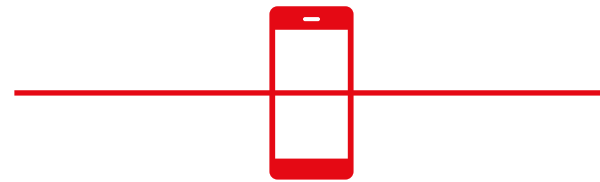


Project Presentation

Mobile & Web Multimedia



 Infomax College of IT & Management

 7th December, 2022

 Presenting To : **Mr. Nishal Gurung**



Mingo Shoes

an e-commerce web application for your footwear

 Being Presented By : **Sandesh Subedi**

 Student ID : **NPI000040**

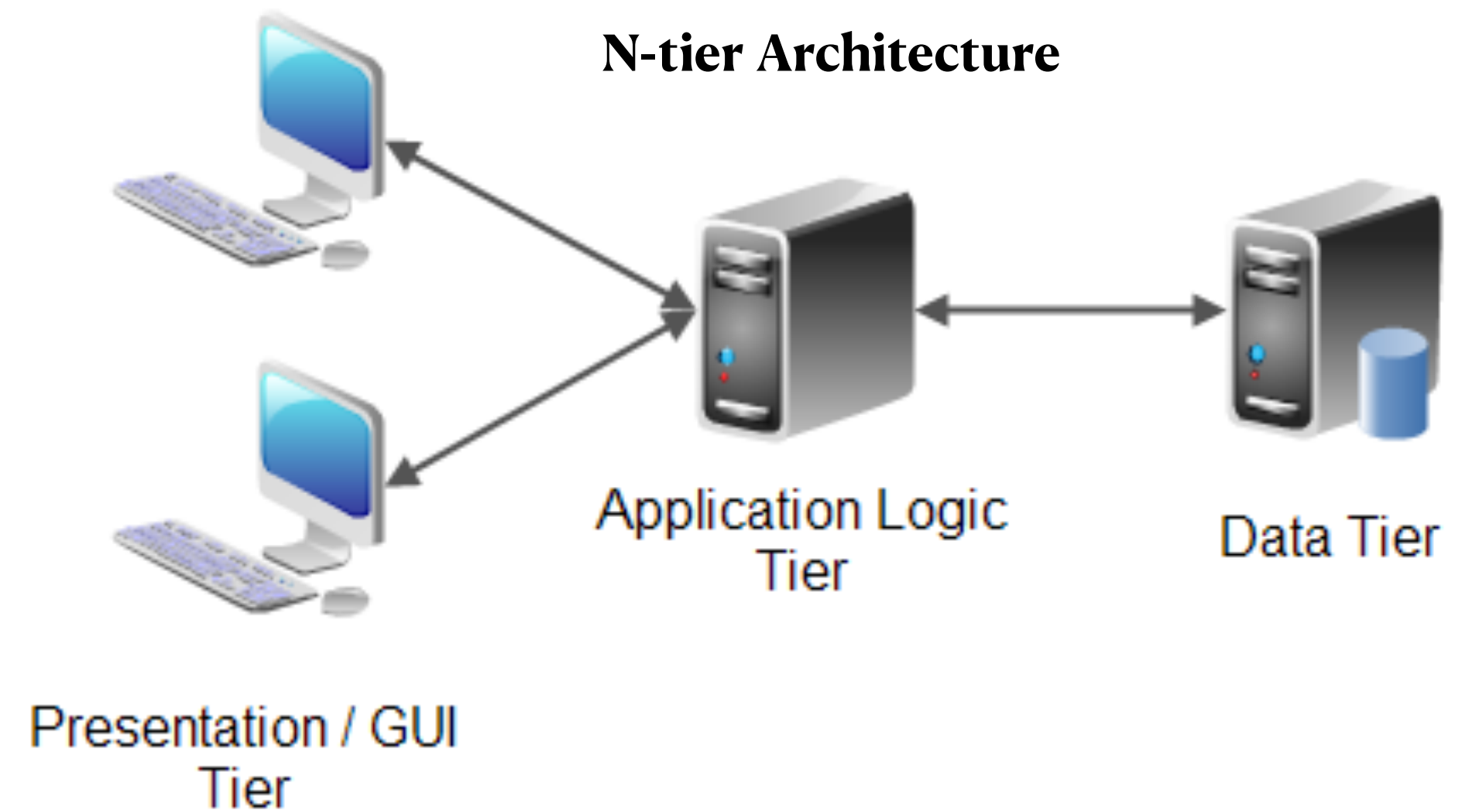


Project Overview

► Web Applications

Program that allows users to connect with remote servers, using web browser interface

► Usage of MVC concept and N-tier architecture



► Provides online footwear shopping experience using advanced .NET technology

