A PROJECT REPORT

Submitted by

HAARDIK AGARWAL, 2115000422

in partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

Computer Engineering and Application

GLA University, Mathura

MAY 2025

BONAFIDE CERTIFICATE

Certified that this project report **"AMAZON CLONE USING HTML AND CSS"**is the bonafide work of **"HAARDIK AGARWAL"** who carried out the project work under my/our supervision.

SIGNATURE	**SIGNATURE**
ROHIT AGARWAL	**MS.RUCHI GUPTA**
HEAD OF DEPARTMENT	**MASTER TRAINER**
DEPARTMENT - CEA	**DEPARTMENT - CEA**
INTERNAL EXAMINER	**EXTERNAL EXAMINER**

TABLE OF CONTENTS

List of Figures

List Of Tables

INTRODUCTION

1.1Client Identification/Need Identification/Identification of relevant

Client Identification:

Creating a client identification system involves using more than just HTML and CSS. You'll need to incorporate some form of server-side scripting (like PHP, Node.js, etc.) and a database to securely manage user information. However, I can provide you with a basic example of a login form using HTML and CSS. Keep in mind that this is just the front end, and for a fully functional system, you'd need a back-end server and a database.

1.4. Timeline

A Gantt chart is a visual representation of a project schedule that shows tasks, their start and end dates, and the dependencies between tasks. It provides a comprehensive view of the project timeline, helping project managers and team members understand the sequence of activities and allocate resources efficiently.

1. Identify Tasks:

List all the tasks involved in your project. These tasks should represent the key activities required to complete the project successfully. Refer to the "Identification of Tasks" section for guidance.

2. Determine Task Durations:

Estimate the time required to complete each task. This could be in days, weeks, or months, depending on the scale and complexity of the task.

3. Set Start and End Dates:

Assign start and end dates to each task based on your estimated durations. Make sure to consider any dependencies between tasks, meaning some tasks may need to be completed before others can begin.

Task	Duration
1. Data Collection and Preprocessing	4 weeks
2. Feature Selection and Engineering	3 weeks
3. Model Development	5 weeks
4. Regularization Techniques Implementation	2 weeks
5. Validation and Testing	4 weeks
6. Documentation and Reporting	3 weeks
7. Stakeholder Communication	2 weeks

Duration is just a rough idea

1.5. Organization of the Report

```
<!DOCTYPE
    html><html lang="en"><head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet" href="styles.css">
  <title>Login Page</title></head><body>
  <div class="login-container">
    <form action="login.php" method="post">
      <h2>Login</h2>
      <label for="username">Username:</label>
      <input type="text" id="username" name="username" required>

      <label for="password">Password:</label>
      <input type="password" id="password" name="password" required>

      <button type="submit">Login</button>
    </form>
  </div></body></html>
```

CSS (styles.css):

```
body {
  font-family: Arial, sans-serif;
  display: flex;
  align-items: center;
  justify-content: center;
  height: 100vh;
  margin: 0;
}
.login-container {
  width: 300px;
  padding: 20px;
  border: 1px solid #ccc;
```

```
    border-radius: 5px;
}
form {
    display: flex;
    flex-direction: column;
}
label {
    margin-bottom: 5px;
}
input {
    padding: 8px;
    margin-bottom: 10px;
}
button {
    padding: 10px;
    background-color: #007BFF;
    color: #fff;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
button:hover {
    background-color: #0056b3;
}
```

This structure separates HTML and CSS into distinct sections, making the code more readable and maintainable. Additionally, it follows a consistent naming convention and indentation for better clarity.

Remember that as your project grows, you might want to consider additional improvements such as using a CSS preprocessor like Sass, organizing your files into folders, and incorporating a build process for minification and optimization.

2.1. Proposed solutions

Objective:

The primary goal is to extend the existing login form into a fully functional user authentication system with secure back-end processing.

Proposed Solutions:

.

Server-Side Scripting:

.

- Utilize a server-side scripting language such as PHP, Node.js, Python (Django/Flask), or Ruby (Rails) to handle user authentication on the server.
- Implement server-side logic to validate user credentials, interact with the database, and manage session data.

.

Database Integration:

.

- Incorporate a database (e.g., MySQL, PostgreSQL, MongoDB) to securely store user information.
- Design a database schema to store user credentials, ensuring the secure storage of passwords using hashing and salting techniques.

.

Back-End Routing:

.

- Create back-end routes to handle user login requests, registration, and logout.
- Implement error handling and response mechanisms to provide feedback to users during the authentication process.

.

Security Measures:

.

- Employ secure practices such as password hashing and salting to protect user passwords in the database.
- Implement HTTPS to ensure secure communication between the client and server.

.

Session Management:

.

- Use session management techniques to maintain user sessions securely.
- Set up session timeout mechanisms to enhance security.

.

User Registration:

.

- Extend the system to include a user registration form.
- Implement validation for unique usernames and strong password policies during registration.

.

User Interface Feedback:

.

- Enhance the user interface to provide meaningful feedback on successful logins, registration, and authentication errors.
- Implement loading indicators or messages to improve the user experience during asynchronous operations.

.

Logging and Monitoring:

.

- Implement logging mechanisms on the server to record authentication attempts, aiding in security audits and issue resolution.
- Integrate monitoring tools to track system performance and potential security threats.

Technologies:

- **Front-End:** HTML, CSS (potentially enhanced with a front-end framework like React, Vue.js, or Angular for a more dynamic interface).
- **Back-End:** Choose a suitable server-side scripting language (PHP, Node.js, Python, Ruby) along with a web framework if applicable (Express.js, Django, Flask, Rails).
- **Database:** MySQL, PostgreSQL, MongoDB, or other relational/non-relational databases.
- **Security:** Implement HTTPS, password hashing libraries, and secure coding practices.

Project Timeline:

. **Week 1-2:** Choose back-end technologies, set up the server, and establish database connectivity.
. **Week 3-4:** Develop back-end logic for user authentication, registration, and session management.
. **Week 5-6:** Implement secure password storage mechanisms and integrate front-end with back-end for seamless user interaction.
. **Week 7-8:** Enhance user interface feedback, implement logging, and monitor system performance.
. **Week 9-10:** Conduct thorough testing, including security testing, and address any identified issues.
. **Week 11-12:** Deploy the system to a production environment, configure server security, and document the system architecture and deployment process.

Conclusion:

By implementing the proposed solutions, the login system can be transformed into a robust and secure user authentication system, providing users with a seamless and secure experience while ensuring the protection of sensitive information.

This report outlines a comprehensive plan to extend your login system into a more complete and secure user authentication system. Remember to adapt the timeline and technologies based on your project requirements and team capabilities.

Goals/Objectives

Project Goals:

.

Implement Secure Authentication:

.

- **Objective:** Ensure that user authentication is secure and follows industry best practices.
- **Key Results:** Passwords are securely hashed and salted, and the system is resistant to common security vulnerabilities like SQL injection and session hijacking.

.

Database Integration:

.

- **Objective:** Establish a connection with a database to store and retrieve user information securely.
- **Key Results:** User data is stored in a structured and secure manner, and the database is protected against unauthorized access.

.

User Registration:

.

- **Objective:** Allow users to register for an account with proper validation and security measures.
- **Key Results:** Users can register with unique usernames, and strong password policies are enforced during the registration process.

.

Session Management:

.

- **Objective:** Implement secure session management to track user sessions and enhance overall system security.
- **Key Results:** User sessions are securely managed, and session timeout mechanisms are in place.

.

User Interface Enhancement:

.

- **Objective:** Improve the user interface to provide feedback and a seamless experience during authentication and registration.
- **Key Results:** Users receive clear feedback on successful actions, and the interface is user-friendly.

.

Logging and Monitoring:

.

- **Objective:** Implement logging and monitoring mechanisms to track system behavior and identify potential security threats.
- **Key Results:** System logs record authentication attempts, and monitoring tools provide insights into system performance.

.

Scalability and Performance:

.

