SYSTEM DESIGN

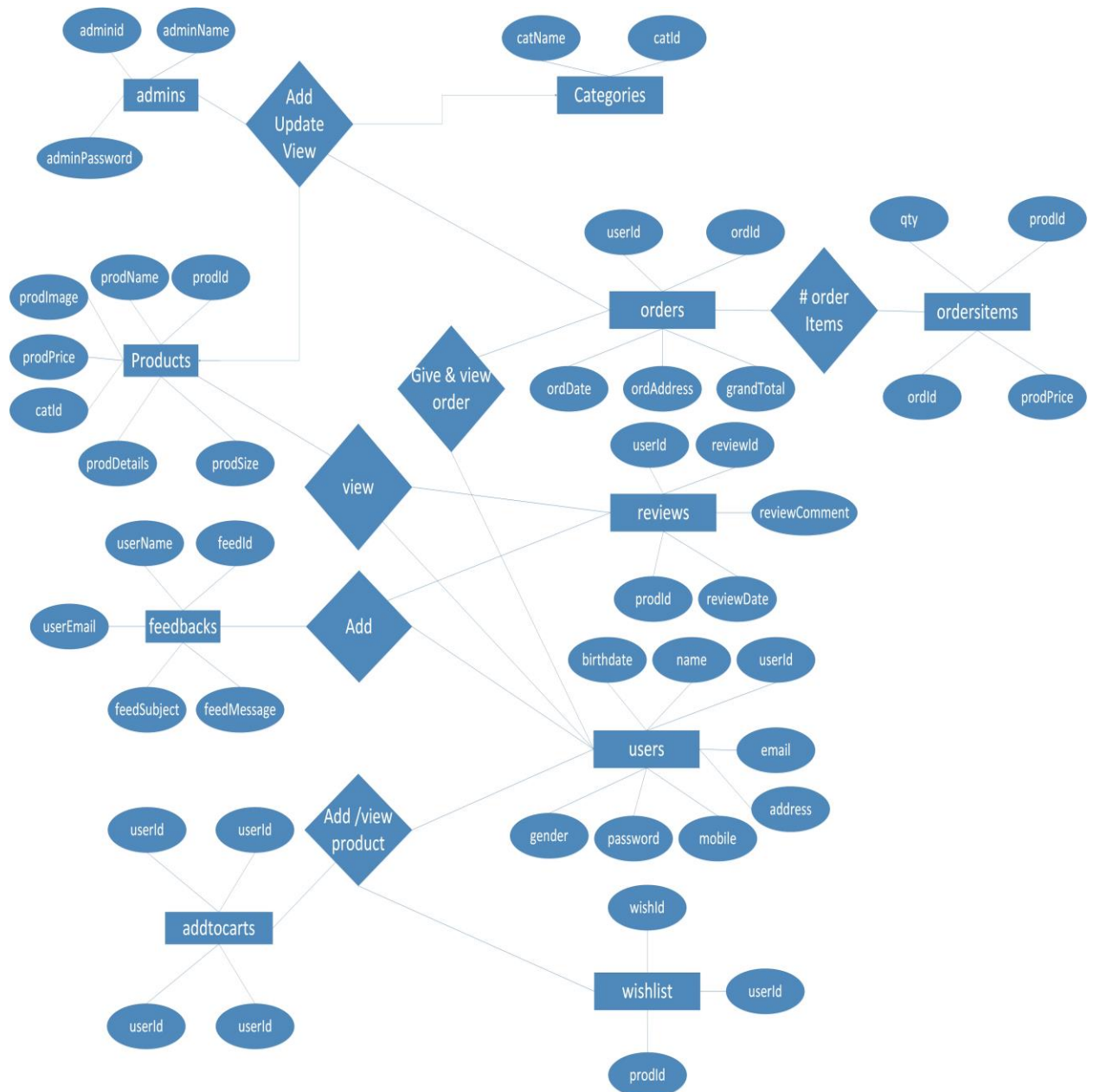## 5.1 SYSTEM ARCHITECTURE DESIGN:

5.1.1 ER Diagram :

Figure 5.1: E – R Diagram

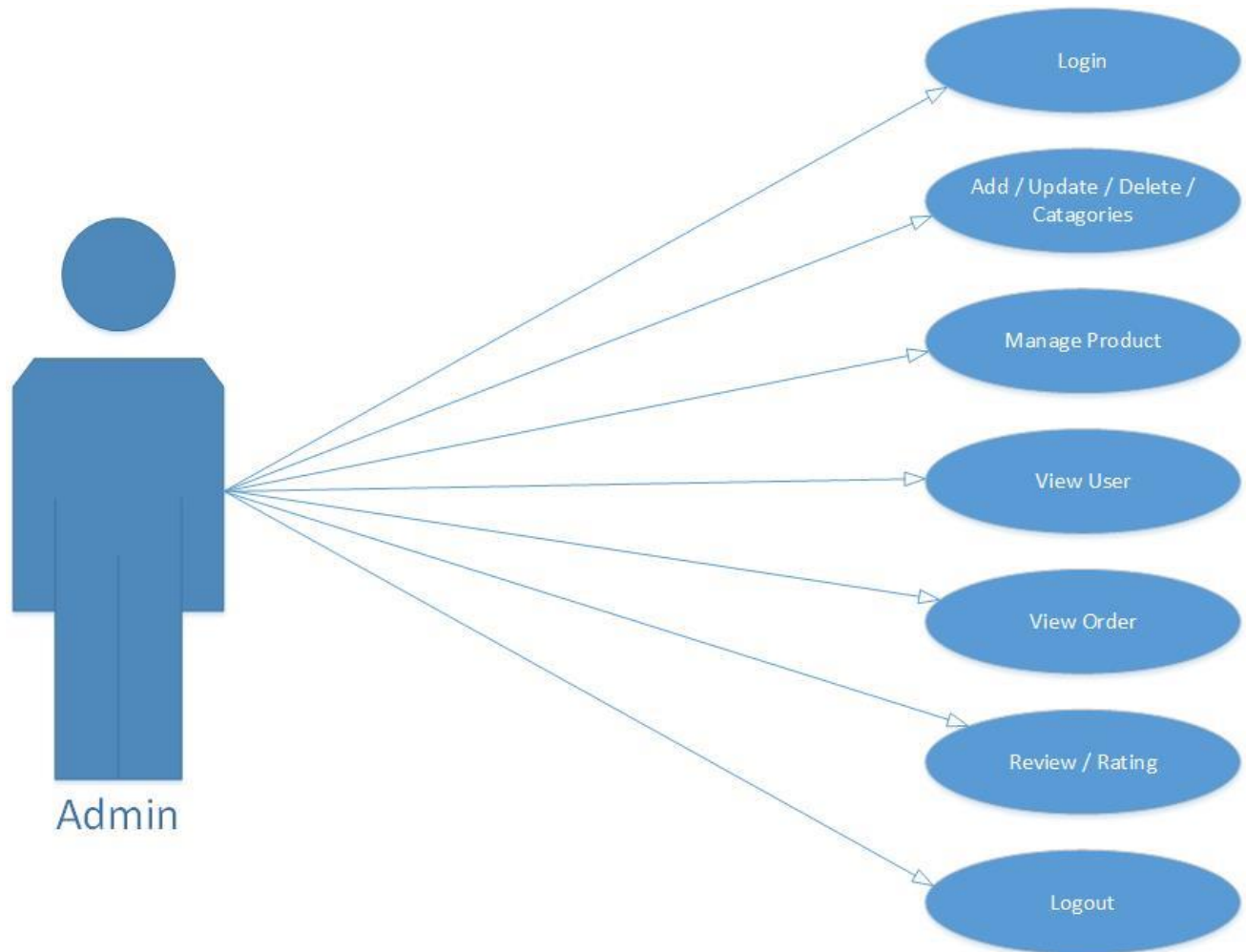## 5.1.2 Use case Diagram:

a) **Admin :**
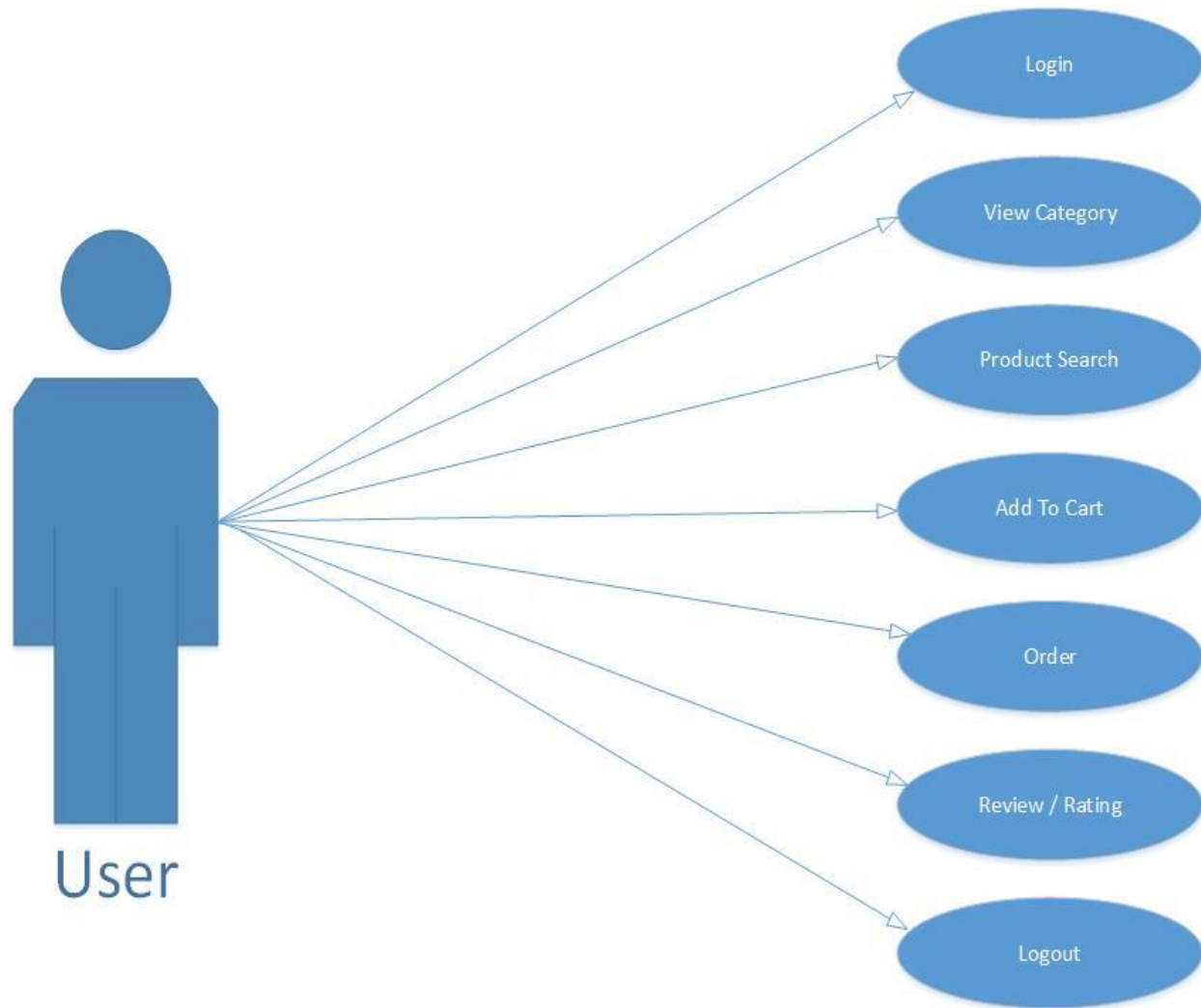

Figure 5.2: Use case Diagram for Admin

b) Register User:

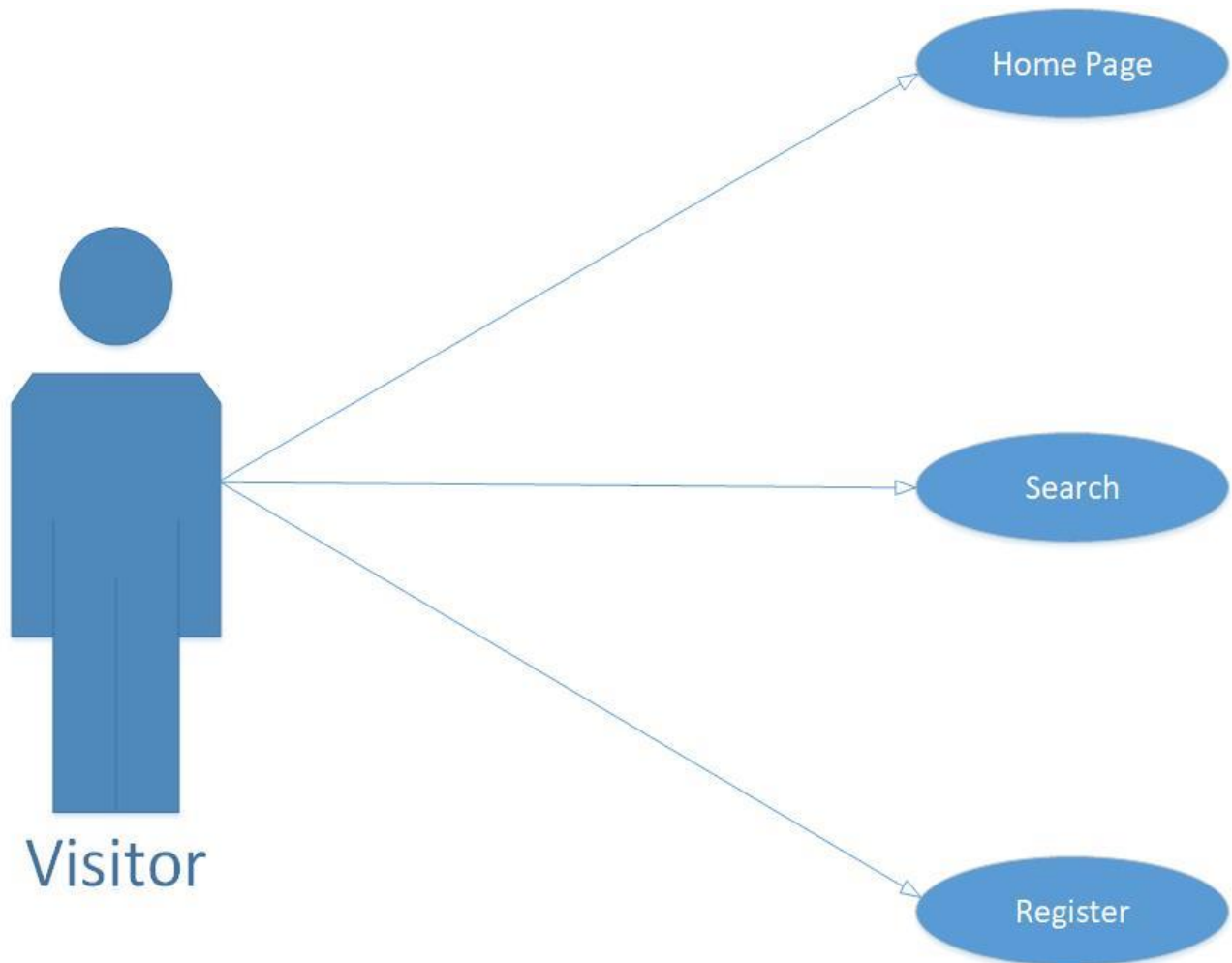*Figure 5.3: Use case Diagram for Register*

c) **Visitor :**

Figure 5.4: Use case Diagram for Visitor

5.1.3 Data Flow Diagram:

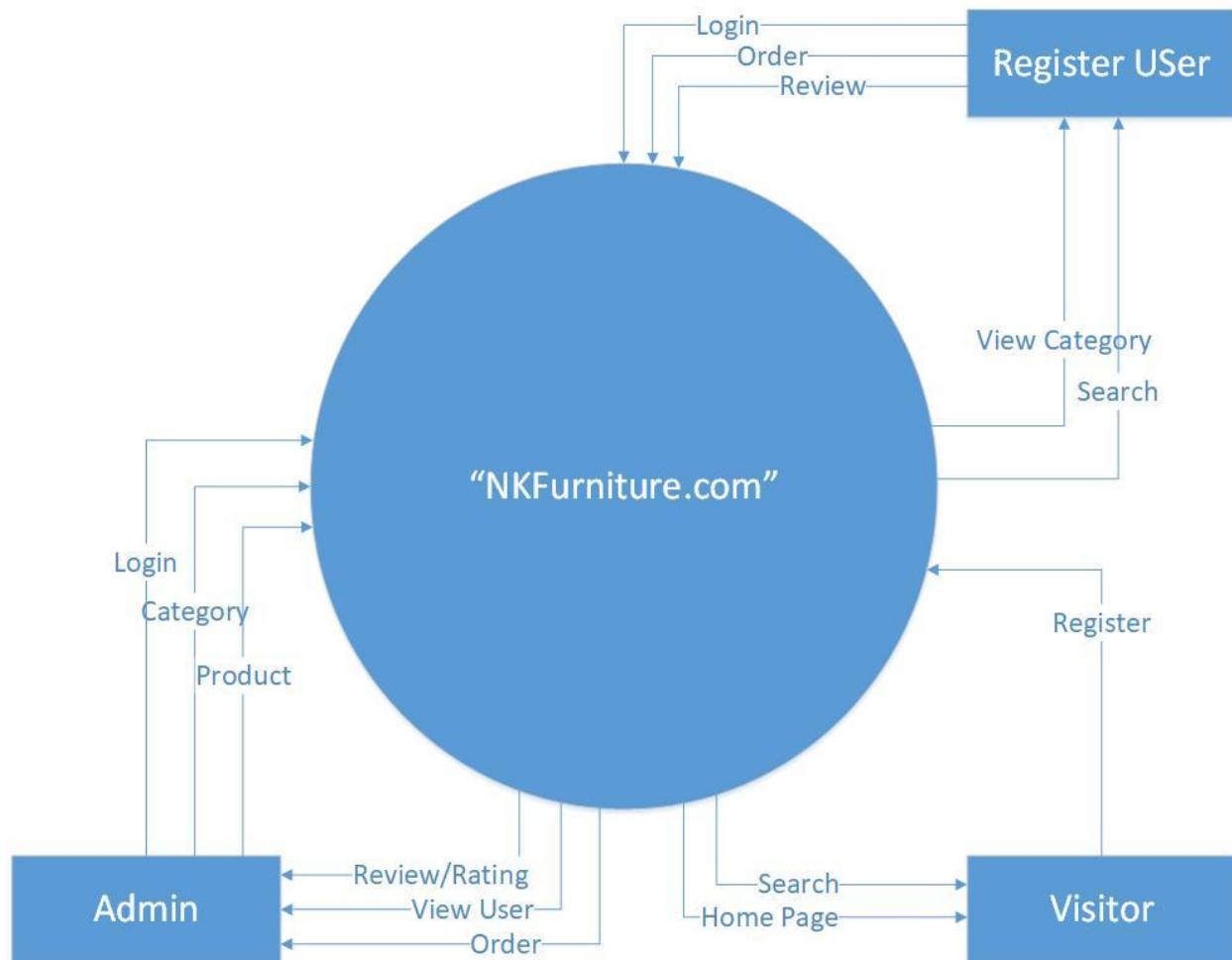### a) Context Diagram :
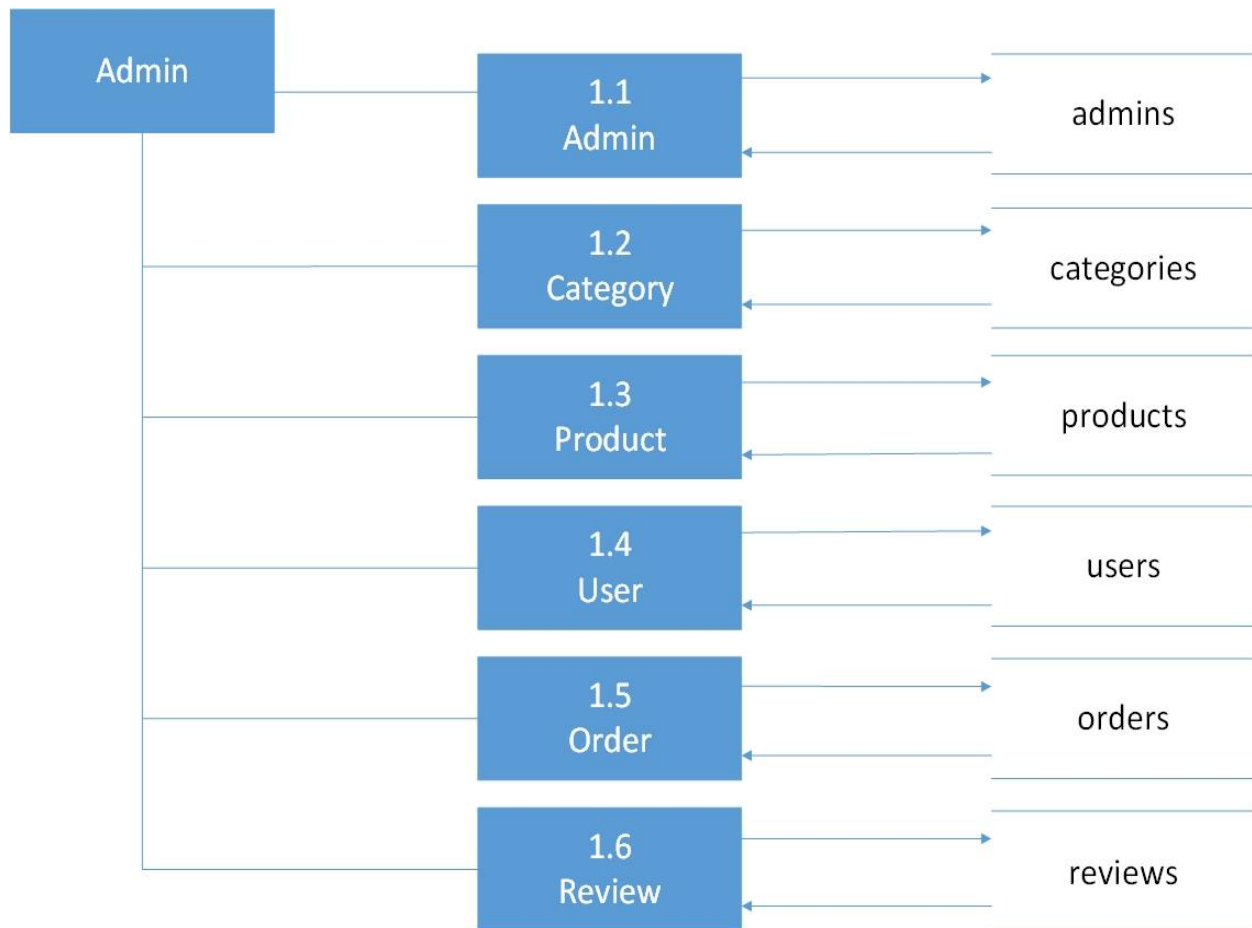