Development Tools

- ▶ ASP.NET 6
- ▶ Visual Studio 2022
- ▶ SQL Server Management Studio (SSMS)
- ▶ Handful of .NET packages



Project Aims & Objectives



► Project Aims

- To implement a dynamic retail website that operates on standard browser and has a full-fledged computerized system



► Project Objectives

- To build a futuristic website that will be easy to enhance and maintain
- To design a website that follows design principles and guidelines
- To build a website that is dynamic, interactive and user-friendly

Gantt chart

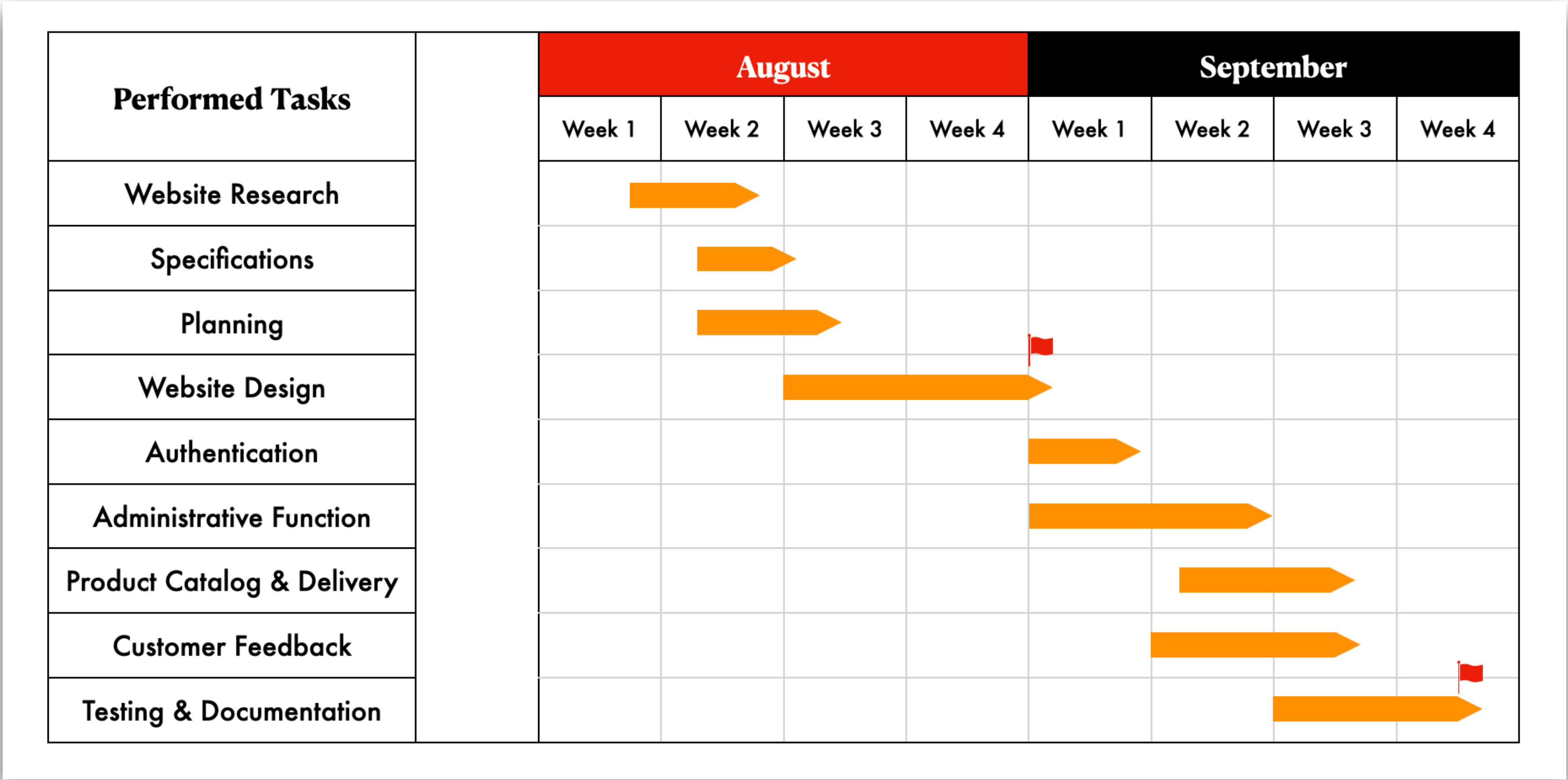
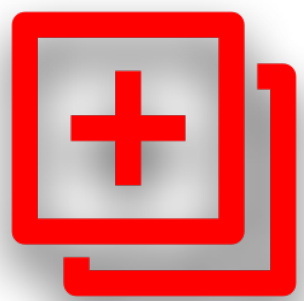


