|  |  |
| --- | --- |
| **Project – External Documentation** |  |
| COMP6114  Pattern Software Design |
| Even Semester Year 2022/2023 |

* Project Title

KPopZtation

* Introduction

In KPopZtation project, the goal is to create a Domain Driven Design (DDD) website using ASP.NET. The website is separated into multiple layers, view to see the user interface, controller to validate user’s inputs and delegating to lower layers, handler to handle all business logic, repository to manipulate database and model, factory to create new objects, and finally model to represent the concepts in the project. The model is created based on the Entity Relationship Diagram (ERD) given.

* Report / Documentation

1. **Login Page**

In this page, guests can login using their email and password according to the database, and they can check the remember me checkbox to set a cookie. If the guest enters the wrong data, then it will show error message.

A screen shot of a computer

Description automatically generated

1. **Register Page**

In this page, the guest can register with each fields filled, if the validation is successful then the user can login with that data, but it will show error message for each failed fields that doesn’t meet the requirement.

A screen shot of a computer

Description automatically generated

1. **Navigation Bar**

There are three navigation bars below, the first one for guests to login and register. Next is for the user to see cart, see transaction history, update their profile, and log out. Finally, the navigation bar for admin allows them to see transaction report, update admin profile, and logout.

A screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A picture containing text, screenshot, software, display

Description automatically generated

1. **Home Page**

In this page, the user can see artists and it will redirect them to artist detail if the card is clicked. While as admin, it allows them to add new artist and update or delete existing artists.

A picture containing text, screenshot, software, display

Description automatically generated

A screenshot of a computer

Description automatically generated

1. **Artist Detail Page**

In this page, the user can see the details of the artist and their respective albums and album details. The user is redirected to Album Detail if the card is clicked. For admins, they can insert new albums to the artist, update the current ones, and delete albums.

A picture containing text, screenshot, software, multimedia software

Description automatically generated

A picture containing text, screenshot, software, display

Description automatically generated

1. **Insert Artist Page**

In this page that only the admin has access to, they can insert new artist by name and the image. The name should only be unique and the image is < 2 Mb.

A picture containing text, screenshot, software, display

Description automatically generated

1. **Update Artist Page**

In this page that only the admin has access to, they can update the name of the artist, and replace the image, with the same validations as insert artist.

A picture containing screenshot, text, software, multimedia software

Description automatically generated

1. **Insert Album Page**

In this page that only the admin has access to, they can insert new albums according to the fields, each having their own requirements that must be validated. After the validation is successful, then the new album is inserted into the respective artist.

A picture containing text, screenshot, software, display

Description automatically generated

1. **Update Album Page**

In this page that only the admin has access to, the admin can update existing albums’ data, with the same validations as insert album.

A picture containing text, screenshot, software, multimedia software

Description automatically generated

1. **Album Details Page**

In this page, the user can see the details that the album has and add it to their cart according to how many quantities that they want. While the admin can see the details of the album.

A picture containing text, screenshot, software, display

Description automatically generatedA picture containing text, screenshot, software, display

Description automatically generated

1. **Cart Page**

This page that only the customer has access to, allows customer to see the albums in their cart and they can checkout so it will go into transaction history, or remove the item and the stock goes back up.

A picture containing screenshot, text, software, multimedia software

Description automatically generated

1. **Transaction History**

In this page, the customer can see what items they purchased and the details of the album and transaction.

A screenshot of a computer

Description automatically generated

1. **Transaction Report**

In this page that only the admin has access to, they can see the items that the users bought in Crystal Report format, and it will show the data as well as the grand total and subtotal of the transactions.

A picture containing text, screenshot, software, computer

Description automatically generated

1. **Update Profile Page**

In this page, the user can update their profile with each field having the same validation as the register page. While admin can also update their own profile, but we make it all blank so the admin data is anonymous and it doesn’t require real data.

A picture containing text, screenshot, software, display

Description automatically generated

A picture containing screenshot, text, software, display

Description automatically generated

* Reference
* -
* Group Member
* 2540096251 – Nelsen Gabriel
* 2540115521– Christian Gunawan
* 2540118611– Joaquin Arlind