Killers's Vault Planning Document

PHP

Louisann Borg

PHP TASK 1 BA IDM 5.2

Project Overview

Description: Killers Vault is an e-commerce website that specialises in the sale of Horror franchise memorabilia. It caters to fans and collectors looking for one-of-a-kind items related to the iconic horror series.

Target Audience: Fans of Horror films and collectors.

Goals/Aim: Create an easy-to-use platform for Horror enthusiasts to discover and purchase exclusive Horror-related items.

Scope and Features

Essential Features:

- Account Management
- Product Management (Add, Edit, Delete)
- Product Page (Details, Reviews, Comments, Add to Wishlist, Add to Cart)
- Order Management
- Wishlist
- Shopping Cart
- Review System
- Comment System

Technology Stack

Front End: HTML, CSS, PHP

Databases: PHPMyAdmin

Design and UX

- Dark-themed design inspired by Horror franchises.
- The user flow focuses on simple navigation and quick access to products.

Security and Privacy

- Secure user authentication.
- HTTPS encryption.
- Compliance with GDPR for user data protection.

Content Strategy

- High quality Images and descriptions for each listed product
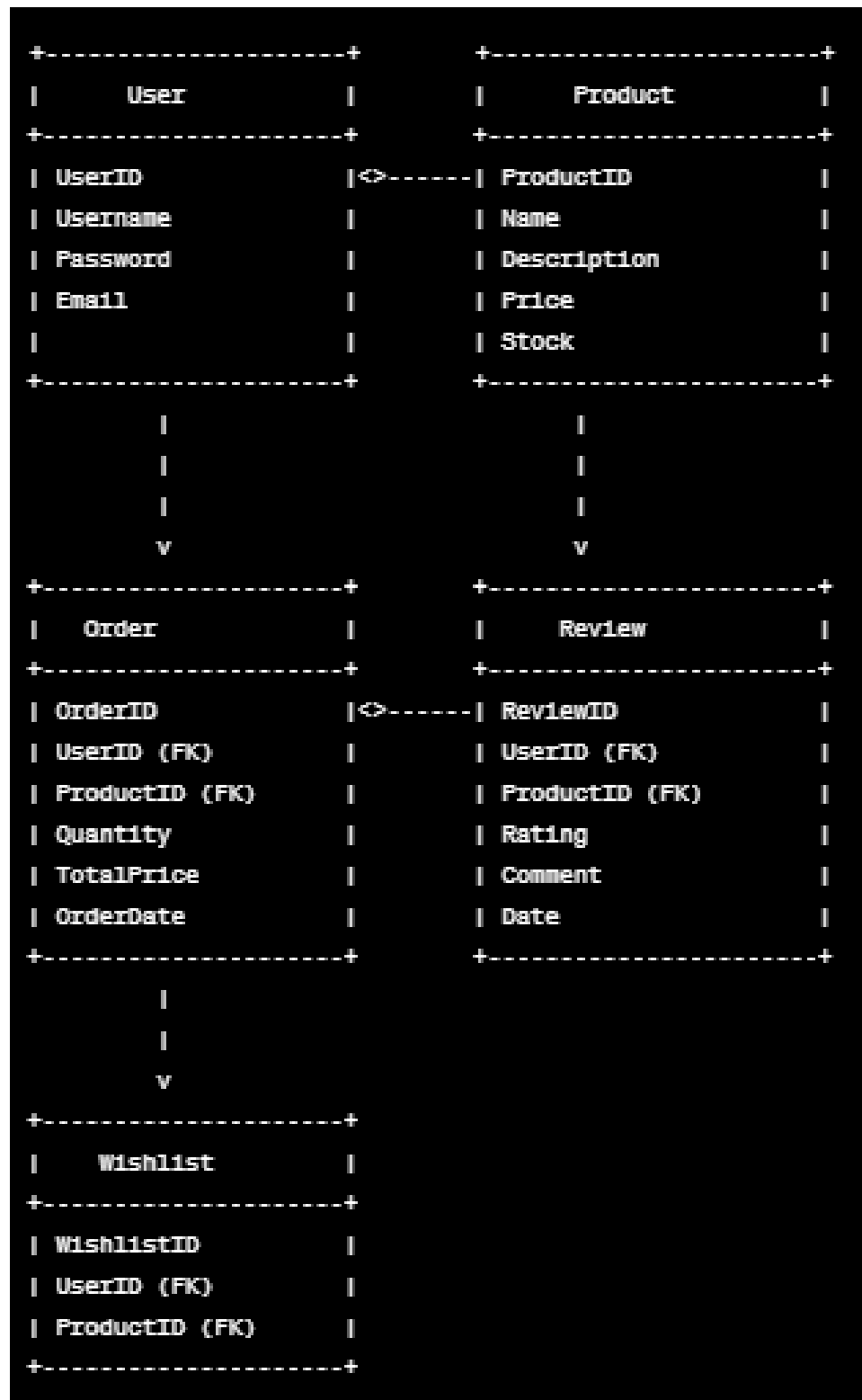- SEO strategy focusing on horror and any related keywords