Fig. Gantt chart of Mingo Web Application Development Process

Major Functions



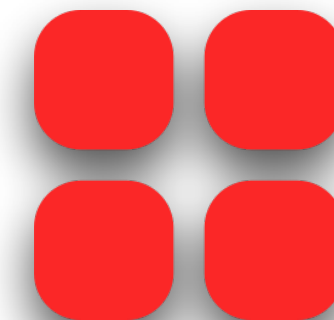
CREATE



UPDATE



DELETE



CATEGORY



CHECK OUT

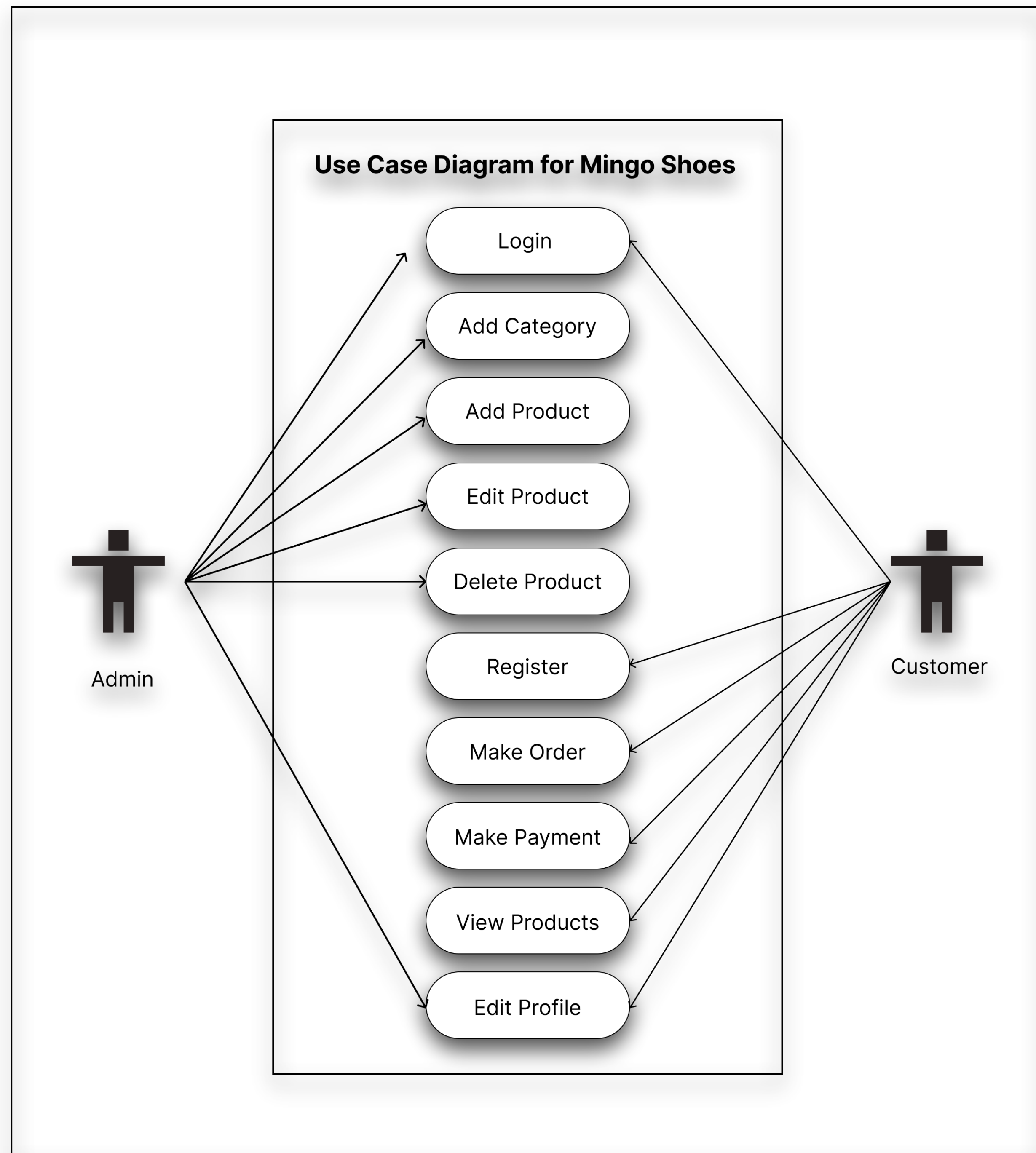
Design Tools & Framework



Fig. Design Tools and Frameworks used for Mingo Web Application

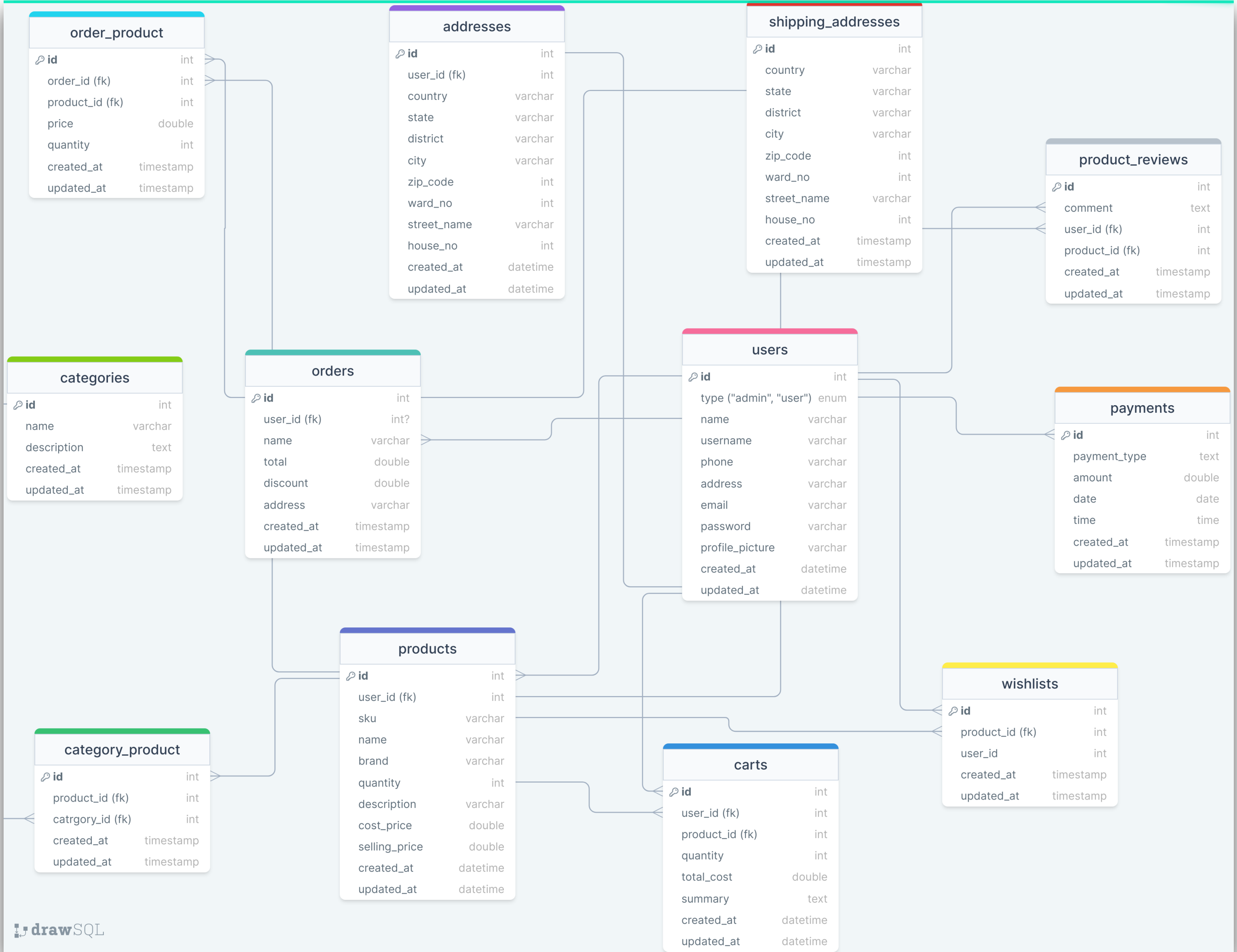
Use Case Diagram

Created in Lucidchart



Database Diagram

Created in drawsql app



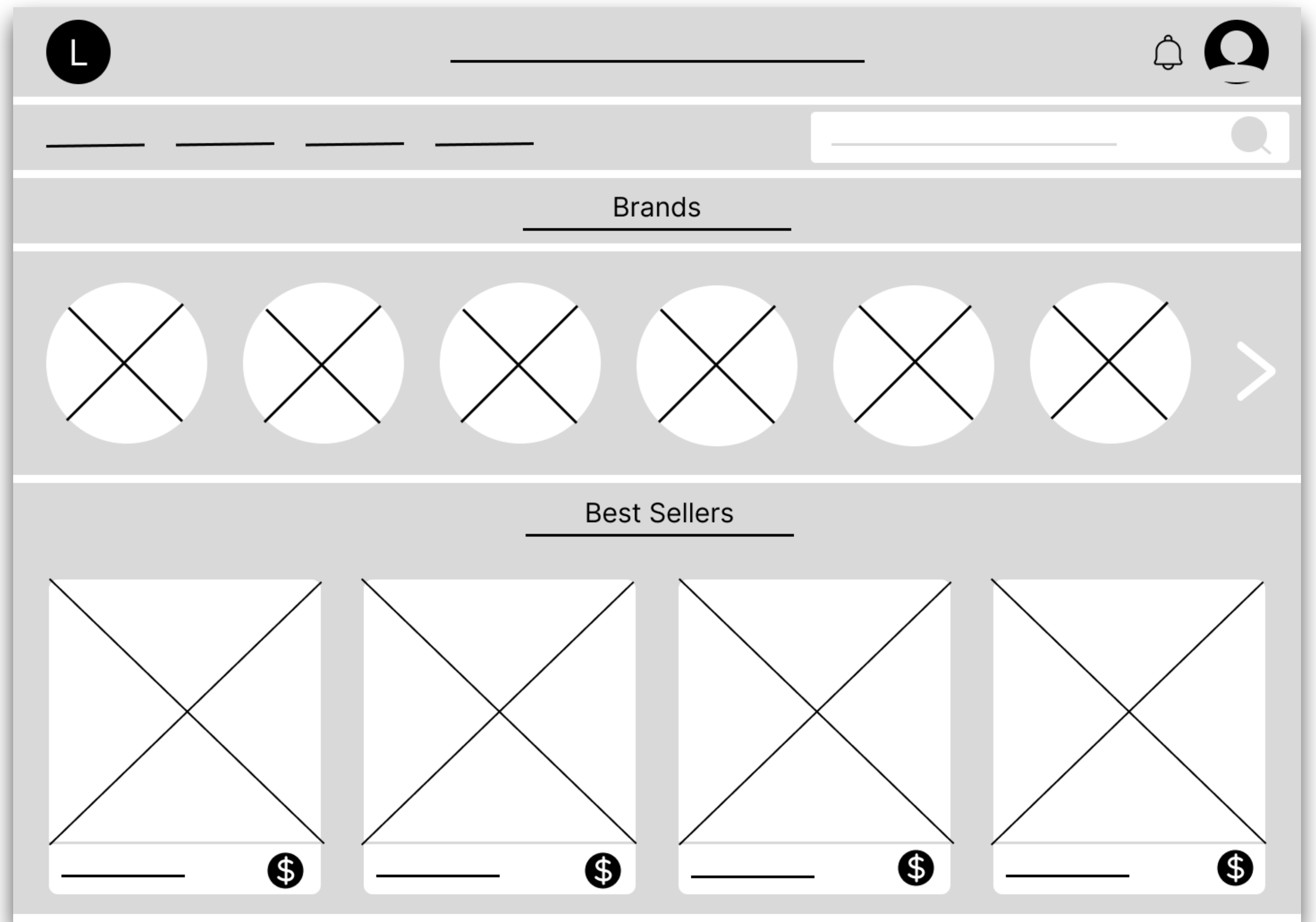
Wireframes

Created in Figma



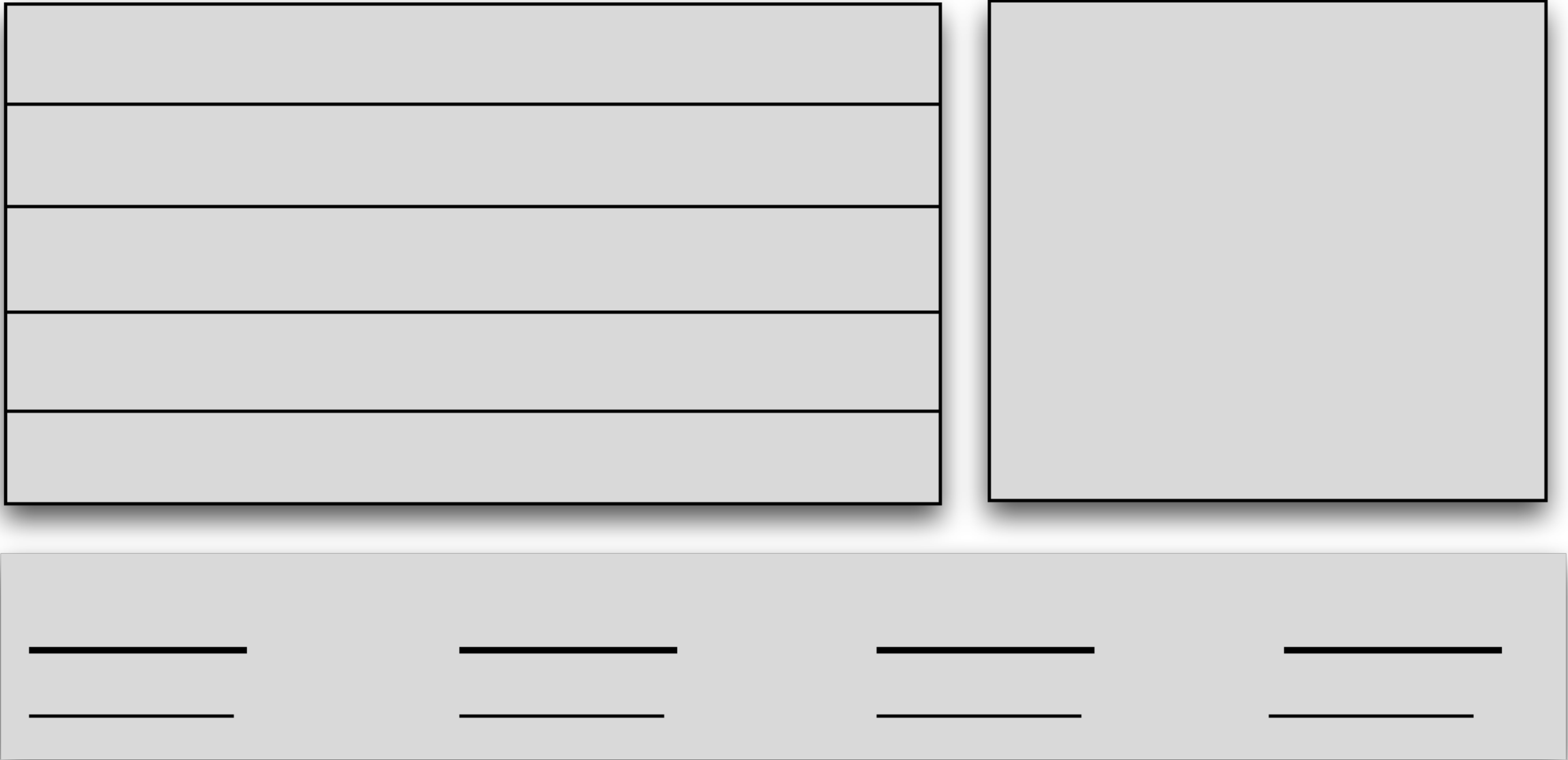
Wireframes

