

**A PROJECT REPORT**  
**ON**  
**E-Commerce Website**  
**For the partial fulfillment for the award of the degree of**

**BACHELOR OF TECHNOLOGY**  
**In**  
**COMPUTER SCIENCE AND ENGINEERING**

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**G.L. BAJAJ INSTITUTE OF TECHNOLOGY &**  
**MANAGEMENT, GREATER NOIDA**



**Affiliated to**  
**DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY,**  
**LUCKNOW**

**2021-22**

```

<?php include 'config.php'; ?>
<?php include 'header.php'; ?>

<div class="product-section content">
  <div class="container">
    <div class="row">
      <div class="col-md-12">
        <h2 class="section-head">All Products</h2>
        <?php
          $limit = 8;
          $db = new Database();
          $db->select('products','*',null,'product_status = 1 AND qty > 0','product_id DESC',$limit);
          $result = $db->getResult();
          if(count($result) > 0){
            foreach($result as $row){ ?>
              <div class="col-md-3 col-sm-6">
                <div class="product-grid">
                  <div class="product-image latest">
                    <a class="image" href="single_product.php?pid=<?php echo $row['product_id']; ?>">
                      
                    </a>
                  <div class="product-button-group">
                    <a href="single_product.php?pid=<?php echo $row['product_id']; ?>" >i class="fa fa-eye"></i></a>
                    <a href="" class="add-to-cart" data-id=<?php echo $row['product_id']; ?>">i class="fa fa-shopping-cart"></i></a>
                    <a href="" class="add-to-wishlist" data-id=<?php echo $row['product_id']; ?>">i class="fa fa-heart"></i></a>
                  </div>
                  <div class="product-content">
                    <h3 class="title">
                      <a href="single_product.php?pid=<?php echo $row['product_id']; ?>"><?php echo $row['product_title']; ?></a>
                    </h3>
                    <div class="price"><?php echo $cur_format; ?> <?php echo $row['product_price']; ?></div>
                  </div>
                </div>
              </div>
            } ?>
          </div>
          <div class="col-md-12">
            <div class="pagination-outer">
              <?php echo $db->pagination('products',null,'product_status = 1 AND qty > 0',$limit); ?>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>
<?php include 'footer.php'; ?>

```

Figure 5: Basic PHP of the Project

## 5.2.2 Basic CSS of the Project

```

/* common CSS */
/* ===== */
body{
  margin: 0;
  font-family: 'Roboto', sans-serif;
}
h1,h2,h3,h4,h5,h6{
  margin: 0;
}
a,
a:hover,
a:focus{
  text-decoration: none;
  outline: none;
}
.btn:focus{
  outline: none;
}
ul{
  padding: 0;
  margin: 0;
  list-style: none;
}

```

Figure 6: Basic CSS of the Project

### 5.3.3 Available products on the website

Any user with an internet connection can access the online shop. The user can surf the webpage to see what is available on the website. To get the product, we create a function called which also has a connection to the database. When function is called a relationship is established in the database to retrieve products from the database.

```
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<?php include 'header.php'; ?>

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        <h2 class="section-head">All Products</h2>
        <?php
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          $result = $db->getResult();
          if(count($result) > 0){
            foreach($result as $row){ ?>
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                <div class="product-grid">
                  <div class="product-image latest">
                    <a class="image" href="single_product.php?pid=<?php echo $row['product_id']; ?>">
                      
                    </a>
                  <div class="product-button-group">
                    <a href="single_product.php?pid=<?php echo $row['product_id']; ?>" ><i class="fa fa-eye"></i></a>
                    <a href="" class="add-to-cart" data-id=<?php echo $row['product_id']; ?>"><i class="fa fa-shopping-cart"></i></a>
                    <a href="" class="add-to-wishlist" data-id=<?php echo $row['product_id']; ?>"><i class="fa fa-heart"></i></a>
                  </div>
                </div>
                <div class="product-content">
                  <h3 class="title">
                    <a href="single_product.php?pid=<?php echo $row['product_id']; ?>"><?php echo $row['product_title']; ?></a>
                  </h3>
                  <div class="price"><?php echo $cur_format; ?> <?php echo $row['product_price']; ?></div>
                </div>
              </div>
            </div>
          } ?>
        </div>
      <div class="col-md-12">
        <div class="pagination-outer">
          <?php echo $db->pagination('products',null,'product_status = 1 AND qty > 0',$limit); ?>
        </div>
      </div>
    </div>
  </div>
</div>
<?php include 'footer.php'; ?>
```

Figure 7: Available products on the website

### 5.3.4 User Registration

The User will insert his personal information into the registration form.

After submitting the form, a connection is established with the database which saves the data.