- **Objective:** Design the system with scalability in mind and ensure optimal performance.
- **Key Results:** The system can handle a growing number of users, and performance benchmarks meet acceptable standards.

.

Documentation:

.

- **Objective:** Document the system architecture, deployment process, and any necessary configurations.
- **Key Results:** Comprehensive documentation is available for developers and administrators to understand and maintain the system.

.

Testing and Quality Assurance:

.

- **Objective:** Conduct thorough testing, including security testing, to identify and address potential issues.
- **Key Results:** The system passes various testing scenarios, and security vulnerabilities are addressed.

.

Deployment to Production:

.

- **Objective:** Successfully deploy the enhanced system to a production environment.
- **Key Results:** The system is live and accessible to users, with proper security measures in place.

.

User Education:

.

- **Objective:** Provide clear instructions and support for users navigating the new authentication system.
- **Key Results:** Users are informed about any changes, and support resources are available.

.

Compliance with Regulations:

.

- **Objective:** Ensure compliance with relevant data protection and privacy regulations.
- **Key Results:** The system adheres to legal and regulatory requirements for user data protection.

Conclusion:

By achieving these goals, the enhanced user authentication system will not only provide a secure and seamless experience for users but also position the project for scalability, maintainability, and compliance with industry standards.

4.1. Implementation of solution

HTML CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Amazon Website Clone</title>
  <link rel="stylesheet" href="style.css">
  <link rel="stylesheet" href="https://fonts.googleapis.com/css2?family=Material+Symbols+Outlined:opsz,wght,FILL,GRAD@20..48,100..700,0..1,-50..200">
</head>
<body>
   <header>
     <nav class="navbar">
       <div class="nav-logo">
         <a href="#"><img src="amazon_logo.png" alt="logo"></a>
       </div>
       <div class="address">
         <a href="#" class="deliver">Deliver</a>
         <div class="map-icon">
           <span class="material-symbols-outlined">location_on</span>
           <a href="#" class="location">India</a>
         </div>
       </div>
       <div class="nav-search">
         <select class="select-search">
           <option>All</option>
           <option>All Categories</option>
           <option>Amazon Devices</option>
         </select>
         <input type="text" placeholder="Search Amazon" class="search-input">
         <div class="search-icon">
           <span class="material-symbols-outlined">search</span>
         </div>
       </div>
       <div class="sign-in">
        <a href="#"> <p>Hello, sign in</p>
         <span>Account &amp;amp; Lists</span></a>
       </div>
       <div class="returns">
         <a href="#"><p>Returns</p>
           <span>&amp;amp; Orders</span></a>
       </div>
       <div class="cart">
         <a href="#">
```

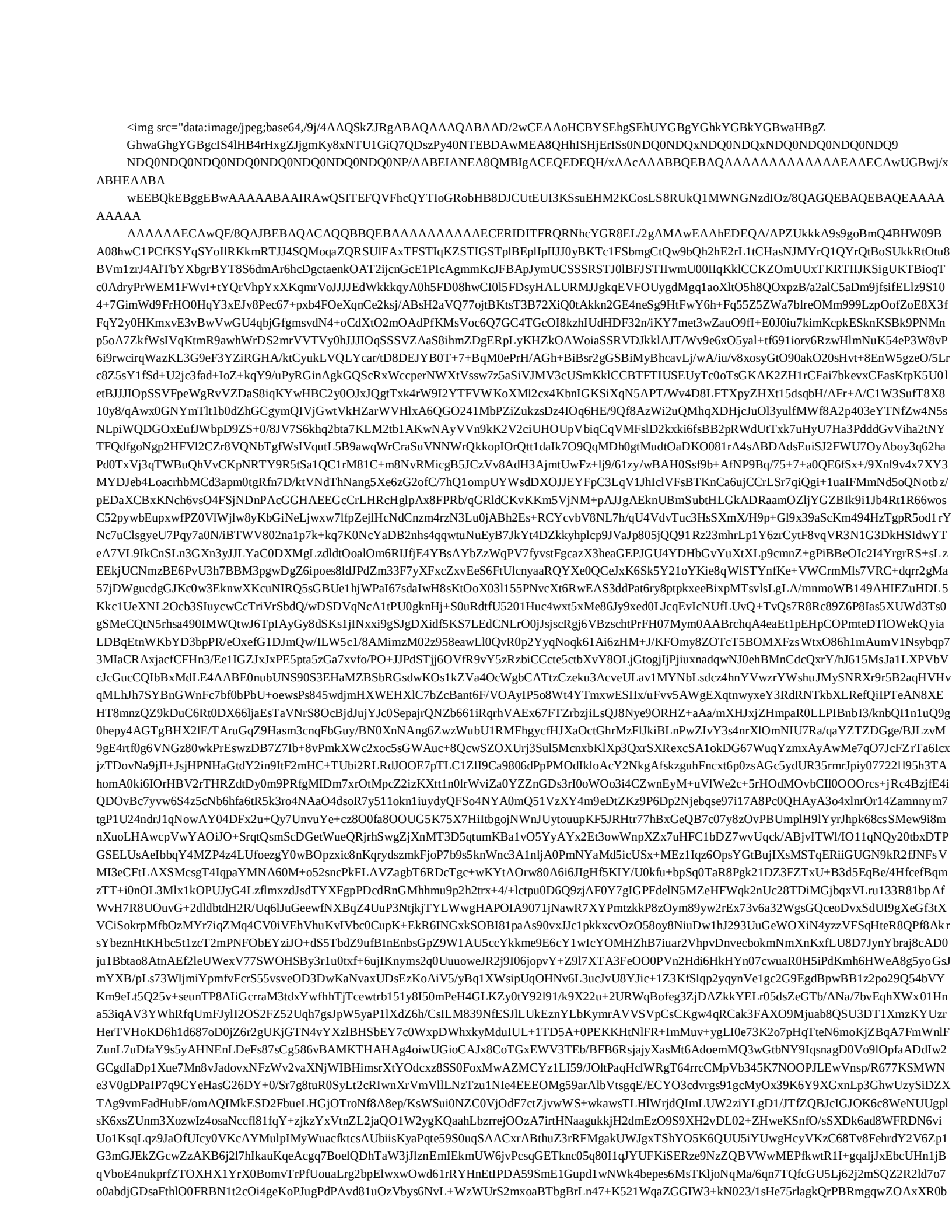
```
        <span class="material-symbols-outlined cart-icon">shopping_cart</span>
        </a>
        <p>Cart</p>
      </div>
    </nav>

    <div class="banner">
      <div class="banner-content">
        <div class="panel">
          <span class="material-symbols-outlined">menu</span>
          <a href="#">All</a>
        </div>