Figure 5.5: Context Diagram

Level 1 Data Flow Diagram :

   a)   **Admin :**
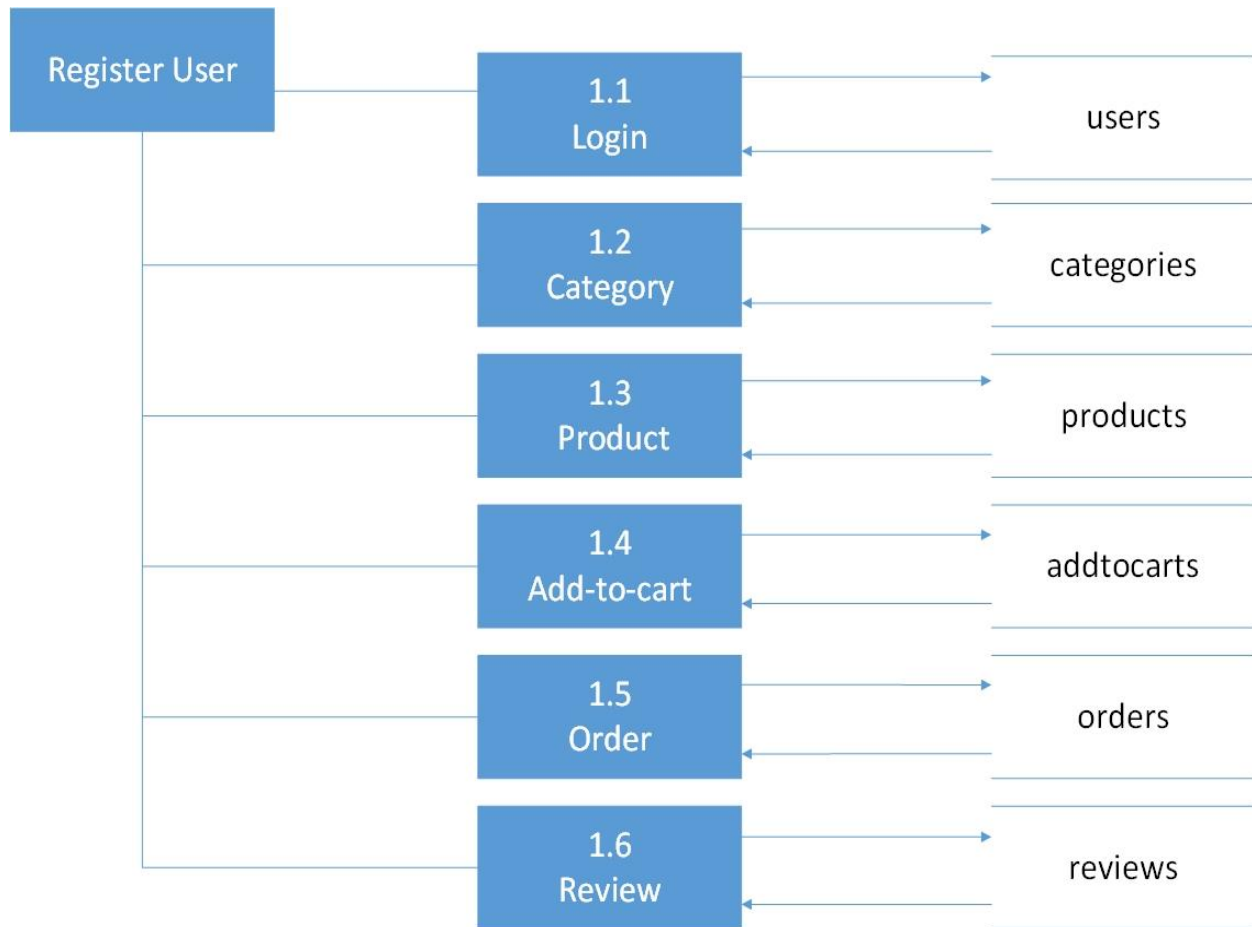

Figure 5.6: 1 - Level Data Flow Diagram

b) Register User :

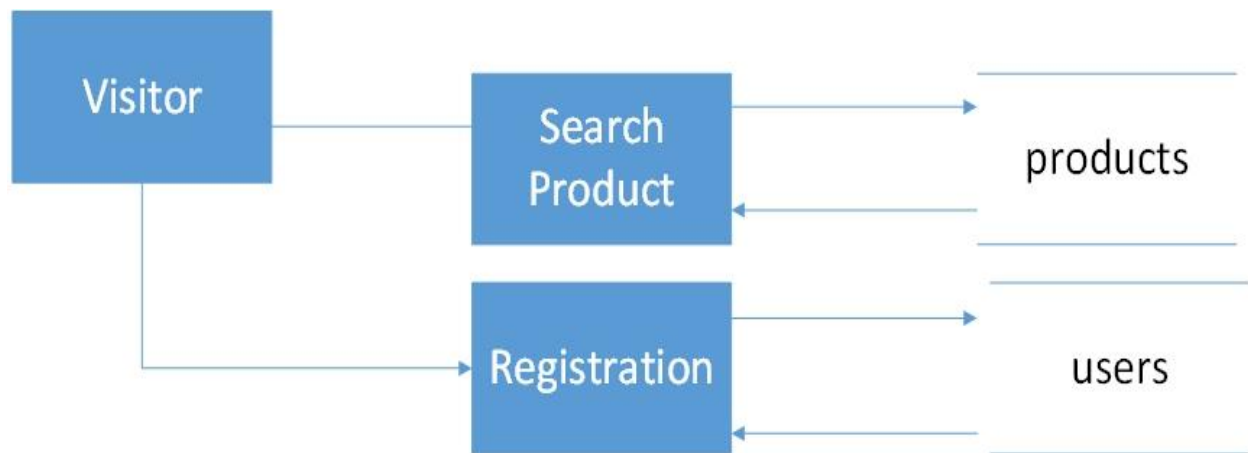*Figure 5.7: 1 - Level Data Flow Diagram*