The IP address of the customer is also sent to the database to be kept.

The user is expected to provide the necessary information.

Any missing space or wrong information may lead to the customer not being able to register.

```
<?php
include 'config.php';
session_start();
if(isset($_SESSION['user_id']) && $_SESSION['user_role'] == 'user') {
    include 'config.php';
    header("Location: " . $_hostname . "/user_profile.php");
}else{
include 'header.php'; ?>
<div class="container">
    <div class="row">
        <div class="col-md-offset-3 col-md-6">
            <form id="register_sign_up" class="signup_form" method="POST" autocomplete="off">
                <h2>register here</h2>
                <div class="form-group">
                    <label>First Name</label>
                    <input type="text" name="f_name" class="form-control first_name" placeholder="First Name" required />
                </div>
                <div class="form-group">
                    <label>Last Name</label>
                    <input type="text" name="l_name" class="form-control last_name" placeholder="Last Name" required />
                </div>
                <div class="form-group">
                    <label>Username / Email</label>
                    <input type="email" name="username" class="form-control user_name" placeholder="Email Address" required />
                </div>
                <div class="form-group">
                    <label>Password</label>
                    <input type="password" name="password" class="form-control pass_word" placeholder="Password" required />
                </div>
                <div class="form-group">
                    <label>Mobile</label>
                    <input type="phone" name="mobile" class="form-control mobile" placeholder="Mobile" required />
                </div>
                <div class="form-group">
                    <label>Address</label>
                    <input type="text" name="address" class="form-control address" placeholder="Address" required />
                </div>
                <div class="form-group">
                    <label>City</label>
                    <input type="text" name="city" class="form-control city" placeholder="City" required />
                </div>
                <input type="submit" name="signup" class="btn" value="sign up"/>
            </form>
        </div>
    </div>
</div>
<?php include 'footer.php';
} ?>
```