        <ul class="links">
          <li><a href="#">Today's Deals</a></li>
          <li><a href="#">Customer Service</a></li>
          <li><a href="#">Registry</a></li>
          <li><a href="#">Gift Cards</a></li>
          <li><a href="#">Sell</a></li>
        </ul>
        <div class="deals">
          <a href="#">Shop deals in Electronics</a>
        </div>
      </div>
    </div>
  </header>
  <section class="hero-section"></section>
  <section class="shop-section">
    <div class="shop-images">
      <div class="shop-link">
        <h3>Shop Laptops &amp;amp; Tables</h3>
        <img src="https://encrypted-tbn2.gstatic.com/shopping?q=tbn:ANd9GcQuodez03yAL56WE7EQR2c9iZEM2iO-nez0TCEc
        snRmYs_b_Kbr9vxNcVJj66dCvIxtrgNy_YpWxnqdoLfoKXLkrGJWjE8DYNbU8LSKGF8RpYatrr
        k0uXwGgXl7_nNgt-KsQdiK8p-GW48&usqp=CAc" alt="card">
        <a href="#">Shop now</a>
      </div>
      <div class="shop-link">
        <h3>Shop Smartwatches</h3>
        <img src="https://encrypted-tbn1.gstatic.com/images?q=tbn:ANd9GcSYIgni8lKj9aQ79HuRsq2MSV64ahODr5kfo-_etb3q_Nt1xUS6" alt="card">
        <a href="#">Shop now</a>
      </div>
      <div class="shop-link">
        <h3>Create with Strip Lights</h3>
        <img src="
        Zu/FdDCM+0hlONtGm2MMsqMXlPyGjrYPvX2cn75/2+dD0l/13eK89f6cf91vsXRR+sf/oLXuan6y/uv71xy+r/Mzqt
        77/mtMp2zo7/5bqueJeXK8KD1T2Av0h6xX+p5GP2T/b+wr5dPs4/aT//+7J+5aA0U2P4t7j4yX+6QW1AGeRuHwAPTpZpce+ex07CSAeRCnXlG7bmvP+0u5W1w
wEhdFS+T2eTWfg40SadcYDHy1icU1ctqn0vhdSlGcvdCBwoQAey0IjC9lqDVnGeaSV2+3UrfxYdy/34lBZdsLm+aVs720eUX+XGaEM9lLxqRwb1I3zw6GLoBgVZuEZ
dqxWhbGBohrhf5ykwZZc3bDuZ/U9gzEBIMqdLbeV4UkXQ1M3uUIU4nL1OKdtwgG99z6+pfZGnbOsMmK/POhAJtTcZVQuBRxYlyB1qhVxpMNkOTkw7ltuFn1o/X
0YZESIG6SuyuK+g0LAVoyZtqsKsMTDGU72quLUUernYgV9MttnPqd10Hork2LoEYgQVQlLnEmcEaDq3fr94g92AcfA8HJDOdqDEl3fKje64NqapVP9yhWgIfTjU3E
pTVuoC+iffFqRzLKPwhr+rT6j/M7FZrhPewAteT8ZqihCLtUqoPMXUJLQhrO33+0LsDjO3CRCYlN41I6rJ3/kXJMl7s+9Xs9/Ixr5/WAybSLT8PCf1merffXDX8de9FCF0
2cpXTHQxAe2A9roPQ3+B1sgPpbA5CB3unSWD9+klb8WR8XsqTQkLwocwolCZGD9L+2jxc5JCfX+uM7m9f+COlylkvnFdmDbr5sENX+FnbCNa/cdn8UwEJiqIjOev
Ohjc6v6ThvwDTjex43/Ozl6Cd3OHa5zNtgyG6GCZUhGQbXBTlyMLpb1ZuaMAWitVtpSmZrbAlmj/CFqUyEc+LuiL56SFw0g01qZbth2vxz+fI3ukCVMz4UQeUDweR1
MLpD+46krlxM7ihjHVFQB/90WlF1MqN07XnpCXzPPxuAr/jEKAAP734IoKuS5Z3LdQ6+tX15kzf/EF4VyC+fiP9G1FZUBlpUOVAjLrYn2nHOiiJAGKSnBKOECNf6
AAAH54uWjT0JG9W1EGyeNxmVPy4Eppv3dJrREsKuRgi/eNU6OulcuwAuDFhF5fPuEKEIyTjQX80BOheLqVTBIoxHyqagDFxnTS4KeByQt0R0CHSD2DFFSlZYY
OvaaQ2dm/udk9LElOk4SRP/M4UlVmQ0cD6+Ba17V1EWzL4RfXpXiAl13qqAiPJZtraDs4We35f2JoR7vYfkdEBkiD3sK5xJeRD4I1R6K0vY/VwEGcCANvMvO24kO
RW0BLw2zO4G0f7orH7UgmZ5akEsdrQw9mltgBTvubMETkYR+Hhw50e1npy/j6cuUyJ7i9B4qW/GScPl2QZRDwKzOc+eobXbks/TU+YO/mJcUrVoEpXQrdwiCs131/
1wbCUnLKZ6f6Cw6Gw0ZDx48O7gyO2aspGEcdlOsX53A5+EdPgeF8MzFjSZTPXOM999JZ2rNTgwkjr3usKpWlaTmC5xYFoq9ADnF1QbNtaTcqRgrXvya47elyA328
QXRUh40/O3Zl5sTGxhGykrQqTt54Py/k0gwrSe9aBgY3C2u9zsoZ2Br2Oa0mtw9cy9M5nfaWoM75oOHmUAkrznmzTnC/bkLJiknIbhpkngNel4h3BqoNYvukRydMjxG
yrdXc6Te5Hfnbb/SvhcUg3UBzRRERi44mKcPtN043Kw4lz5B8sZYmvZyadzLIQn1xX+87HYl+KT8U04Jhpt9nJWz5VBWR2FUHaFff/aPfpIlRIrdMWRs2DUK1xsdzk2
7Bv7fmOg1ic0Kf0MVAdDA1IfutdbgEWEYhnPAJvnvC64H4K0WWZFv5Ui/CqTbnNG1LDgzeTjqqYYIBdQV/blxE9ssYkeDkXF95JwoF7ZIoEjVRLYc7tSN31tpabbw
SgdY/jPbc6Pgm3SKoIjtC8zEHU1VHyP/qNH2Ud3aOSBTrzcWXsIkKNmSQS/VpqobbeQCPtSqQuIqK4/wZgqfW+sMcUMHJIStnG6VJTHUQrC87YZ/NhF2z8bBKN2
```

FAUD99RnSWTQOgBAIAjnoJt+McqD75ChFdC5Qz8XQkp0RtFmDCh7dAc7eSPSJOo7Nr5uuQFsD1vWKvyB1TpLd57Dk9L7HSBwV9SrsOn8aNWIsaoQzVgo1fOAl
OFFpmhr79BXbpwDU9bwFh9lcaB+OL7WHOhL2sVyg4iNTjIj0UigIGtQ9a6DgTNS2qHtSTXlPfm7NxQnoYTM4HUAj+dOKX7XhinPpW7jPl87wrM9JJjtcow/6GG2L
CiE5oDT6bUf+2C8iCsJibchKC1kNudqAbtBdpoLwml9qRrnZYHzarkVvVsQ/EYbNCA+rIn5sFDbcdmH45d5aRvCL4BoR4Y8nW79y0/GfigYWfJvwP+3hLNOdsSh1Sn
fNr6EOwA1iblgj1ocaGb4obFqIWx8KECpWDByyfcXfjlraMFCRZz0du7JWExyaUsZKfJ4VO/pOMzdmaSCGpfA+qIQY/nTbbLxIBayt8fz7ZxI/dwWAJkfNB0i0LgPX3b
3ZKAE43ca1Umyz9ajfBbfU1VgpXhjsbP9BF8BZP8HytIZkL8qQt47UbhNK3vfmKsxpBI0MteMj9gJ1viBU+XvLHQVyepp8wLUlhPvyraQlVcIzj+fXCgdGkwGQNSkur
FYztKbkizYHJ+i9J0LDp1uT44luyvgePLg0NAMEtbByZm2WQAbJiZWIwyjNfnCnmOHJeiolTYrmrEld7s/8lLIO0RYuZ/lHGlZBDT2F0D5Eua/0ViNOxhw+iKSLqYbo
9qKKnT66ESxgEQVtoxdOYsthngaA7HBdTdoce+zKJyWDEJ/+yHol8CWtWDaT95BBBAFIchZp6IGi4YDKq2IT3BoUzUni+otbDVGh39mZNIq9h32J/VdiQDRdJQmx
Si0izUqiQ1rGC086XQd6VwWuBASvazuQKv58/c47Iy6nf3H//C34FTqvM15zD05LG35KmXHnWkrHF1CU1c0zkgyqX/lzvgONRhmSa/j8iejgX102I/00+AALFlPAPCB
TD5h7OcY7KxFz6Rw0rhAqEuh6h3Ex9LXTPSK7h1S8Okihbn98Wl5OxGxMivsJBsFZV+YKeQdcYK9jdIasIZ53vmVBH0+aN/4iS9Yk66BDmnsCCn93glU6e5RU8jwE
C9BL5KuYpOCGeoAGd9LAzefNhXJlI+Xm8vNmu6JMw0k/caHFyEqQAlV2l+GZ/yklGFul8gIP6fKIdzqjIraJWEgy9BXc3vlztXIsDwWGPxSgqDntkDIgVZCVWFneK
XquKyrBX9yUNmIZlQ7EjY+cKzVTbJzF5XAfNdnIRf3ny7D7zpPMXZxMj5nTELOj9mex9E0Y7mwQgiJmERbo2vp7vPkLTD9EsYVhXdrdR+jkMsZgR5xSA2FzH7G
CPteHZ4t+cD1Y+gT8NCHHxSoaIOlLzuj9t3+sd020sieQpp02p8RimMeX1E5pel4GorkoX0+Lm2B1mnbmalxISIjj3i6q4FFKyHeSG3uJVZT6V6vgQeo/cbKFzsDalD4OL
1FsGe87yys/5CEz8Jor52FsGSLI46wio8gj61BVa1M/1PnTFLL/yhWjgEPtZ7YMCplIGiYCx9ZwwLG0LekmeXqUXSFv0AloASV2AUfP/1rRSsKh6uJMXZygU+AA7tF
CxtOrWx0BfBWEu+BdSPDSYoNL5OrofF5ubSHdYbXVe0InT2a4hLJJluTdPaP004GhuXl0PTUP3tVQImulC5oanIjmrvuCywyOMKu/RLgWAmzov6t3XS58fBHwTg3
pyIwmxEJBKU7iqfw3i2CLDasTYib1AiV2TJxqzgOHKjupVFU7rNBTbJwwbPl9txWkrZrACpc1mDVnVLLkAxKsX9elEIDdevtCrYk2xSxl6AgKo8iE+XFmkovu1OMU
rZP6Y6mvvze7R3YEDkGQqBEVq3wbiczvw+vKhQrqqmHtUHoH5vYC9eWvSx8TRoUNdCjU8bYCoBfnHmn7StKoI1nGcMVgrqgpkVdmsJOUQUCyfXXSG0saaFsh
mmMNPgOvHkwR2fEyDe8ZOGjNJ1IaPz2KuRQ6XofoGPI9CnA0UcYMs4in7XeznkdyL+3W+tPUA6Tk6Q3vxSbSP5NA9oT2R6zNstSho/SD2RgvUrfno8hDvlTmez65
1dIv74o5d1+V5KRiGnmcEpP+N83iTQKzAwwMbsgOxy8xKicwsC5HJQtNL05qhU+PBNjBXid9kLCcetSM5k4SD3c7u5eIrPdoXapSVm0wY+1iTS/1I4HYAfIOR2bh7z
bfs4aGswzucwhW0AzL02SJRc9+a96Ynb3r/+w6qzkNUUIR/EYyb0/JKo9d96jEHHF/4Vg/+Az8+JS+P+J0uiERtMCk9MO4VgK2DSIHoD6C5nN44vvbQGDGNDf4lFjck
k14Is2WGBNEz2Kdvu7T7dNUkRf+YNnwUWB4Q2hMB9rkwvs5w4kvW2mwvGofp1VYZrBNXNXSldpRciA2peueMaqzUxaOSA7VgDLVbMQmoNUNssz2+06f+g9
gBuRf/Tl32VjjCy1ErVcyBkKaz/H+gHVbpQ+2csd2gkZ3iRtU/qewzX7PJ++TGgvEnLyZqj8QD5O+8ox8hwVRIIQA0cVFlyP7N6dV1dZ3Jfv4VcPEjwYnpD+1mmGE EZ
DLPLUuX6D2S/tv1s4tY2mJs2YUcNOQwQ7df37YnTmHdwsFTxEYLa2tXtKvMlSHr+iHqmI8PvGLmRQEg7mcaABZ7R2hHiaJL89TuL9o/Hz++erEYfarfQfAd4cOevo