c) **Visitor :**

Figure 5.8: 1 - Level Data Flow Diagram

5.1.4   Activity Diagram :
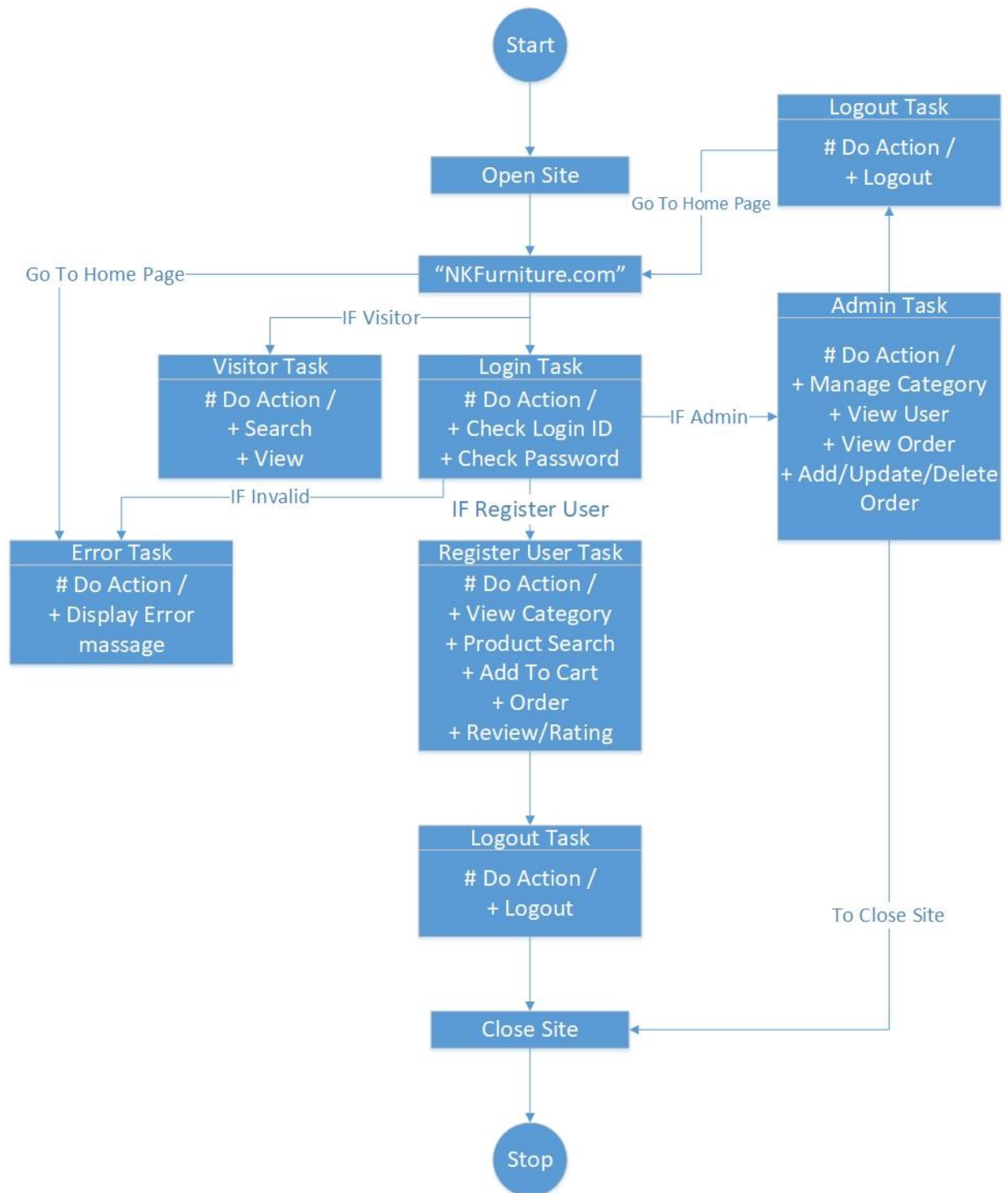

Figure 5.9: Activity Diagram

5.2 DATA DICTIONARY

Table Name: admins

Description: Store admin details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	adminId	Int	5	Primary key	Id of admin
2	adminName	Varchar	50	Not null	Name of admin
3	adminPassword	Varchar	50	Not null	Password of admin
4	adminEmail	Varchar	50	Unique	Email of admin

Table Name: users

Description: Store user details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	userId	Int	5	Primary key	Id of user
2	name	Varchar	50	Not null	Name of user
3	birthdate	date	_	Not null	Birthdate of user
4	gender	Varchar	50	Not null	Gender of user
5	password	Varchar	50	Not null	Password of user
6	mobile	Varchar	15	Unique	Mobile no of user
7	address	Varchar	50	Not null	Address of user
8	email	Varchar	50	Unique	Email of user

Table Name: products

Description: Store product details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	prodId	Int	5	Primary key	Id of product
2	prodName	Varchar	400	Not null	Name of product
3	prodImage	Varchar	100	Not null	Image of product
4	prodPrice	Varchar	11	Not null	Price of product
5	catId	Int	5	Not null	Id of categories
6	prodSize	Varchar	100	Not null	Size of product
7	prodDetails	Varchar	600	Not null	Detail of product

Table Name: orders

Description: Store order details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	ordId	Int	5	Primary key	Id of order
2	userId	Int	5	Not null	Id of user
3	ordDate	date	_	Not null	Date of order
4	ordAddress	Varchar	100	Not null	Address of order
5	grandTotal	Varchar	10	Not null	Total of order

Table Name: orderitems

Description: Store Orderitems details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	ordId	Int	5	Not null	Id of order
2	prodId	Int	5	Not null	Id of user
3	qty	Int	5	Not null	Date of order
4	prodPrice	Int	5	Not null	Address of order

Table Name: categories

Description: Store categorie details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	catId	Int	5	Primary key	Id of categorie
2	catName	Varchar	50	Not null	Name of categorie

Table Name: feedbacks

Description: Store feedbacks details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	feedId	Int	5	Primary key	Id of feedback
2	userName	Varchar	50	Not null	Name of user
3	userEmail	Varchar	50	Unique	Email of user
4	feedSubject	Varchar	50	Not null	Subject of feedback
5	feedMessage	Varchar	300	Not null	Message of feedback

Table Name: addtocarts

Description: Store addtocart details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	cartId	Int	5	Primary key	Id of addtocart
2	prodId	Int	5	Not null	Id of product
3	userId	Int	5	Not null	Id of user
4	prodQty	Varchar	5	Not null	Quantity of product

Table Name: wishlists

Description: Store wishlist details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	wishId	Int	5	Primary key	Id of wishlist
2	prodId	Int	5	Not null	Id of product
3	userId	Int	5	Not null	Id of user
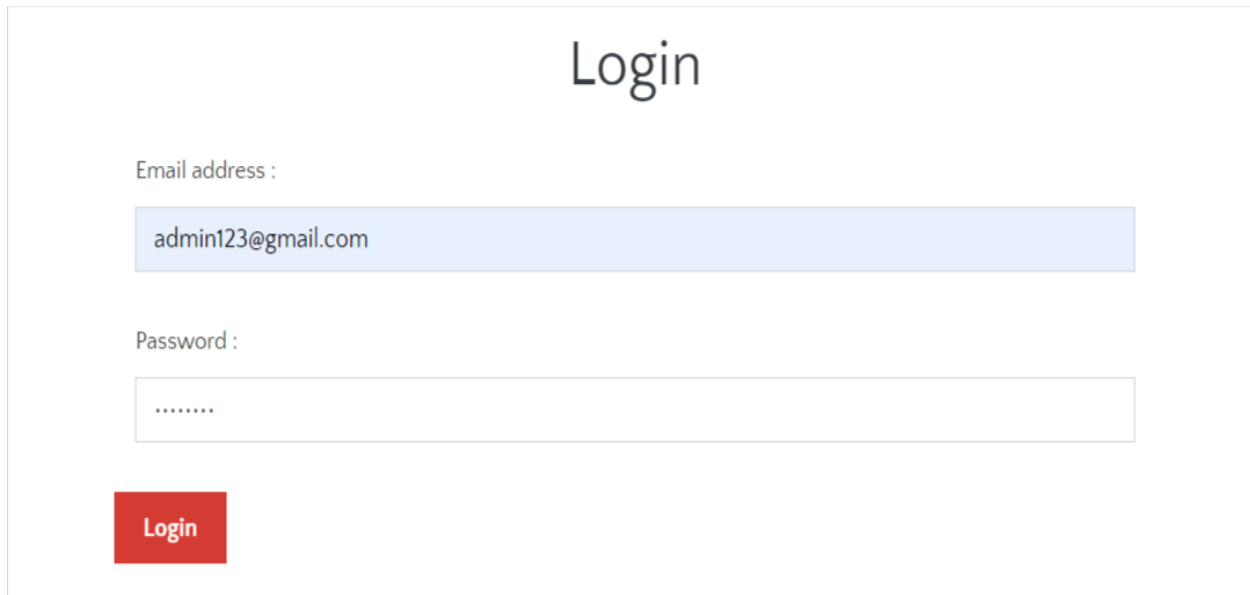
Table Name: reviews

Description: Store review details

SR. No	FIELD NAME	DATA TYPE	SIZE	CONSTRAINT	DESCRIPTION
1	reviewId	Int	5	Primary key	Id of review
2	prodId	Int	5	Not null	Id of product
3	userId	Int	5	Not null	Id of user
4	userComment	Varchar	200	Not null	Comment of review
5	reviewDate	date	_	Not null	Date of review

5.3 Sample code:

Login Design:

Login.php

```php
<?php session_start();

include("connection.php");

?>
<!DOCTYPE html>
<html lang="en">
    <!-- Basic -->
    <head>
        <meta charset="utf-8">
        <meta http-equiv="X-UA-Compatible" content="IE=edge">
        <!-- Mobile Metas -->
```

```html
<meta name="viewport" content="width=device-width, initial scale=1">


<!-- Site Metas -->

<title>NK Furniture</title>

<link rel="icon" href="project_images/img13logo.png" type="x-icon">

<meta name="keywords" content="">

<meta name="description" content="">

<meta name="author" content="">

<!-- Site Icons -->

<link rel="icon" href="project_images/img13logo.png" type="x-icon">

<link rel="apple-touch-icon" href="images/apple-touch-icon.png">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="css/bootstrap.min.css">

<!-- Site CSS -->

<link rel="stylesheet" href="css/style.css">

<!-- Responsive CSS -->

<link rel="stylesheet" href="css/responsive.css">

<!-- Custom CSS -->

<link rel="stylesheet" href="css/custom.css">
```

```
<!--[if lt IE 9]>

<script
src="https://oss.maxcdn.com/libs/html5shiv/3.7.0/html5shiv.js"></script>

<script
src="https://oss.maxcdn.com/libs/respond.js/1.4.2/respond.min.js"></script>

<![endif]-->

<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-
awesome/6.4.0/css/all.min.css">

  </head>

<body>

    <!-- Start Main Top -->

    <?php include('inc\navigationbar.php');?>



    <!-- Start All Title Box -->

    <div class="all-title-box">

      <div class="container">

        <div class="row">

          <div class="col-lg-12">

            <h2>Login</h2>

            <ul class="breadcrumb">

              <li class="breadcrumb-item"><a
href="index.php">Home</a></li>

              <li class="breadcrumb-item active">Login</li>
```

```
                </ul>

              </div>

            </div>

          </div>

        </div>

        <!-- End All Title Box -->


        <!-- Login form start -->

        <div class="contact-box-main" style="margin-left:20%;" >

           <div class="container">

             <div class="row">

               <div class="col-lg-8 col-sm-8" >

                 <div class="contact-form-right">

                    <p class="text-center text-dark" style="font-
size:40px;">Login </p>

                    <form  method="post">

                      <div class="row">

                        <div class="col-md-12">

                          <div class="form-group">

                          <label for="email" class="form-label text-
dark">Email address :</label>

                             <input type="email" class="form-control"
id="one" name="one" placeholder="Enter Email Id" required data-
error="Please enter your Email Id">
```

```
                    <div class="help-block with-errors"></div>

                  </div>

                </div>

                <div class="col-md-12">

                  <div class="form-group">

                  <label for="pass" class="form-label text-
dark">Password :</label>

                      <input type="password" placeholder="Enter
password" id="two" class="form-control" name="two" required data-
error="Please enter your Password">

                      <div class="help-block with-errors"></div>

                  </div>

                </div>

                  <div class="submit-button text-center">

                    <button class="btn hvr-hover" id="login"
name="login">Login</button>

                    <div id="msgSubmit" class="h3 text-center
hidden"></div>

                    <div class="clearfix"></div>

                  </div>

                </div>

              </div>

            </form>

          </div>
```

```php
        </div>

          </div>

        </div>

      </div>

      <!-- Login Form End -->


      <!-- Start Footer -->

    <?php include("inc/footerpart.php");?>

      <!-- End Footer -->
<?php
if(isset($_POST['login']))

{

    $email=$_POST['one'];

    $pass=$_POST['two'];

    $sql_user="select * from users where email='$email'";

    $result_user=mysqli_query($con,$sql_user);

    $row_user=mysqli_fetch_array($result_user);

    $count_user=mysqli_num_rows($result_user);


    $sql_admin="select * from admins where adminEmail='$email'";

    $result_admin=mysqli_query($con,$sql_admin);

    $row_admin=mysqli_fetch_array($result_admin);

    $count_admin=mysqli_num_rows($result_admin);
```

```php
if($count_user)

{

    $upass=$row_user['password'];


    if($pass==$upass)

    {

        $_SESSION['user'] = $row_user;

        echo "<script>window.location.href='index.php'</script>";

    }
    else{

        echo "<script>alert('Invlid Password')</script>";

    }


}
else if($count_admin)

{

    $apass=$row_admin['adminPassword'];


    if($apass==$pass)

    {

        $_SESSION['admin'] = $row_admin;
```
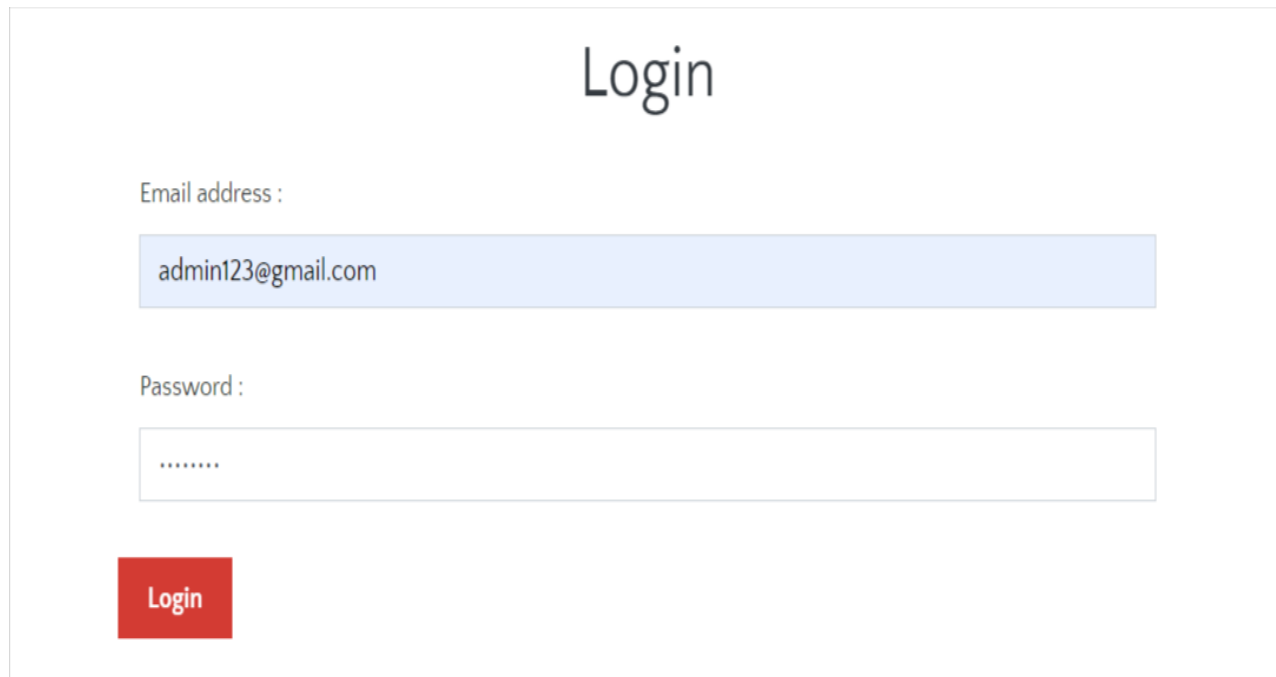
```php
        echo "<script> window.location.href='admin-
homepage.php'</script>";

    }

    else{

        echo "<script>alert('Invlid Password')</script>";

    }

  }

  else{

    echo "<script> alert('Email Id is not register') </script>";

    echo mysqli_error($con);

  }

}

?>
</body>
</html>
```

5.4 Screenshot:

1. ADMIN SIDE:

1.1 Admin Login Page

This is the login page of admin.

1.2 Admin Dashboard

This is a dashboard of admin.

1.3 Admin Category Add

This page for add category.

1.4 Admin Category View
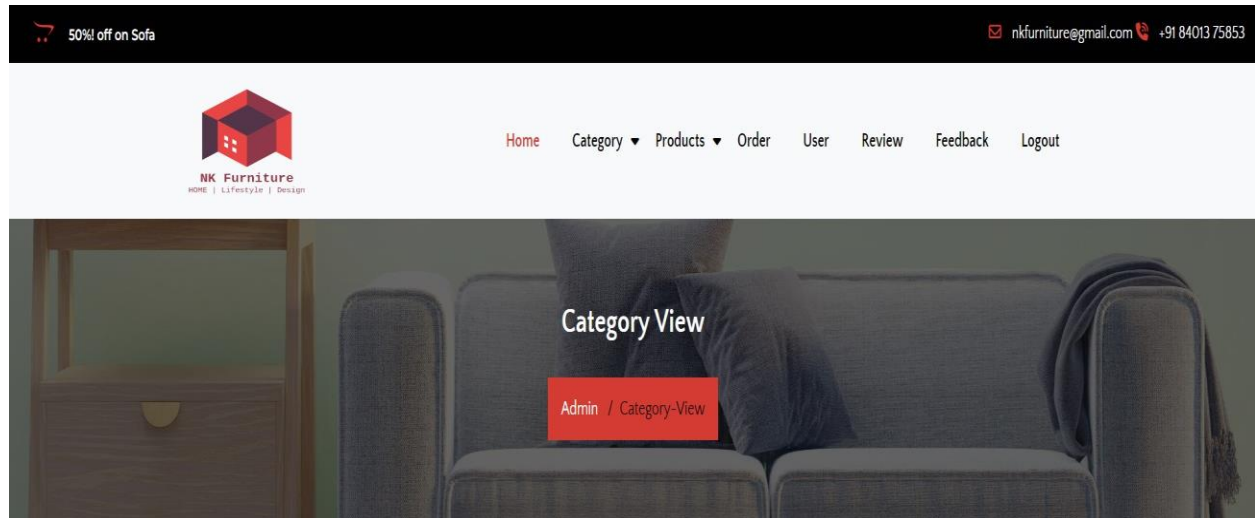
This page for view category.

1.5 Admin Category Update

This page for update category.

1.6 Admin Product Add

This page for add product.

1.7 Admin Product View

This page for view product.

