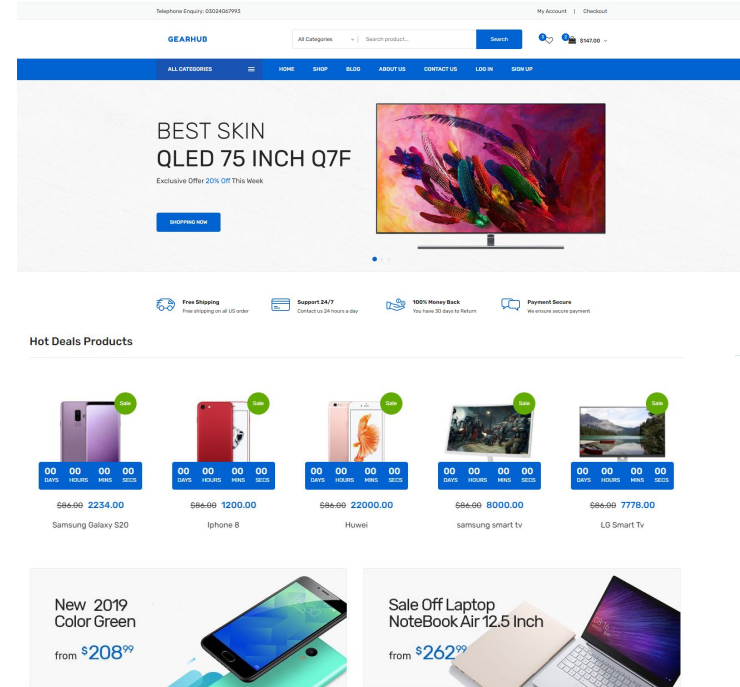
Project overview

The product:

GearHub is built on the Laravel framework, allowing seamless product management directly through the admin panel. The product data, which includes various electronic products, is stored in a database.

Project duration:

March 2024 to July 2024



Project overview



The problem:

In today's fast-paced digital marketplace, consumers demand a seamless, reliable, and user-friendly online shopping experience, especially when purchasing electronic products. Traditional e-commerce platforms often fall short in providing efficient product management, real-time inventory updates, and a secure shopping environment, leading to customer dissatisfaction and lost sales. Additionally, many businesses struggle with integrating modern design practices and responsive interfaces that cater to a wide range of devices and screen sizes.



The goal:

GearHub addresses these challenges by leveraging the powerful Laravel framework to create a robust and intuitive e-commerce platform specifically tailored for electronic products. The admin panel offers seamless product management, enabling easy updates, inventory tracking, and detailed analytics to optimize sales strategies. Our use of Bootstrap, SASS, CSS, and HTML ensures a responsive and aesthetically pleasing design that provides a consistent user experience across all devices. By focusing on security, performance, and user-centric design, GearHub delivers a superior online shopping experience, fostering customer loyalty and driving sales growth.

Project overview

PROBLEM STATEMENT

Adil Mehmood

is a/an General consumer

user name

user characteristics

who needs To order products from the website

user need

because

He doesn't wants to buy them offline

Project overview



My role:

As the lead developer of GearHub, I created a robust e-commerce platform for electronic products using Laravel. I ensured seamless product management through an intuitive admin panel and efficient database solutions for real-time inventory updates. By leveraging Bootstrap, SASS, CSS, and HTML, I designed a responsive, user-friendly interface. My focus on security and performance optimization ensured a reliable shopping environment, enhancing customer satisfaction and driving business growth.



Responsibilities:

- Customization of the website's features and user interface
- Database design and management
- Implementation of Laravel for backend development
- Hosting and deployment of the website on a live server
- Ensuring secure and efficient product management through the admin panel

Project overview



Website additional documents: Website documents, schedule and persona

Persona: Adil



Adil Mehmood

Age: 25

Education: BCS

Hometown: Lahore

Occupation: Working in firm

“The average consumer who may not have a specific interest in politics but is in need of electronic gadgets for personal or professional use”

Problems

- Limited awareness of specialized gadgets designed for election-related activities.
- Lack of options for purchasing election-themed products as gifts or novelty items.

The project expands the accessibility of election-related products to the Everyday Consumer, introducing them to a diverse range of gadgets that may align with their interests or preferences. By featuring election-themed products alongside mainstream gadgets, the project caters to the varying needs and preferences of the General Public, offering something for everyone.