TQlae9oMs2rOOOGalG3pnvqtZNGPfSIvw7C974Yl8L3ifGunfTtec7n4UdpVnUa6dfAOx/VTrrPtGCbsTLFQxqnh8StbrhJQcZfSweAWa1td4E533pmniF8QZdDUY fqy+
wLTbnq8/l7cM05UW4N1Nvco9dHVYKmXVEmQJ5CFAom2BT5O1qOzgV0hNpvrZ/gNtXTs23dG7WtE/OS3WXIQnlw204mytfzZh2e61AYof0xr9pbh7LcO1E1s3As9
3n4hjqiBDKQRBK7g/IDUjP0fiLr+awaxZiovvyK3sw72/ObMxyKTsB09GTilx7+eyvIIOl87mEn5SX9NnYLHSWplUSZizJd7Vg/IrgRb7LeTh9jw+otDvG3ltjpquEflBecV
nw29HJeDfTbOVTxD407IBLzBZF92gMEJY6gcVfFleMmIWQNMJfUxr+8pYxJFShkpI33IFIcaQYpOK2kmzxLmUK0nl0Hk3YUHZ/ARM+EE4l2KqWmsKTBBKFuct
A1TyEqglo8KPrLnypibeluoUC2RPmsVSWEIrfBbNhnidmjyk2hDHJVqMTgLvqm8E77GKsgt5G8v862/uge12ppVHCftAdjhXkkeAZ4KuHYbAtNvzev/kk79I1BP8Q1T8
uQXcLbREx//inl3RHmLJpG6z/fRuMjDJKilFfEiOKt7MN71dWDJIfT1liDTEqRLMc7jZBsAYsv0J9TCNMBtiljDQJtoSnMn7C6Ota9nn7FoO5oCXTIxJkOg5Ct0UMW2
F8peBYK7uRZhdm4HETVCFr7+VJsp3Rt72VBtxlartGZoh2e61M8tsAo5hQlq7J13kigQ6Mn8R0O5Z/ngLAv9TRPX4zFscVqNpFF7MGZsdvyNOABUwiznVmwSyrqX
Oki69ow1UbzlWPUrmNduaOXLt5xc7MNUeNEFQ9EBAhg+nyb+xoUw0QHZ0o72WXdNNBsk/SdVcKlKqO3glMITdgfB5gomPPFVIqtR1cQnMgkXNffdsTQ50i3NX/
cI/RydVA+AbBBouYNJSx1eHRjVI/9UGYPZWamiu1NWik03UCvFfNS7nE3VycMWxOxGnA2tiQfFoh7IePTAnyQdY8x/xUGHUAwaAo0dPhvUpqQMEqA9+LmdRC
FDtD+SQP3jvMMUFKh123rvbIG7V2xv8hXLuRYo7nnIgda6kwUUCzZr0UDzNOYElXoCKbyFTVrp4iEpiCTHfYr/iFjoNJkzhp7rzqV4Vtso9VAIVcWhv3lQF/b4Ph7cj
UO2DQPbAMpNEtAUsNVXRwuZBVicIetp8t6iwh5g6oEPie7zoadHL/YUClPiI+iZQLOtBcR9mcrLjvcxhzaHj02syqgfqpKkUQMq2jToDEq7KZ3WCjjEiNDuBry2M2u
RmLcRlzATsNBK5qfLQWDO4E9ZSnMWbUPUNiff6kelma5+8OxS8HKblxYxVuJxn6kQyKJb9v28AybM9YzWR0tdxlkXteI4htyTKG9MYiESEk5EnLn3DbNZuZoPz
up4Oqeou6kouJrmD0nuL6rvDWIiJ/PD64cYc1gEC8JAQuLaKUDkfzjBzZ8bhamyhkdAOpoK0Gt7FqoUxuG/NYEfBmMeDzyTn9z4spvfJMSG5udMoZdcCS4nD3Y9GC
ngWdPJ7oC8b3f0X4tWCB3CJHgr9C78maZpgqcTRRZ61G2nZC9tJ/Jx15LeifBUeogqyMCEe3wtBI1JmgpjVC8cTRrizTybIpRyyF7tKrC8J118kk1X/wCmPtFIVaIvZFh5
aBzh65skPuhpqAUJ00ysXxRU1fBgQ/or489VSiK+FJ1w93fOZo7HDcGPqVLayu4+GW8pc2IW0NbRU8KyMYrHaABZ6cCyGQ3tNI2ksTEm35wyXqohhw2dJFCELw
UIWPN5Y4Ytp/XgSuvkbXldEswcaGJ3Mns1y0JP+A3DYAeV89lXMjCFvGTuaiAfFYZJFHc0kPZY0mdL1jTiZcfdZonq+PPvUg6u5h+Xap2j1W+y7FlXcr2y9lc0dtD xdi
d7fc5+CjeZRNFa/vCLdU7fFYH1lfAlFnSMFs5iMA4bI3DDolRPmxsaENvmktrq3FKVf2tP+P6ouXLcjffA2XCxPdvNmJ7Rm+MgiFisyMUxVmTFPZmkonebeQS4qhRz
dreiXUlYJRukYy9p3iIM18U51AVNNR7ofg0zK1aB1N0H9to7JPLtuqSFJSmJF6UH1OAeopMryG4pdS9CmyskF6nscb5ed2XS8eaEFt1e4vxdye4y9mbObT196T7ytyxIai
e+jMWZKQDlVDR0tYVvSej9nLPwtcyhg0moYHNnmdHFEdJ/pOGw1X3+/59Ry2vcqbVYrN75rlurPqYVvkoaopwXu9pRBWIhdYpzdyreChs1ykGTOTctDRyXLFI+u
Wy+S2oTtN0hlayPKhT+2p9PtxlYl1Zep4UD6581MB51ao7erzJN14ZAQR/vl//e++1UvMtvarWzhz6vcgyf0HwOLCEXzDb8e8pRapC+iOen5nn+J04Y2FaZf7+KrB RIPqe
qfgaixWEpHGxST/Ip2zpGqVCtH/NjqfejKOcnJmD0sgX3q9OjQCERZgMwmhwQvVZHL0Yr8y7huFbWTcl5lY9HJsPdTbG4PFEDe/jyQMu3J6Q4WGQ/NMQZbZojvS
ujIraYlB9PVQ8VjDyDxsIfeyg4Ufw5Y2S8B0LVA0qcr1zYwtnc7lul+8ivsZhrYsGPqO91jIsks2NwVe52YSZl2RIDiM3KOtlNuGEH7BkCcEk0WyWocjO7lZs08FblbuIQ3
vztLMFoa+QMYhkeGYZkP3ojaXqe+ha3cIbFEBukdxVggEcbYwcZABcXqAFHDbIEWGzYnDOEA8VnfUWM/Sd4DM+HREdVeX4qhpEFHhANgdEC9G4/HCXvY1g
4gYWT889Yd69AWgbvc/ugZaNS7hHNngwjfZ4Hc7S6xnV1o98ceIIPwJYpBqRsYNj6asNg7C9L0ZmfNKkOPXgTDdQupzfBvQGhAY+z7IPZsgpZjAg2p2hBzBIaGe82
3Okszng1Boa2bXBy9kWfdVGF1fzlsuWv48Dca0bmZDHtHcKdk/rkiP2wBYpFknTKL53ModE6m1x5+Yq4oOp4UI9uMB7B1qwWRC/aoaDrFUGnjSaKicZku0gOE7Ze
ASblpxWJVtCJ6jt/iqsa48wvv7E2ieWA1P4abZTMrr5ErO4AQURGJwjsGXbqeSlE4aaRoPa2qR4pQ32ViqisfzEdsOMH7XWiEaxaT7iPBJ8WR/52/H1LDpoVkqSOzi9b/9
R/5DcsaO9/bidVyFKmjhZkD7jq+fzWWkCB68uMwUdSxmI13bFC4NZjcPWOlHi9S6HG/IK8wnrBhm6E8sTbp6UcVh8P+rsmnQtJI8fCGmleUQPpQ2epoJW5k3OSZig
LKwdBU//rsqf+o2GT0vy6RMFmGmDgotJQA8O/czXj/VBgYXwqBPNytFffkn/4oC4TyU1o80glSHS+Gu7fmk+jykjrPviNG4Hln4XiANeYbmO+v5DistJdpAflHxZVd5+
ru85WuT8VZQ+ijCb/8DvSDeFZCBZTp+xEZ3pUuB3gEvnhDPeJRJ88MlEoKlNQjoCbR1xHBW471ESOyr8HuOr/jAoep0VgCSsUwy5BL7fDiiarTYZ6lZ7YISqpBKpt1
MVQON173VEcZim5WBeGeBSpJFpzqVM4OqVVnuziXTQXJob0gFaeOPSKa3I3LPQUYZ6NMfKMFcRPOWZ4lWsGN2QcK/EeQmJifg7eaNz11aJey7xTBj/9rt6ozaff
xCPk3iNRGNlPk/bsTzM/t/Zi605SSVqd8vhoGKXfTdIQFec8Yl+wo9tWnNQfoPFThoQnWQGFCW4V2gQOTnRpG9/y7owI8VKQZHvCUKPDEHdFrTt6ivmtf4cqbCK8
ekn1UAseg4cGo/dvkFvgtmEQnAkEraK8i62NVRSSTRtLj1ZFOeMpYqFFBRLfDxBl1EIgkB6VuRR62aUIXrk5qOjGNSx60nJgP/Ktslws9hpAEhe2tRZ9orhPpZapQoV
WHxzuVu5PdfxkdF3VdnXsZHeC1VCZQyMOGtcBzLc3g18NfzrURC06qDtcplUBtQKvSftZONRp42CaAj1G/RMsBZ90CmNG9Sfnfq7Tj+y7GCRHI2awX7sNVAC/Q
C/tpI97bfIsgtf9PqloCdoY/5
omGdWgAAAA==" alt="card">
Shop now

<h3>Home Refresh Ideas</h3>


<img src="
GhwaGhgYGBgcIS4lHB4rHxgZJjgmKy8xNTU1GiQ7QDszPy40NTEBDAwMEA8QHhISHjErISs0NDQ0NDQxNDQ0NDQxNDQ0NDQ0NDQ0NDQ9
NDQ0NDQ0NDQ0NDQ0NDQ0NDQ0NDQ0NDQ0NP/AABEIANEA8QMBIgACEQEDEQH/xAAcAAABBQEBAQAAAAAAAAAAAAAEAAECAwUGBwj/xABHEAABA
wEEBQkEBggEBwAAAAABAAIRAwQSITEFQVFhcQYTIoGRobHB8DJCUtEUI3KSsuEHM2KCosLS8RUkQ1MWNGNzdIOz/8QAGQEBAQEBAQEAAAAAAAAA
AAAAAAECAwQF/8QAJBEBAQACAQQBBQEBAAAAAAAAAAAECERIDITFRQRNhcYGR8EL/2gAMAwEAAhEDEQA/APZUkkkkA9s9goBmQ4BHW09BA08hwC1PCfKSYqSYoIlRKkmRTJJ4SQMoqaZQRSUlFAxTFSTIqKZSTIGSTplBEplIpIIJJ0yBKTc1FSbmgCtQw9bQh2hE2rL1tCHasNJMYrQ1QYrQtBoSUkkRtOtu8
BVm1zrJ4AlTbYXbgrBYT8S6dmAr6hcDgctaenkOAT2ijcnGcE1PIcAgmmKcJFBApJymUCSSSRSTJ0lBFJSTIIwmU00IIqKklCCKZOmUUxTKRTIIJKSigUKTBioqTc0AdryPrWEM1FWvI+tYQrVhpYxXKqmrVoJJJJEdWkkkqyA0h5FD08hwCI0l5FDsyHALURMJJgkqEVFOUygdMgq1aoXltO5h8QOxpzB/a2alC5aDm9jfsifELlz9S104+7GimWd9FrHO0HqY3xEJv8Pec67+pxb4FOeXqnCe2ksj/ABsH2aVQ77ojtBKtsT3B72XiQ0tAkkn2GE4neSg9HtFwY6h+Fq55Z5ZWa7blreOMm999LzpOofZoE8X3f
FqY2y0HKmxvE3vBwVwGU4qbjGfgmsvdN4+oCdXtO2mOAdPfKMsVoc6Q7GC4TGcOI8kzhIUdHDF32n/iKY7met3wZauO9fI+E0J0iu7kimKcpkESknKSBk9PNMn
p5oA7ZkfWsIVqKtmR9awhWrDS2mrVVTVy0hJJJIOqSSSVZAaS8ihmZDgERpLyKHZkOAWoiaSSRVDJkklAJT/Wv9e6xO5yal+tf691iorv6RzwHlmNuK54eP3W8vP
6i9rwcirqWazKL3G9eF3YZiRGHA/ktCyukLVQLYcar/tD8DEJYB0T+7+BqM0ePrH/AGh+BiBsr2gGSBiMyBhcavLj/wA/iu/v8xosyGtO90akO20sHvt+8EnW5gzeO/5Lr
c8Z5sY1fSd+U2jc3fad+IoZ+kqY9/uPyRGinAgkGQScRxWccperNWXtVssw7z5aSiVJMV3cUSmKklCCBTFTIUSEUyTc0oTsGKAK2ZH1rCFai7bkevxCEasKtpK5U01
etBJJJIOpSSVFpeWgRvVZDaS8iqKYwHBC2y0OJxJQgtTxk4rW9I2YTFVWKoXMl2cx4KbnIGKSiXqN5APT/Wv4D8LFTXpyZHXt15dsqbH/AFr+A/C1W3SufT8X8
10y8/qAwx0GNYmTlt1b0dZhGCgymQIVjGwtVkHZarWVHlxA6QGO241MbPZiZukzsDz4IOq6HE/9Qf8AzWi2uQMhqXDHjcJuOl3yulfMWf8A2p403eYTNfZw4N5s
NLpiWQDGOxEufJWbpD9ZS+0/8JV7S6khq2bta7KLM2tb1AKwNAyVVn9kK2V2ciUHOUpVbiqCqVMFslD2kxki6fsBB2pRWdUtTxk7uHyU7Ha3PdddGvViha2tNY
TFQdfgoNgp2HFVl2CZr8VQNbTgfWsIVqutL5B9awqWrCraSuVNNWrQkkopIOrQtt1daIk7O9QqMDh0gtMudtOaDKO081rA4sABDAdsEuiSJ2FWU7OyAboy3q62ha