Responsive Design

- Ensuring a seamless experience between devices

Sitemap

- Home
  - o Account Management
    - Login
    - Register
    - Profile
    - Logout
  - o Product Management
    - Add Product
    - Edit Product
    - Delete Product
  - o Product Page
    - Product Details
    - Customer Reviews
    - Comments
    - Add to Wishlist
    - Add to Cart
  - o Order Management
    - View Orders
    - Order Details

- - Process Order
  - Wishlist
    - View Wishlist
    - Remove From Wishlist
  - Shopping Cart
    - View Cart
    - Update Cart
    - Checkout
  - Review System
    - Write Review
    - View Reviews
  - Comment System
    - Add Comment
    - View Comments
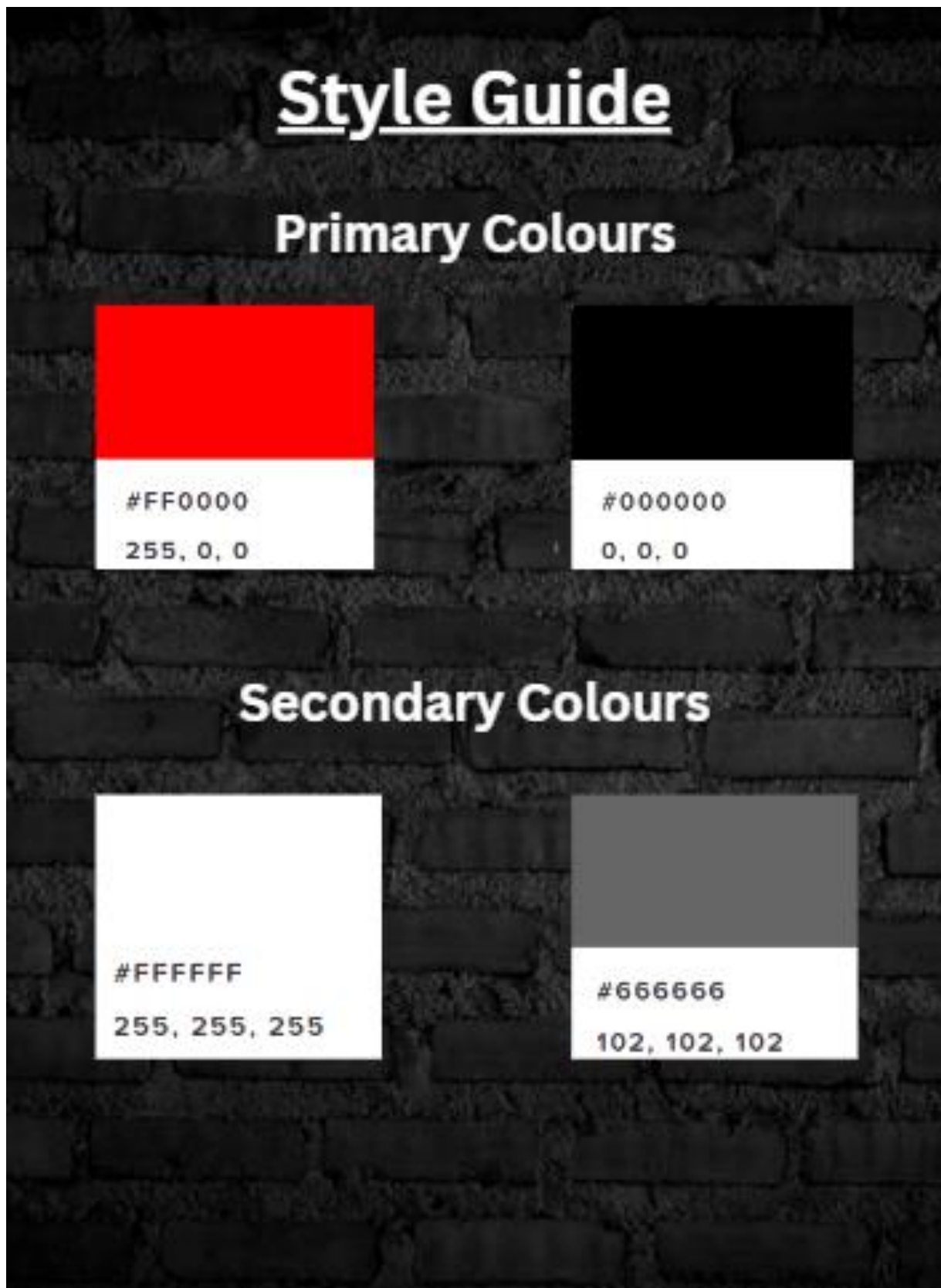 - Contact Us
  - About Us