1.8 Admin Product Edit

This page for edit product.

1.9 Admin Order View

This page for view order.
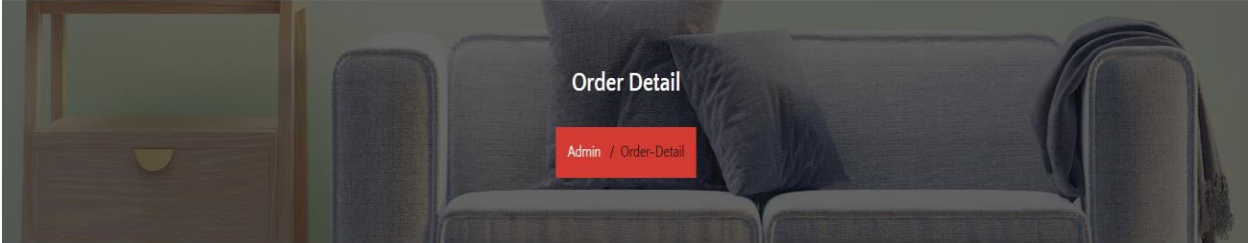
1.10 Admin Order Detail

Order Date	Product Image	Product Name	Quantity	Price
2023-09-13		Savvy Leatherette Upholstered King Size Bed in White Colour	1	44222

This page for view detail of order.

1.11 Admin Review View

This page for view review.

1.12 Admin User View

This page for view user.

1.13 Admin Feedback View

This page for view feedback.

2. REGISTER USER SIDE:

2.1 Register User Login Page

This is the login page of register user.

2.2 Register User Home Page
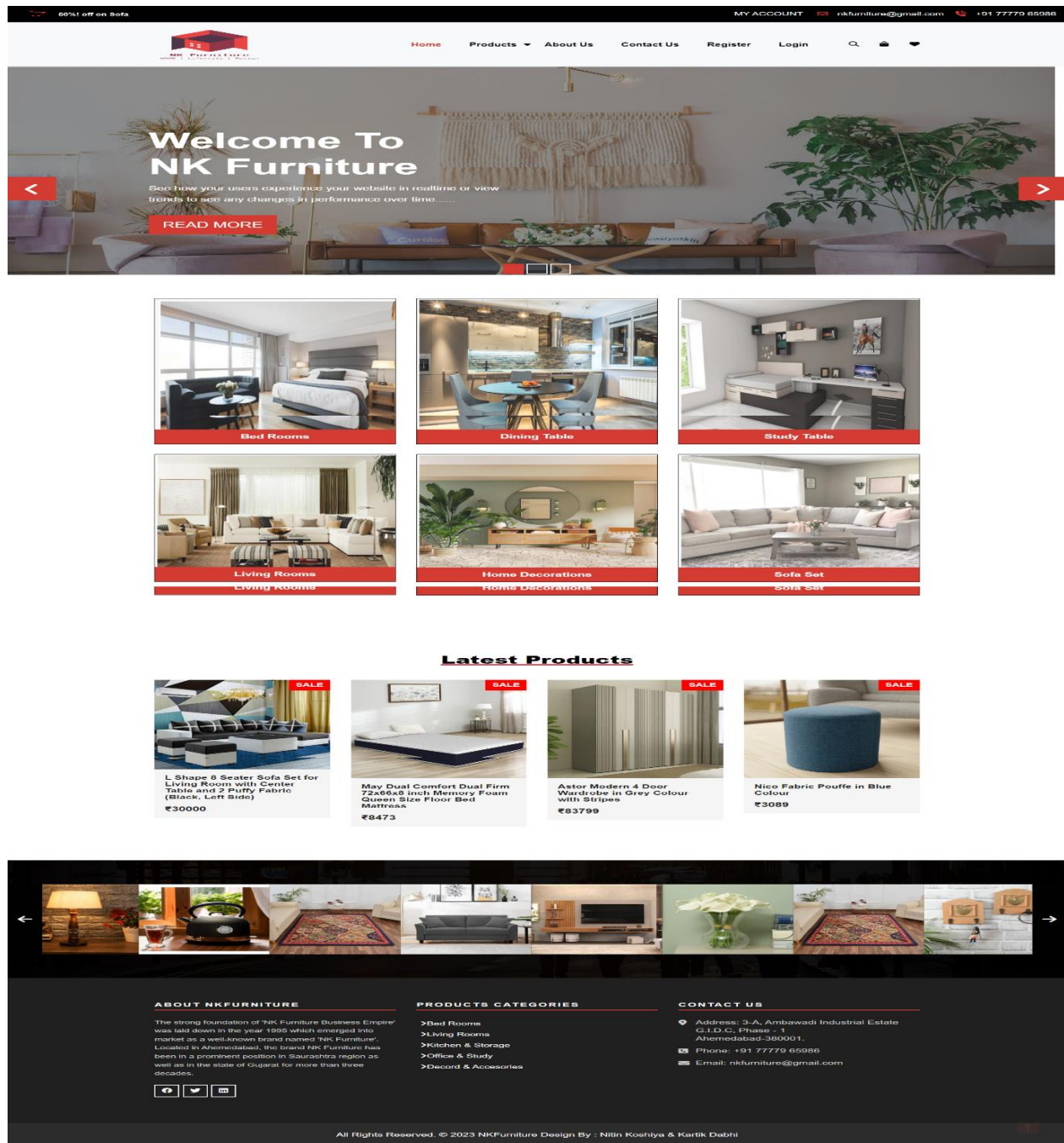
This is home page of register user.

2.3 Register User About Us
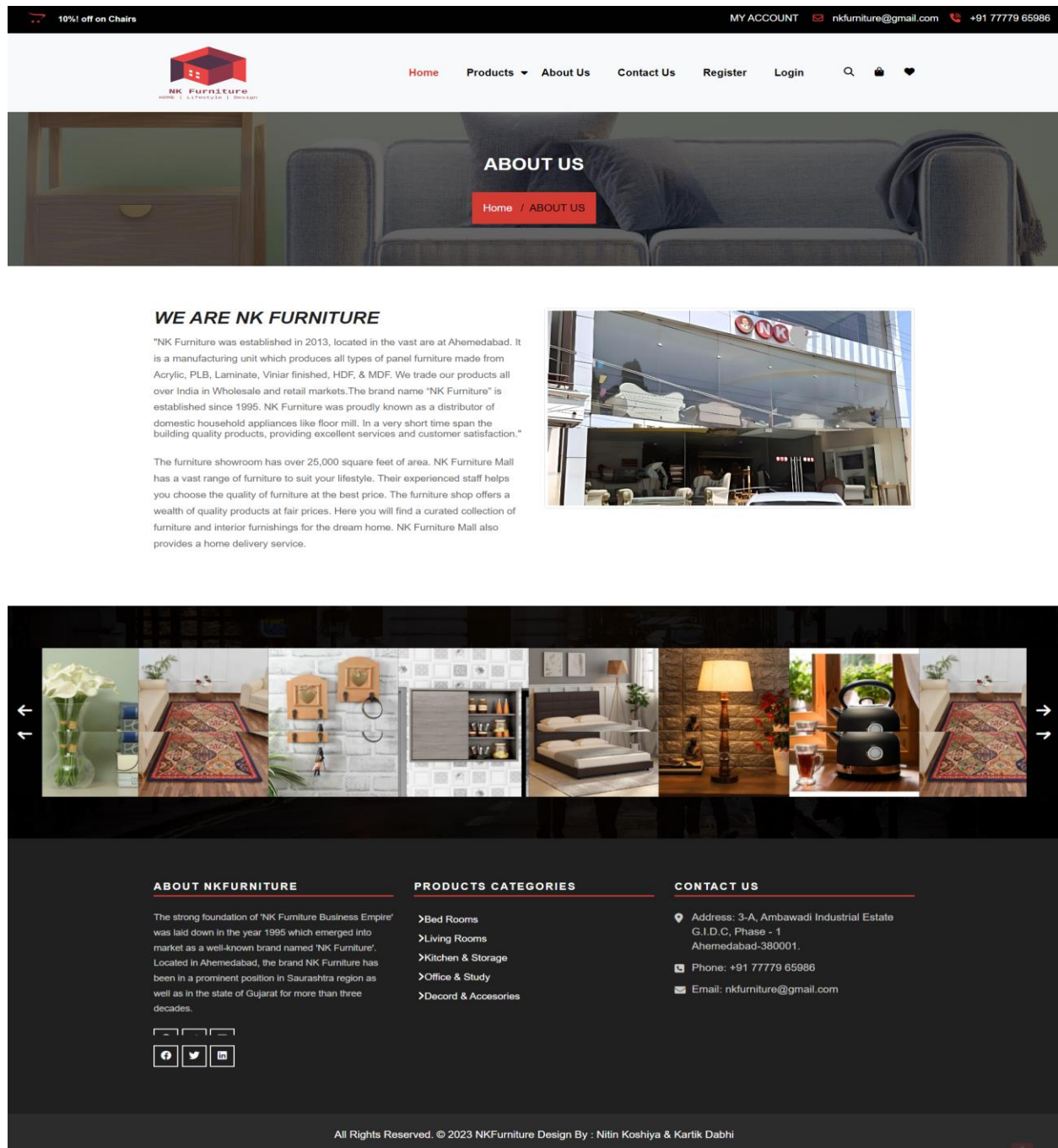
This is about us page of register user.

2.4 Register User Contact Us

This is Contact us page of register user.