Pd0TxVj3qTWBuQhVvCKpNRTY9R5tSa1QC1rM81C+m8NvRMicgB5JCzVv8AdH3AjmtUwFz+lj9/61zy/wBAH0Ssf9b+AfNP9Bq/75+7+a0QE6fSx+/9Xnl9v4x7XY3
MYDJeb4LoacrhbMCd3apm0tgRfn7D/ktVNdThNang5Xe6zG2ofC/7hQ1ompUYWsdDXOJJEYFpC3LqV1JhIclVFsBTKnCa6ujCCrLSr7qiQgi+1uaIFMmNd5oQNotbz/
pEDaXCBxKNch6vsO4FSjNDnPAcGGHAEEGcCrLHRcHglpAx8FPRb/qGRldCKvKKm5VjNM+pAJJgAEknUBmSubtHLGkADRaamOZljYGZBIk9i1Jb4Rt1R66wos
C52pywbEupxwfPZ0VlWjlw8yKbGiNeLjwxw7lfpZejlHcNdCnzm4rzN3Lu0jABh2Es+RCYcvbV8NL7h/qU4VdvTuc3HsSXmX/H9p+Gl9x39aScKm494HzTgpR5od1rY
Nc7uClsgyeU7Pqy7a0N/iBTWV802na1p7k+kq7K0NcYaDB2nhs4qqwtuNuEyB7JkYt4DZkkyhplcp9JVaJp805jQQ91Rz23mhrLp1Y6zrCytF8vqVR3N1G3DkHSIdwYT
eA7VL9IkCnSLn3GXn3yJJLYaC0DXMgLzdldtOoalOm6RIJfjE4YBsAYbZzWqPV7fyvstFgcazX3heaGEPJGU4YDHbGvYuXtXLp9cmnZ+gPiBBeOIc2I4YrgrRS+sLz
EEkjUCNmzBE6PvU3h7BBM3pgwDgZ6ipoes8ldJPdZm33F7yXFxcZxvEeS6FtUlcnyaaRQYXe0QCeJxK6Sk5Y21oYKie8qWlSTYnfKe+VWCrmMls7VRC+dqrr2gMa
57jDWgucdgGJKc0w3EknwXKcuNIRQ5sGBUe1hjWPaI67sdaIwH8sKtOoX03l155PNvcXt6RwEAS3ddPat6ry8ptpkxeeBixpMTsvlsLgLA/mnmoWB149AHIEZuHDL5
Kkc1UeXNL2Ocb3SIuycwCcTriVrSbdQ/wDSDVqNcA1tPU0gknHj+S0uRdtfU5201Huc4wxt5xMe86Jy9xed0LJcqEvIcNUfLUvQ+TvQs7R8Rc89Z6P8Ias5XUWd3Ts0
gSMeCQtN5rhsa490IMWQtwJ6TpIAyGy8dSKs1jINxxi9gSJgDXidf5KS7LEdCNLrO0jJsjscRgj6VBzschtPrFH07Mym0AABrchqA4eaEt1pEHpCOPmteDTlOWekQyia
LDBqEtnWKbYD3bpPR/eOxefG1DJmQw/ILW5c1/8AMimzM02z958eawLl0QvR0p2YyqNoqk61Ai6zHM+J/KFOmy8ZOTcT5BOMXFzsWtxO86h1mAumV1Nsybqp7
3MIaCRAxjacfCFHn3/Ee1IGZJxJxPE5pta5zGa7xvfo/PO+JJPdSTjj6OVfR9vY5zRzbiCCcte5ctbXvY8OLjGtogjIjPjiuxnadqwNJ0ehBMnCdcQxrY/hJ615MsJa1LXPVbV
cJcGucCQIbBxMdLE4AABE0nubUNS90S3EHaMZBSbRGsdwKOs1kZVa4OcWgbCATtzCzeku3AcveULav1MYNbLsdcz4hnYVwzrYWshuJMySNRXr9r5B2aqHVHv
qMLhJh7SYBnGWnFc7bf0bPbU+oewsPs845wdjmHXWEHXlC7bZcBant6F/VOAyIP5o8Wt4YTmxwESIIx/uFvv5AWgEXqtnwyxeY3RdRNTkbXLRefQiIPTeAN8XE
HT8mnzQZ9kDuC6Rt0DX66ljaEsTaVNrS8OcBjdJujYJc0SepajrQNZb661iRqrhVAEx67FTZrbzjiLsQJ8Nye9ORHZ+aAa/mXHJxjZHmpaR0LLPIBnbI3/knbQI1n1uQ9g
0hepy4AGTgBHX2lE/TAruGqZ9Hasm3cnqFbGuy/BN0XnNAng6ZwzWubU1RMFhgycfHJXaOctGhrMzFlJkiBLnPwZIvY3s4nrXlOmNIU7Ra/qaYZTZDGge/BJLzvM
9gE4rtf0g6VNGz80wkPrEswzDB7Z7Ib+8vPmkXWc2xoc5sGWAuc+8QcwSZOXUrj3Sul5McnxbKlXp3QxrSXRexcSA1okDG67WuqYzmxAyAwMe7qO7JcFZrTa6Icx
jzTDovNa9jJI+JsjHPNHaGtdY2in9ItF2mHC+TUbi2RLRdJOOE7pTLC1ZlI9Ca9806dPpPMOdIkloAcY2NkgAfskzguhFncxt6p0zsAGc5ydUR35rmrJpiy07722ll95h3TA
homA0ki6IOrHBV2rTHRZdtDy0m9PRfgMIDm7xrOtMpcZ2izKXtt1n0lrWviZa0YZZnGDs3rI0oWOo3i4CZwnEyM+uVlWe2c+5rHOdMOvbCIl0OOOrcs+jRc4BzjfE4i
QDOvBc7yvw6S4z5cNb6hfa6tR5k3ro4NAaO4dsoR7y511okn1iuydyQFSo4NYA0mQ51VzXY4m9eDtZKz9P6Dp2Njebqse97i17A8Pc0QHAyA3o4xlnrOr14Zamnny m7
tgP1U24ndrJ1qNowAY04DFx2u+Qy7UnvuYe+cz8O0fa8OOUG5K75X7HiItbgojNWnJUytouupKF5JRHtr77hBxGeQB7c07y8zOvPBUmplH9lYyrJhpk68csSMew9i8m
nXuoLHAwcpVwYAOiJO+SrqtQsmScDGetWueQRjrhSwgZjXnMT3D5qtumKBa1vO5YyAYx2Et3owWnpXZx7uHFC1bDZ7wvUqck/ABjvITWl/IO11qNQy20tbxDTP
GSELUsAeIbbqY4MZP4z4LUfoezgY0wBOpzxic8nKqrydszmkFjoP7b9s5knWnc3A1nljA0PmNYaMd5icUSx+MEz1Iqz6OpsYGtBujIXsMSTqERiiGUGN9kR2fJNFs V
MI3eCFtLAXSMcsgT4IqpaYMNA60M+o52sncPkFLAVZagbT6RDcTgc+wKYtAOrw80A6i6JIgHf5KIY/U0kfu+bpSq0TaR8Pgk21DZ3FZTxU+B3d5EqBe/4HfcefBqm
zTT+i0nOL3Mlx1kOPUJyG4LzflmxzdJsdTYXFgpPDcdRnGMhhmu9p2h2trx+4/+lctpu0D6Q9zjAF0Y7gIGPFdelN5MZeHFWqk2nUc28TDiMGjbqxVLru133R81bp Af
WvH7R8UOuvG+2dldbtdH2R/Uq6lJuGeewfNXBqZ4UuP3NtjkjTYLWwgHAPOIA9071jNawR7XYPmtzkkP8zOym89yw2rEx73v6a32WgsGQceoDvxSdUI9gXeGf3tX
VCiSokrpMfbOzMYr7iqZMq4CV0iVEhVhuKvIVbc0CupK+EkR6INGxkSOBI81paAs90vxJJc1pkkxcvOzO58oy8NiuDw1hJ293UuGeWOXiN4yzzVFSqHteR8QPf8Akr
sYbeznHtKHbc5t1zcT2mPNFObEYziJO+dS5TbdZ9ufBInEnbsGpZ9W1AU5ccYkkme9E6cY1wIcYOMHZhB7iuar2VhpvDnvecbokmNmXnKxfLU8D7JynYbraj8cAD0
ju1Bbtao8AtnAEf2leUWexV77SWOHSBy3r1u0txf+6ujIKnyms2q0UuuoweJR2j9I06jopvY+Z9l7XTA3FeOO0PVn2Hdi6HkHYn07cwuaR0H5iPdKmh6HWeA8g5yoGsJ
mYXB/pLs73WljmiYpmfvFcrS55vsveOD3DwKaNvaxUDsEzKoAiV5/yBq1XWsipUqOHNv6L3ucJvU8YJic+1Z3KfSlqp2yqynVe1gc2G9EgdBpwBB1z2po29Q54bVY
Km9eLt5Q25v+seunTP8AIiGcrraM3tdxYwfhhTjTcewtrb151y8I50mPeH4GLKZy0tY92l91/k9X22u+2URWqBofeg3ZjDAZkkYELr05dsZeGTb/ANa/7bvEqhXWx01Hn
a53iqAV3YWhRfqUmFJylI2OS2FZ52Uqh7gsJpW5yaP1lXdZ6h/CsILM839NfESJlLUkEznYLbKymrAVVSVpCsCKgw4qRCak3FAXO9Mjuab8QSU3DT1XmzKYUzr
HerTVHoKD6h1d687oD0jZ6r2gUKjGTN4vYXzlBHSbEY7c0WxpDWhxkyMduIUL+1TD5A+0PEKKHtNlFR+ImMuv+ygLI0e73K2o7pHqTteN6moKjZBqA7FmWnlF
ZunL7uDfaY9s5yAHNEnLDeFs87sCg586vBAMKTHAHAg4oiwUGioCAJx8CoTGxEWV3TEb/BFB6RsjajyXasMt6AdoemMQ3wGtbNY9IqsnagD0Vo9lOpfaADdIw2
GCgdIaDp1Xue7Mn8vJadovxNFzWv2vaXNjWIBHimsrXtYOdcxz8SS0FoxMwAZMCYz1LI59/JOltPaqHclWRgT64rrcCMpVb345K7NOOPJLEwVnsp/R677KSMWN
e3V0gDPaIP7q9CYeHasG26DY+0/Sr7g8tuR0SyLt2cRIwnXrVmVllLNzTzu1NIe4EEEOMg59arAlbVtsgqE/ECYO3cdvrgs91gcMyOx39K6Y9XGxnLp3GhwUzySiDZX
TAg9vmFadHubF/omAQIMkESD2FbueLHGjOTroNf8A8ep/KsWSui0NZC0VjOdF7ctZjvwWS+wkawsTLHlWrjdQImLUW2ziYLgD1/JTfZQBJcIGJOK6c8WeNUUgpl
sK6xsZUnm3XozwIz4osaNccfl81fqY+zjkzYxVtnZL2jaQO1W2ygKQaahLbzrrejOOzA7irtHNaagukkjH2dmEzO9S9XH2vDL02+ZHweKSnfO/sSXDk6ad8WFRDN6vi
Uo1KsqLqz9JaOfUIcy0VKcAYMulpIMyWuacfktcsAUbiisKyaPqte59S0uqSAACxrABthuZ3rRFMgakUWJgxTShYO5K6QUU5iYUwgHcyVKzC68Tv8FehrdY2V6Zp1
G3mGJEkZGcwZzAKB6j2l7hIkauKqeAcgq7BoelQDhTaW3jJlznEmIEkmUW6jvPcsqGETknc05q80I1qJYUFKiSERze9NzZQBVWwMEPfkwtR1I+gqaljJxEbcUHn1jB
qVboE4nukprfZTOXHX1YrX0BomvTrPfUouaLrg2bpElwxwOwd61rRYHnEtIPDA59SmE1Gupd1wNWk4bepes6MsTKljoNqMa/6qn7TQfcGU5Lj62j2mSQZ2R2ld7o7
o0abdjGDsaFthlO0FRBN1t2cOi4geKoPJugPdPAvd81uOzVbys6NvL+WzWUrS2mxoaBTbgBrLn47+K521WqaZGGIW3+kN023/1sHe75rlagkQrPBRmgqwZOAxXR0b

QD+RXJ2FgC3LKf2h66ktWSp8o8aLXCeg9jseN3+ZS0L+scZjox2kfJPpSmDQeCdka8ZBHepaCpl18/ZHisZeY3PFbE/tDs/JJNzTtgTrTLvv8AEY9tj28WF34JUmaSpExf
aD8JcAfunFTed6zbYA4YwR1Ed69d6M+K806ntsCoNykSD6hcJXaGH6s3N7CWfhIUWaUrs9mo4/ah34gSuOWFxrrO7vg0einIC4ulymrN9oMdxBB7jHcjKXKoe/TI23X
A90DxWWtOmIG0pc2sejynoHMubxYf5ZR1LS9B/s1WTvcB3OgomhJp7UrqnTeHYgzvz71KAgGKa7CJLPUJiNagpazekafqFeDuUZOvDyRVBZj69ak13sU3PnUoDFA
pUHgqcpQgqAKfm5zU3A6kgDrQB2mgy6XOgBrSSTkAASSdwz7Vfoe3Mq0GVKeILG8QYxBG0LleXuk+bpCzsPSqYvjVTBxy+IiOAcsGwV302A03ublk6J4jWptZNv
TSU7yNi4Glp20AiX3uLG+IAUbXpy0Pkc4WA6mAD+KJHUVmrxYXLp0218HJrB13QfNc8TuWhbWS8kukzrOJOuTrVPM+pWt9jjQzOCJpPhSFnKkKB+Eqbi6qdprX
mBu8I/QbovY5ws11MrQ0WSCQps02ec3pk3OOSTZp6HaEHackyS+m8Ln7Z7XagnZpJLj1PLvh4M9UPzSSXBuEVF6SSzVi7Rn6xejUP1Y4J0lCr2+yE1TJMkqiWxPU
1J0kAr/IqtqSSgm3NJJJFSbq6vNO7ySSRHmPLj/nD/22eahQ9gcEklj5dZ4VhSdkkkisK3+0UI1JJWe