UML Diagram

```
+------------------------+          +------------------------+
|         User           |          |        Product         |
+------------------------+          +------------------------+
| UserID                 |<>------| ProductID              |
| Username               |          | Name                   |
| Password               |          | Description            |
| Email                  |          | Price                  |
|                        |          | Stock                  |
+------------------------+          +------------------------+
            |                                   |
            |                                   |
            |                                   |
            v                                   v
+------------------------+          +------------------------+
|        Order           |          |        Review          |
+------------------------+          +------------------------+
| OrderID                |<>------| ReviewID               |
| UserID (FK)            |          | UserID (FK)            |
| ProductID (FK)         |          | ProductID (FK)         |
| Quantity               |          | Rating                 |
| TotalPrice             |          | Comment                |
| OrderDate              |          | Date                   |
+------------------------+          +------------------------+
            |
            |
            v
+------------------------+
|       Wishlist         |
+------------------------+
| WishlistID             |
| UserID (FK)            |
| ProductID (FK)         |
+------------------------+
```

IPO Chart

	Input	Process	Output
Account Management	User Credentials (login, register), Profile Information	Validate Credentials, Manage user date	Successful Login, Registration, Updated Profile
Product Management	Product Details (name, description, price, stock)	Add, edit or delete products	Product added, edited or deleted
Product Page	Product selection, User Reviews, Comments	Display Product Details, reviews and comments	Product Details, Reviews and Comments
Order Management	Selected Products, User Details	Process Orders and Update Stock	Order Confirmation, Updated Stock
Wishlist	Selected Products	Add, remove from Wishlist	View Wishlist, successful addition or removal
Shopping Cart	Selected Product, User Details	View, Update and checkout items	View cart, successful update and order placement
Review System	Product Selection, user review	Submit and display product reviews	Successful submission and

			display of reviews
Comment System	Product Selection, user comments	Submit and display product comments	Successful submission and display of comments

Style Guide