Figure 8: User Registration

6.2 Screenshots of the project

- Home Page

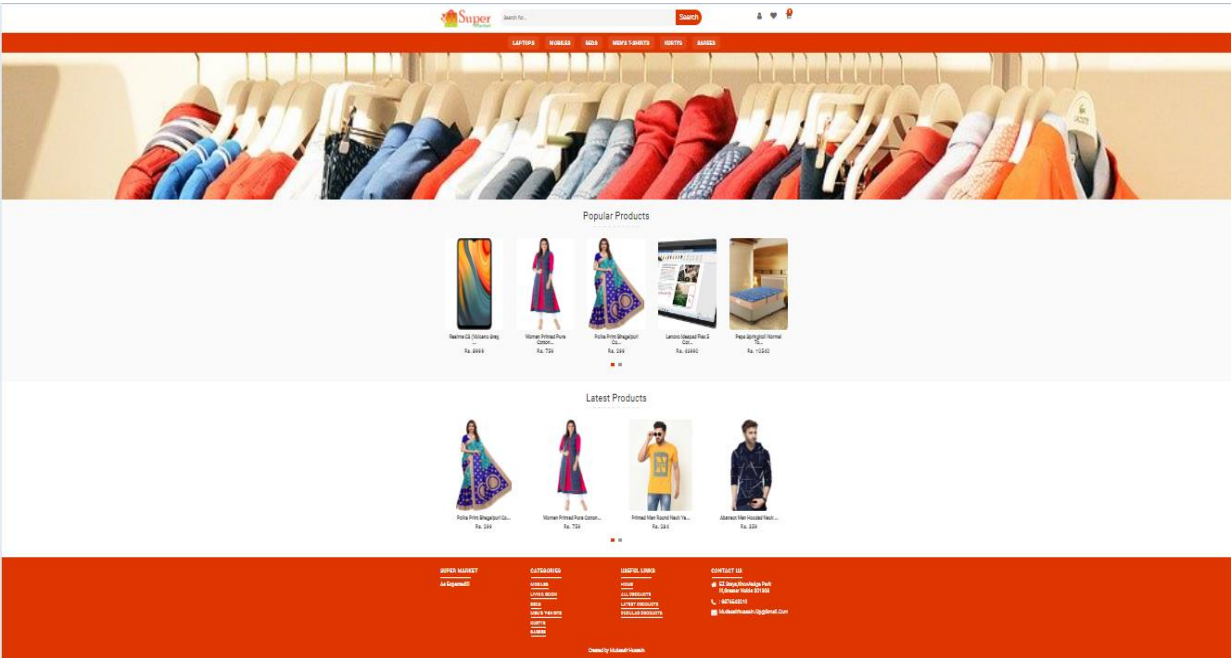


Figure 9: Home Page

- Admin Page

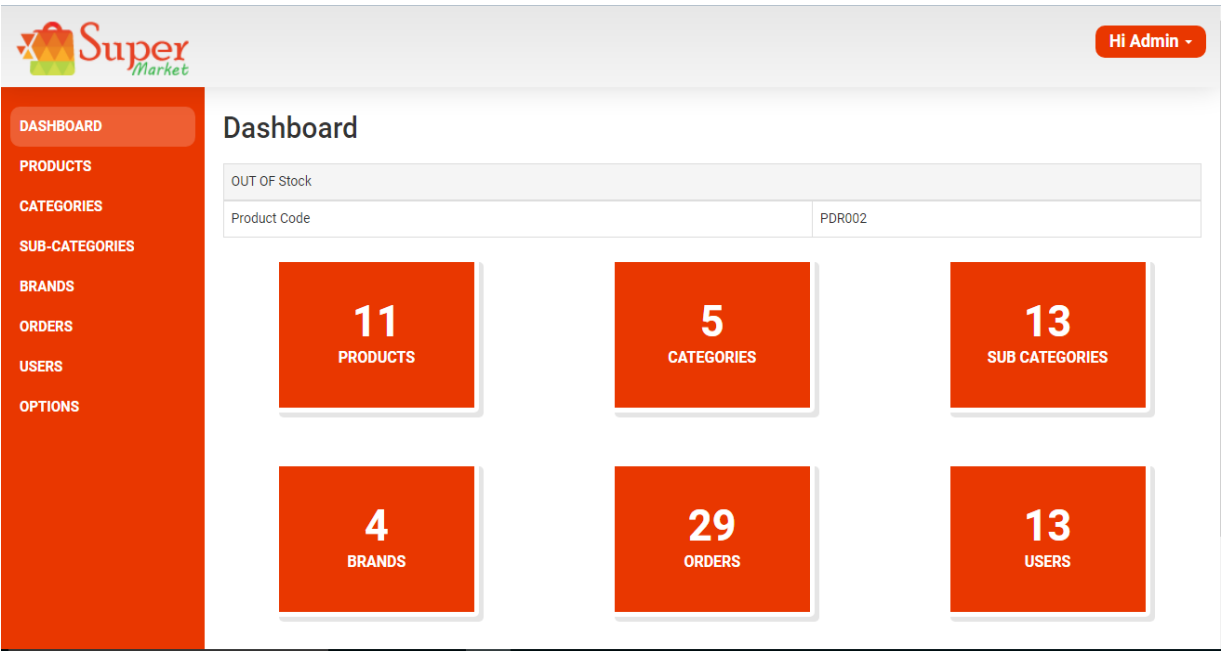


Figure 10: Admin Page

○ All Products

#	Title	Category	Brand	Price	Quantity	Image	Status	Action
PDR0012	Polka Print Bhagalpuri Cotton Blend Saree (Blue)	Sarees		Rs.299	12		Active	<a href="#">✓</a> <a href="#">✕</a>
PDR0011	Women Printed Pure Cotton A-line Kurta (White, Blue, Pink)	Kurti's		Rs.759	3		Active	<a href="#">✓</a> <a href="#">✕</a>
PDR0010	Printed Men Round Neck Yellow T-Shirt	Men's T-Shirts		Rs.284	1		Active	<a href="#">✓</a> <a href="#">✕</a>
PDR009	Abstract Men Hooded Neck Dark Blue T-Shirt	Men's T-Shirts		Rs.359	1		Active	<a href="#">✓</a> <a href="#">✕</a>
PDR008	Delite Kom Riley Engineered Wood Bedside Table (Finish Color - Acacia Dark)	Living Room		Rs.2750	1		Active	<a href="#">✓</a> <a href="#">✕</a>