Created in Figma



Wireframes

Created in Figma





User Interface

Created in Visual Studio Code

User Interface

Created in Visual Studio Code

User Interface

Created in Visual Studio Code

Code Implementation

```
using System.ComponentModel;
using System.ComponentModel.DataAnnotations;

namespace MingoShoesWeb.Models
{
    16 references
    public class Category
    {
        [Key]
        3 references
        public int Id { get; set; }
        [Required]
        9 references
        public string Name { get; set; }
        [DisplayName("Display Order")]
        [Range(1, 1000, ErrorMessage = "Display Order must be between 1 and 1000 only!")]
        9 references
        public int DisplayOrder { get; set; }
        0 references
        public DateTime CreateDateTime { get; set; } = DateTime.Now;
    }
}
```

Fig. Key & Form Validation

Code Implementation

```
public string login(string username, string password)
{
    SqlDataAdapter da = new SqlDataAdapter("select * from [user] where username='" + username + "' and password = '" + password + "'", con);

    DataTable dt = new DataTable();
    da.Fill(dt);
    if(dt.Rows.Count>0)
    {
        return "valid username and password";
    }
    else
    {
        return "invalid";
    }

    // return "invalid";
}
```

Fig. User Authentication

Code Implementation

```
@if(TempData["success"] != null)
{
    <script src="~/lib/jquery/dist/jquery.min.js">
    </script>
    <script src="//cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.js"></script>
    <script type="text/javascript">toastr.success('@TempData["success"]')</script>
}
@if(TempData["error"] != null)
{
    <script src="~/lib/jquery/dist/jquery.min.js">
    </script>
    <script src="//cdnjs.cloudflare.com/ajax/libs/toastr.js/latest/toastr.min.js"></script>
    <script type="text/javascript">toastr.success('@TempData["error"]')</script>
}
```

Fig. Toastr Notification

Conclusion

- ▶ **functional, dynamic and interactive web-based application using .NET technology**
- ▶ **an online-retail website that serves people with varieties of footwear products**
- ▶ **user can have a e-commerce experience footwear shopping with plethora of features**

References

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Thank You!

END OF PRESENTATION