**COSC 304 Project**

**GameVault**

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**1.1 Mission Statement**

GameVault will provide customers with exclusive games from different eras on various gaming platforms. Additionally, several accessories are also available to enhance their experience.

**1.2 Purpose of Document**

This document will show users how to navigate through the website**,** giving a walkthrough of both administrator and user experience.

**1.3 Executive Summary**

GameVault is an innovative online game marketplace designed to redefine the gaming experience for enthusiasts and casual players alike. In a rapidly growing industry, GameVault distinguishes itself by offering a comprehensive platform that caters to the diverse needs of the gaming community.

Development Project Features List Template

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Final Overall System Features** | **Category** | **Possible Points** | **Points** | **Comments / Code Files** |
| **Documentation (15 total points)** | | | | |
| Executive Summary (up to 1 page) | Core | 2 |  | Done in Project Summary |
| System Features (2 pages) | Core | 2 |  | Done in Project Summary |
| List of Web and AI sources used | Core | 3 |  | Copilot, ChatGPT |
| Walkthrough with screenshots (up to 15 pages) | Core | 8 |  | Done in Project Summary |
|  | | | | |
| **Hosting (10 total points)** | | | | |
| Running on cloud server | Advanced | 10 |  |  |
|  | | | | |
| **Main/Home Page (up to 14 total points)** | | | | |
| Search for a product by name | Core | 1 |  | Done in listprod.jsp |
| Browse products by category | Core | 1 |  | Done in listprod.jsp |
| List products (by search/browse) | Core | 1 |  | Done in listprod.jsp |
| List products with image | Core | 1 |  | Done in product.jsp |
| Page header with menu | Basic | 1 |  | Done in index.jsp |
| Page header shows current logged in user | Basic | 1 |  | Done in index.jsp |
| Dynamic products on page based on sales | Basic | 2 |  | Done in listprod.jsp |
| Improved UI (user-friendly, images, etc.) | Basic | 2 |  | Done in all files |
| Product recommendation based on user | Advanced | 4 |  |  |
|  | | | | |
| **Shopping Cart (up to 8 total points)** | | | | |
| Add to shopping cart | Core | 1 |  | Done in addcart.jsp |
| View shopping cart | Core | 1 |  | Done in showcart.jsp |
| Update quantity (with data validation) | Basic | 1 |  |  |
| Remove item from shopping cart | Basic | 1 |  |  |
| Improved formatting/UI (e.g. in header bar) | Basic | 1 |  | Done in all files |
| Cart stored in database between sessions | Basic | 3 |  | Done |
|  | | | | |
| **Checkout (up to 9 total points)** | | | | |
| Checkout with customer id | Core | 1 |  | Done in checkout.jsp |
| Checkout with payment/shipment info | Basic | 2 |  | Done in checkout.jsp |
| Checkout with data validation | Basic | 2 |  |  |
| Multiple shipments per order supported | Advanced | 2 |  | Note: Requires DB change. |
| Calculate taxes/shipping (by items/state) | Advanced | 2 |  | Done in order.jsp |
|  | | | | |
| **Product Detail Page (up to 2 total points)** | | | | |
| Product detail page and item description | Core | 1 |  | Done in product.jsp |
| Product detail has an image from database | Core | 1 |  | Done in product.jsp |
|  | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **User Accounts/Login (up to 12 total points)** | | | | |
| Create user account page | Basic | 2 |  |  |
| Create account with data validation | Basic | 2 |  |  |
| Edit user account info (address, password) | Basic | 2 |  |  |
| Login/logout | Core | 1 |  | Done in login.jsp |
| Register user/Forgot password email | Advanced | 4 |  |  |
| Page listing all orders for user | Core | 1 |  |  |
|  | | | | |
| **Product Reviews (up to 5 total points)** | | | | |
| Ability to enter a review on a product | Basic | 2 |  |  |
| Display product review on product detail page | Basic | 1 |  |  |
| Restrict to one review per user on item purchased | Advanced | 2 |  |  |
|  | | | | |
| **Warehouses/Inventory (up to 5 total points)** | | | | |
| Display item inventory by store/warehouse | Basic | 2 |  |  |
| Edit item inventory by store/warehouse | Advanced | 3 |  |  |
|  | | | | |
| **Administrator Portal (up to 19 total points)** |  |  |  |  |
| Secured by login | Core | 1 |  | Done in admin.jsp |
| List all customers | Core | 1 |  | Done in admin.jsp |
| List report showing total sales/orders | Core | 1 |  | Done in admin.jsp |
| Report with a graph | Advanced | 3 |  |  |
| Add new product | Basic | 2 |  |  |
| Update/delete product | Basic | 2 |  |  |
| Change order status/ship order | Basic | 1 |  |  |
| Upload a photo to file system for product | Advanced | 2 |  |  |
| OR: Upload a photo to database for product | Advanced | 4 |  |  |
| Database restore with SQL script | Basic | 2 |  |  |
| Add/update warehouse, customer | Basic | 2 |  |  |
|  |  |  |  |  |
| **Database System/General** |  |  |  |  |
| Implement some validation using triggers | Advanced | 2 |  |  |
| Use AJAX for some pages | Advanced | 4 |  |  |
| User interface and navigation/usability |  | Up to 5 |  |  |
| *Others (your suggestions)* |  | Up to 5 |  | Done in all |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| **Total: (out of 50 with maximum of 10 bonus marks. i.e. 60 points out of 50 is max.)** |  |  |  |  |