Figure 11: All Products

○ Registration Page

**REGISTER HERE**

First Name

Last Name

Username / Email

Password

Mobile

Address

City

**Sign Up**

Figure 12: Registration Page

- Login Page

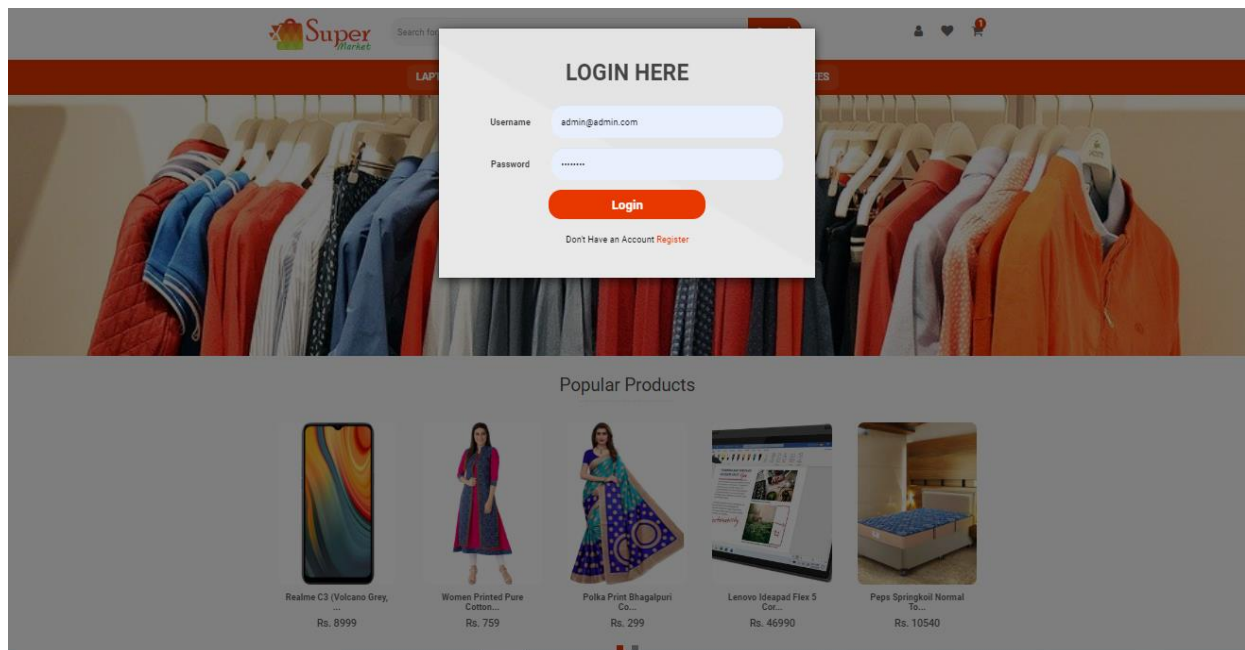


Figure 13: Login Page

- Payment Page

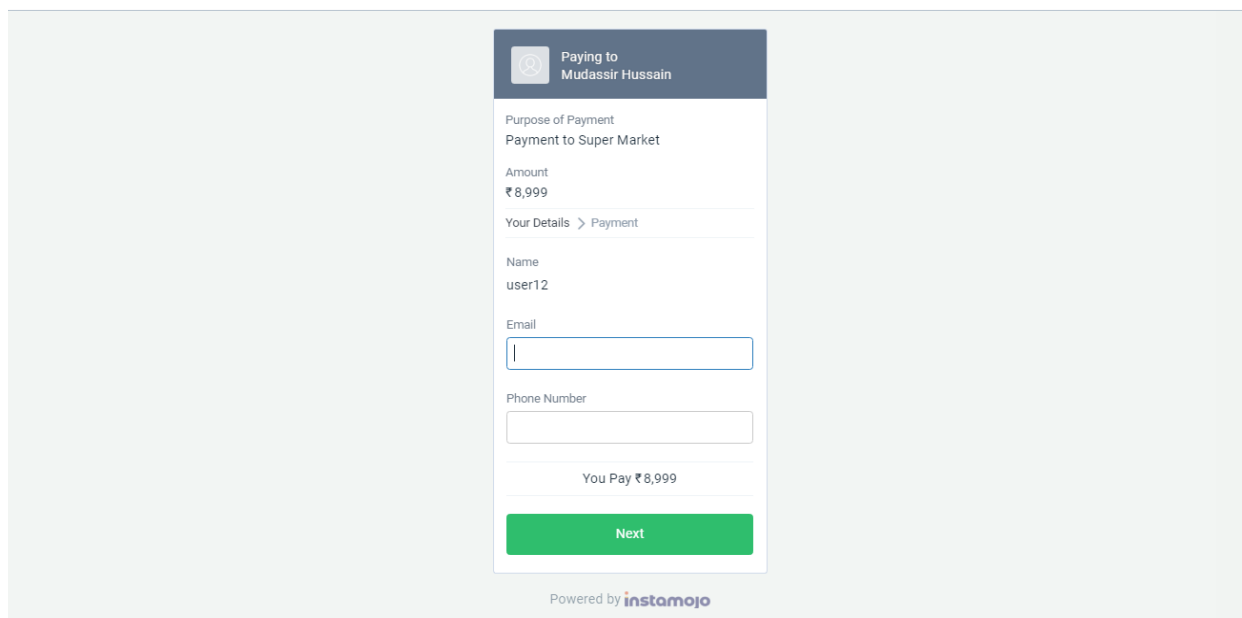


Figure 14: Payment Page