2.5 Register User Product
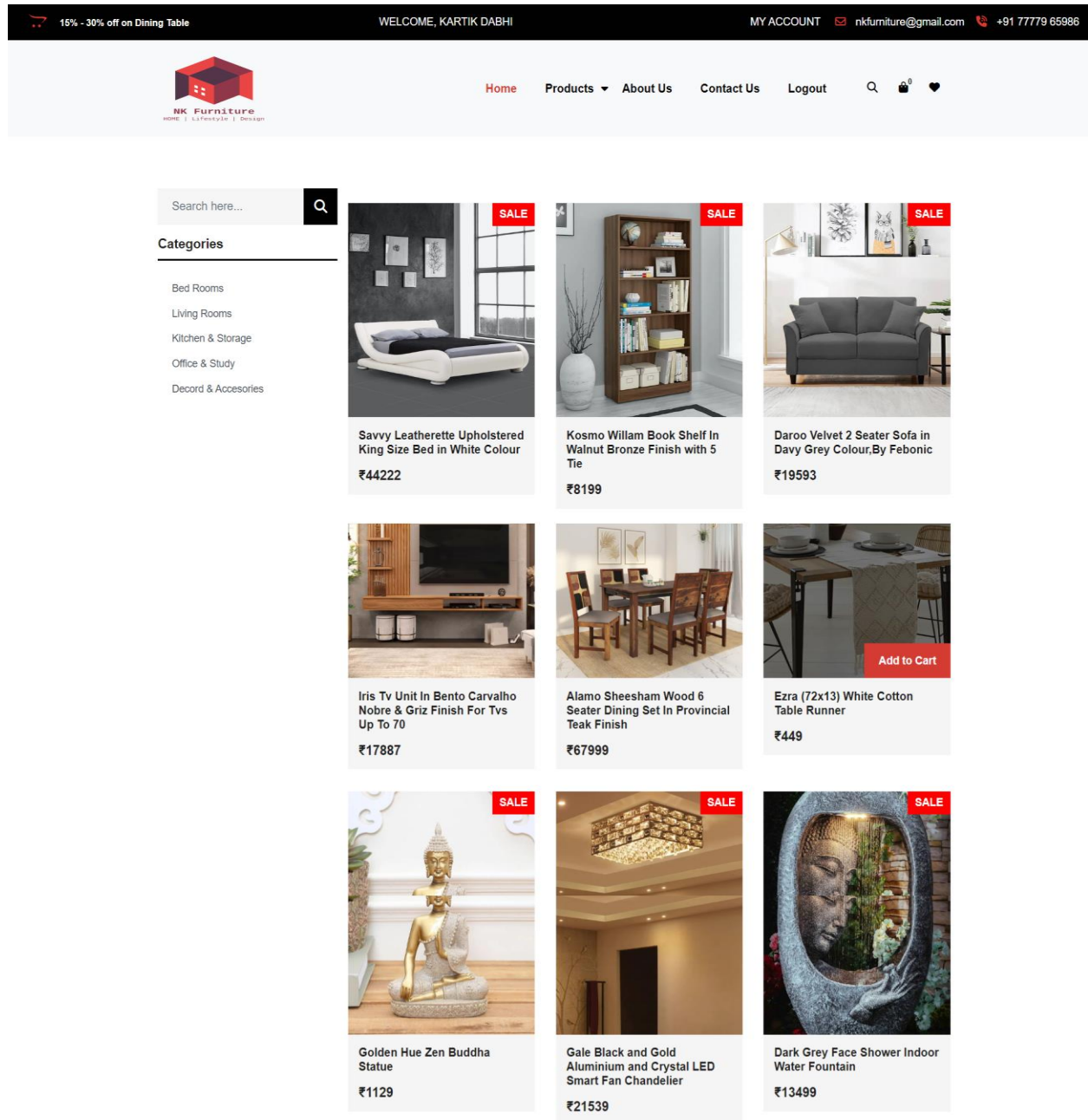
This is product page of register user.

2.6 Register User Single Product

This is product description page of register user.

2.7 Register User Wishlist
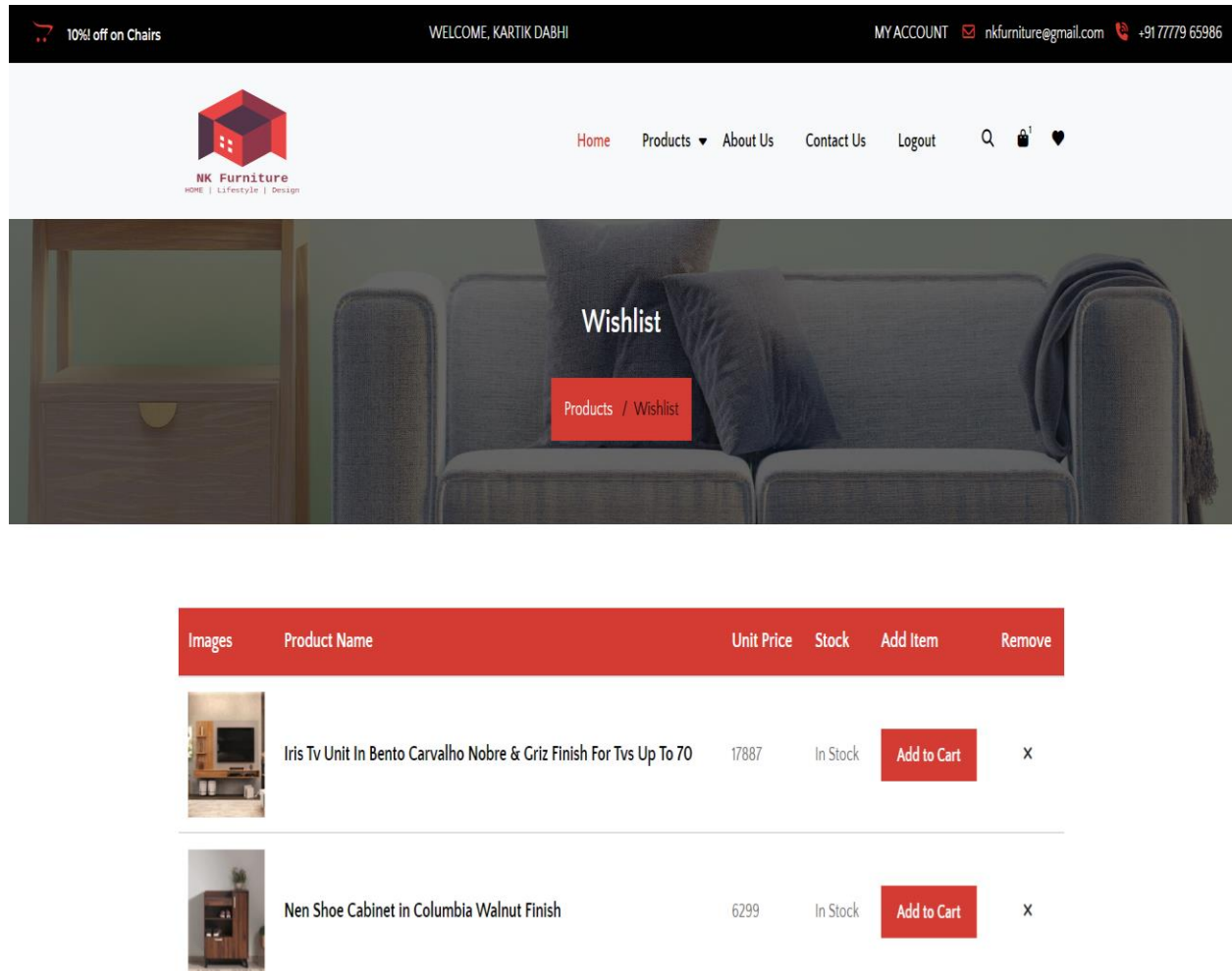
This is wishlist page of register user.

2.8 Register User Cart

This is cart page of register user.

2.9 Register User Checkout

This is checkout page of register user.

2.10 Register User Profile

This is profile page of register user.

2.11 Register User Order View

This is order view page of register user.

2.12 Register User Order Detail View

This is order detail view page of register user.