Admin Panel

- Login/Sign up through session
- Products addition, update, delete through Admin panel
- Category addition, update, delete through Admin panel
- Displaying top selling products, total sales
- Order Management

Login

Login to account

Enter your email & password to login

Email address *

Password *

☐

Keep me signed in

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Name *

Email address *

Password *



Upload images *



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Table

phpMyAdmin

Server: 127.0.0.1 Database: gearhub_lavarel

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer Central columns

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> addproduct		8	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> admin_login		3	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> cache		0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> cache_locks		0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> cart		4	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> contact		14	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> failed_jobs		0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
<input type="checkbox"/> jobs		0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
<input type="checkbox"/> job_batches		0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> migrations		13	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> newcategory_models		6	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
<input type="checkbox"/> orders		13	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> orders_items		9	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> password_reset_tokens		0	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> register_user		27	InnoDB	utf8mb4_unicode_ci	16.0 KiB	-
<input type="checkbox"/> sessions		1	InnoDB	utf8mb4_unicode_ci	48.0 KiB	-
<input type="checkbox"/> users		0	InnoDB	utf8mb4_unicode_ci	32.0 KiB	-
17 tables	Sum	98	InnoDB	utf8mb4_general_ci	368.0 KiB	0 B

☐ Check all With selected:








Print Data dictionary

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Product addition

GEARHUB ⏪

Search here... 🔍


 **No user**
Please login


MAIN HOME


 **Dashboard** ^


◇ Home


ALL PAGE


 Ecommerce ▾


 Category ▾


 Attributes ▾

 Order ▾


 User ▾


 Roles ▾


 Gallery


 Report

SETTING

 Location ▾

 Setting

 Login

 Pages ▾

Add Product Dashboard > Ecommerce > /

Product name (required) *

Do not exceed 20 characters when entering the product name.

slug (required) *

Category (required) *

Type (required) *

Brand (required) *

Status (required) *


Do not exceed 20 characters when entering the product name.

Price (required) *

Quantity (required) *


Description (required) *


Upload images (required)



Drop your images here or select [click to browse](#)

You need to add at least 4 images. Pay attention to the quality of the pictures you add, comply with the background color standards. Pictures must be in certain dimensions. Notice that the product shows all details

 [Download](#) [Click to browse](#) No file chosen

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Product Category

GEARHUB

⏮

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👤 No user
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⚙

Dashboard > Ecommerce > Product List

Product List





























💡 Tip search by Product ID: Each product is provided with a unique ID, which you can rely on to find the exact product you need.

Showing 10 entries

Search here...

🔍

+ Add new

Product	Product ID	Price	Quantity	Brand	Type	Start date	Action
 Samsung Galaxy S20	1	2234.00	234	samsung	Trending	2024-05-28 14:28:59	  
 updatedj	4	76.00	12	UPDATED last	Best Seller	2024-06-25 04:58:17	  
 Iphone 8	5	1200.00	34	Iphone	Trending	2024-06-25 16:37:28	  
 Huwei	6	22000.00	231	Huwei	Trending	2024-06-25 16:40:00	  
 samsung smart tv	7	8000.00	233	samsung	Trending	2024-06-25 16:42:41	  
 LG Smart Tv	8	7778.00	877	LG	Trending	2024-06-25 16:46:53	  
 samsung laptop	9	32232.00	222	samsung	New Arrival	2024-06-25 16:50:15	  








Category Addition

GEARHUB


←

Search here...

Q



No user
Please login



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Category infomation

Dashboard > Category > New category

Category name (required) *

Category name

Slug (required) *

Enter slug

Description (required) *

Enter description

Download this video

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Meta Title *

Enter meta title

Meta Description *

Enter meta description

Meta keywords *

Enter meta keywords

Status (required) *

status



Category List

GEARHUB

Search here...

No user

Please login

MAIN HOME

Dashboard

Home

ALL PAGE

Ecommerce

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Attributes

Order

User

Roles

Gallery

Report

SETTING

Location

Setting

Login

Pages













All category

Dashboard > Category > All category

Showing 10 entries

Search here...

+ Add new

Category	Id	Description	Status	Start date	Action
 Computer & Laptop	5	Explore our wide range of computers and laptops, from high-performance desktops to portable notebooks. Whether you're a gamer, a professional, or a student, find the perfect computer and laptop to suit your needs.	Active	2024-05-25 12:47:59	  
 Smartphone & Tablets	6	Explore our extensive range of smartphones and tablets, featuring the latest models and top brands. Whether you're looking for the newest smartphone or a versatile tablet, we have the perfect device for your needs.	Active	2024-05-25 12:49:48	  
 Home Accessories	7	Discover our wide selection of home accessories to enhance and beautify your living space. From stylish decor to practical storage solutions, find everything you need to create a comfortable and inviting home.	Active	2024-05-25 12:52:33	  

Let's connect!



Thank you for reviewing my work!

If you'd like to see more, or would like to get in touch, my contact information is provided below:

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<https://faisal.exerciseandfitnessaccessories.com/>

Linkedin: <https://www.linkedin.com/in/faisaluiux/>