```
        EEWdadP2e1JJYyaxVv9diIsGaSSQrSSSSVR//2Q==" alt="card">
        <a href="#">Shop now</a>
       </div>
      </div>
    </section>
    <footer>
      <a href="#" class="footer-title">
       Back to top
      </a>
      <div class="footer-items">
       <ul>
        <h3>Get to Know Us</h3>
        <li><a href="#">About us</a></li>
        <li><a href="#">Careers</a></li>
        <li><a href="#">Press Release</a></li>
        <li><a href="#">Amazon Science</a></li>
       </ul>
       <ul>
        <h3>Connect with Us</h3>
        <li><a href="#">Facebook</a></li>
        <li><a href="#">Twitter</a></li>
        <li><a href="#">Instagram</a></li>
       </ul>
       <ul>
        <h3>Make Money with Us</h3>
        <li><a href="#">Sell on Amazon</a></li>
        <li><a href="#">Sell under Amazon Accelerator</a></li>
        <li><a href="#">Protect and Build Your Brand</a></li>
        <li><a href="#">Amazon Global Selling</a></li>
        <li><a href="#">Become an Affiliate</a></li>
        <li><a href="#">Fulfillment by Amazon</a></li>
        <li><a href="#">Advertise Your Products</a></li>
        <li><a href="#">Amazon Pay on Merchants</a></li>
       </ul>
       <ul>
        <h3>Let Us Help You</h3>
        <li><a href="#">COVID-19 and Amazon</a></li>
        <li><a href="#">Your Account</a></li>
        <li><a href="#">Return Centre</a></li>
        <li><a href="#">100% Purchase Protection</a></li>
        <li><a href="#">Amazon App Download</a></li>
        <li><a href="#">Help</a></li>
       </ul>
      </div>
    </footer>
</body>
</html>
```

CSS CODE:

```
@import url("https://fonts.googleapis.com/css2?family=Open+Sans:wght@200;300;400;500;600;700&display=swap");
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
```

```
  font-family: "Open Sans", sans-serif;
}
html {
  scroll-behavior: smooth;
}
a {
  text-decoration: none;
  color: #fff;
}
a:hover {
  color: #ddd;
}
/* Header or Navbar */
header {
  width: 100%;
  background-color: #0f1111;
}
.navbar {
  height: 60px;
  display: flex;
  align-items: center;
  justify-content: space-between;
  cursor: pointer;
  color: #fff;
  max-width: 1280px;
  margin: 0 auto;
}
.nav-logo img {
  margin-top: 10px;
  width: 128px;
}
.address .deliver {
  margin-left: 20px;
  font-size: 0.75rem;
  color: #ccc;
}
.address .map-icon {
  display: flex;
  align-items: center;
}
.nav-search {
  display: flex;
  justify-content: space-evenly;
  max-width: 620px;
  width: 100%;
  height: 40px;
  border-radius: 4px;
}
.select-search {
  background: #f3f3f3;
  width: 50px;
  text-align: center;
  border-top-left-radius: 4px;
  border-bottom-left-radius: 4px;
  border: none;
}
.search-input {
  max-width: 600px;
  width: 100%;
  font-size: 1rem;
  border: none;
```