3. VISITOR SIDE:

3.1 Visitor Home
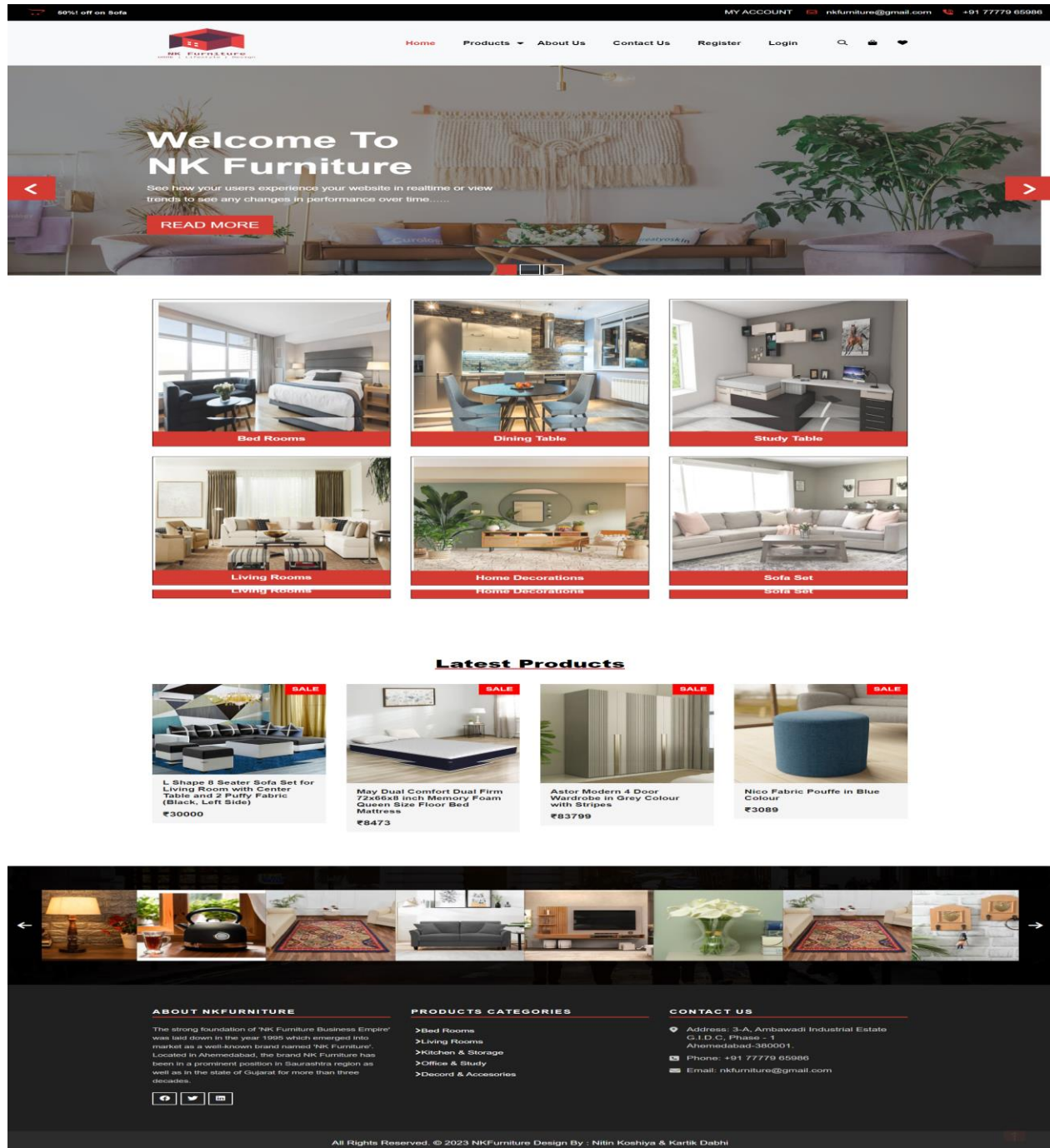
This is home page of visitor.

3.2 Visitor About Us
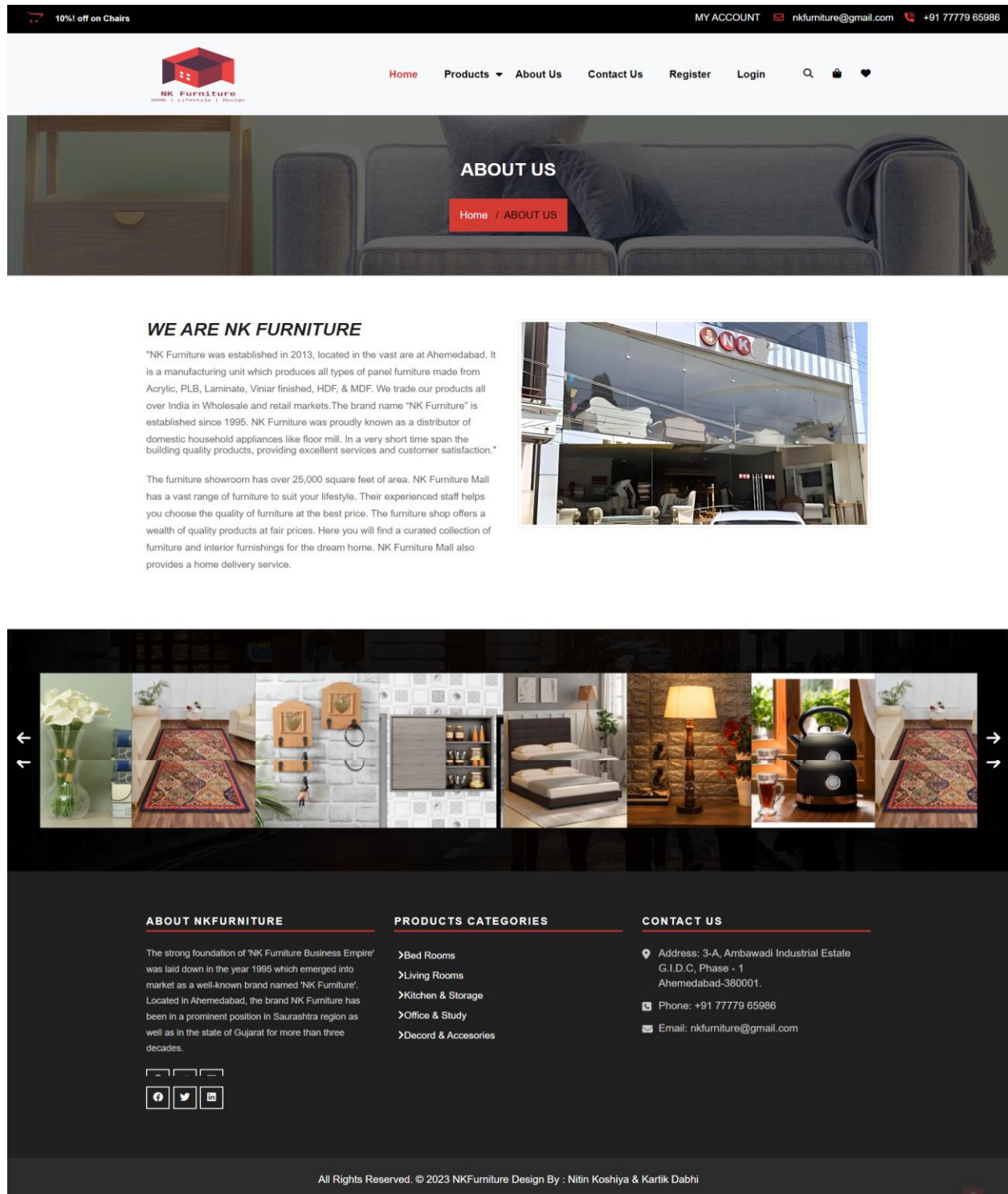
This is about us page of visitor.

3.3 Visitor Contact Us

This is contact us page of visitor.

3.4 Visitor Product
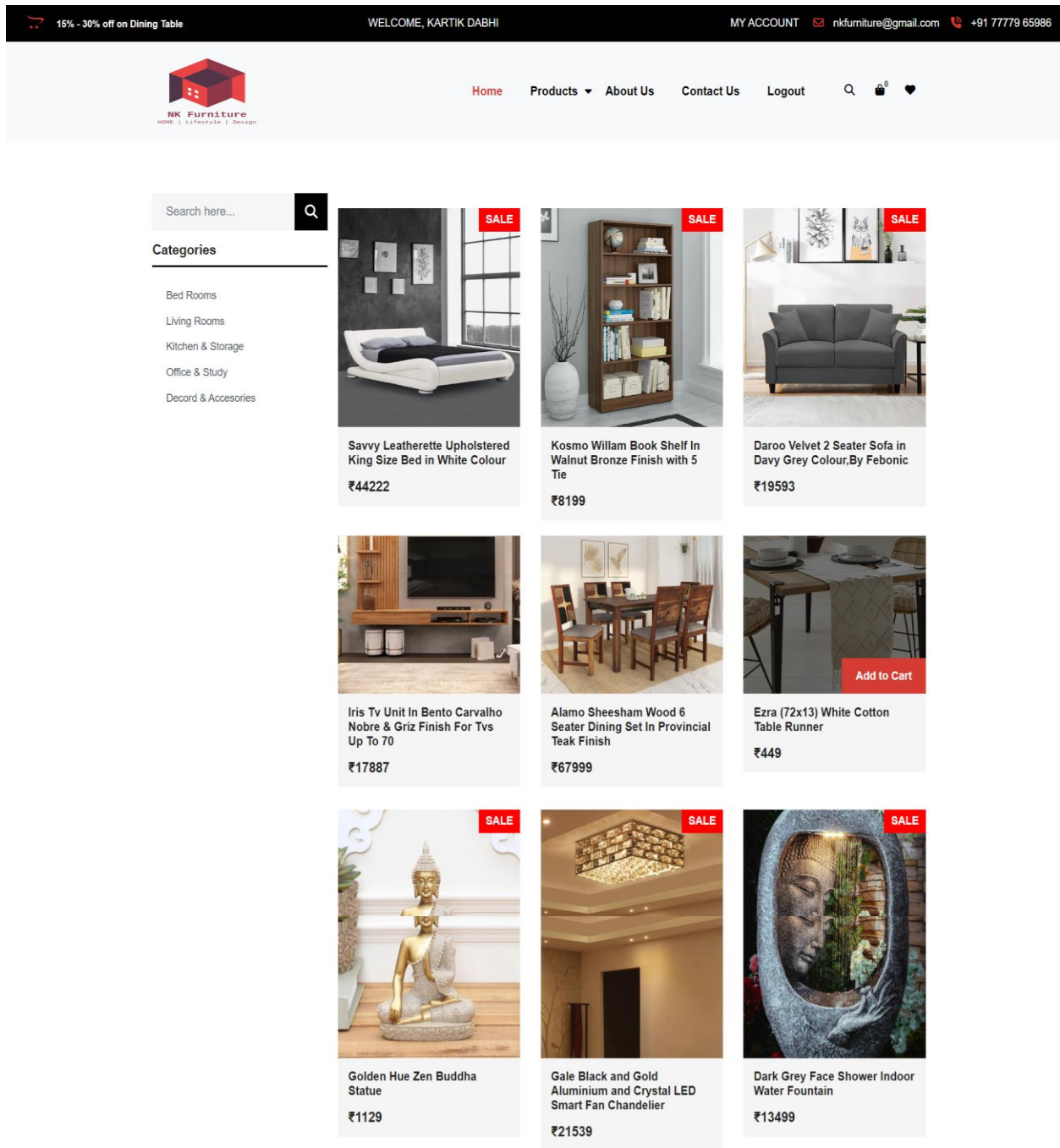
This is shop page of visitor.

3.5 Visitor Product Description

This is product description page of visitor.

3.6 Visitor Registration

This is registration from of visitor.