```
  outline: none;
  padding-left: 10px;
}
.search-icon {
  max-width: 45px;
  width: 100%;
  display: flex;
  justify-content: center;
  align-items: center;
  font-size: 1.2rem;
  background: #febd68;
  color: #000;
  cursor: pointer;
  border-top-right-radius: 4px;
  border-bottom-right-radius: 4px;
}
.sign-in p,
.returns p {
  font-size: 0.75rem;
}
.sign-in,
.returns span {
  font-size: 0.875rem;
  font-weight: 600;
}
.cart {
  display: flex;
}
.cart .cart-icon {
  font-size: 2.5rem
}
.cart p {
  margin-top: 20px;
  font-weight: 500;
}
.banner {
  padding: 10px 20px;
  background: #222f3d;
  color: #fff;
  font-size: 0.875rem;
}
.banner-content {
  margin: 0 auto;
  max-width: 1280px;
  display: flex;
  align-items: center;
  justify-content: space-between;
}
.panel {
  max-width: 1280px;
  display: flex;
  align-items: center;
  gap: 5px;
  cursor: pointer;
}
.panel span {
  margin-right: 7px;
}
.links {
  display: flex;
  align-items: center;
```

```
  list-style: none;
  gap: 15px;
  flex-grow: 1;
  margin-left: 15px;
}
.links a {
  padding: 10px 0;
}
.deals a {
  font-size: 0.9rem;
  font-weight: 500;
  white-space: nowrap;
}
/* Hero Section */
.hero-section {
  height: 400px;
  background-image: url("hero_image.jpg");
  background-position: center;
  background-size: cover;
}
/* Shop Section */
.shop-section {
  display: flex;
  align-items: center;
  flex-direction: column;
  background-color: #f3f3f3;
  padding: 50px 0;
}
.shop-images {
  display: grid;
  grid-template-columns: repeat(auto-fit, minmax(250px, 1fr));
  gap: 40px;
  max-width: 1280px;
  width: 100%;
}
.shop-link {
  background-color: #fff;
  padding: 30px;
  display: flex;
  cursor: pointer;
  flex-direction: column;
  white-space: nowrap;
}
.shop-link img {
  width: 100%;
  height: 280px;
  object-fit: cover;
  margin-bottom: 10px;
}
.shop-link h3 {
  margin-bottom: 10px;
}
.shop-link a {
  display: inline-block;
  margin-top: 10px;
  font-size: 0.9rem;
  color: blue;
  font-weight: 500;
  transition: color 0.3s ease;
}
.shop-link:hover a {
```

```
  color: #c7511f;
  text-decoration: underline;
}
/* Footer */
.footer-title {
  display: flex;
  align-items: center;
  justify-content: center;
  background-color: #37475a;
  color: #fff;
  font-size: 0.875rem;
  font-weight: 600;
  height: 60px;
}
.footer-items {
  display: flex;
  justify-content: space-evenly;
  width: 100%;
  margin: 0 auto;
  background: #232f3e;
}
.footer-items h3 {
  font-size: 1rem;
  font-weight: 500;
  color: #fff;
  margin: 20px 0 10px 0;
}
.footer-items ul {
  list-style: none;
  margin-bottom: 20px;
}
.footer-items li a {
  color: #ddd;
  font-size: 0.875rem;
}
.footer-items li a:hover {
  text-decoration: underline;
}
.nav-logo:hover{
scale:1.2;
}
.address:hover{
    scale:1.2;
}
.sign-in:hover{
    scale:1.2;
}
.returns:hover{
    scale:1.2;
}
.cart:hover{
    scale:1.2;
}
```

Chapter 5 CONCLUSION AND FUTURE WORK

Conclusion:

The enhancement of the login system into a comprehensive user authentication system has been successfully achieved. The project focused on implementing secure authentication practices, integrating a database for efficient user data management, and improving the overall user experience. Key goals such as secure password handling, session management, and user registration were addressed, resulting in a robust and scalable authentication system.

The system now provides users with a secure and seamless authentication process, and the implementation of logging and monitoring ensures ongoing system integrity. With thorough testing and compliance with relevant regulations, the project has laid a strong foundation for user data protection and system reliability.

Future Work:

.

Multi-Factor Authentication (MFA):

.

- Integrate multi-factor authentication to add an extra layer of security for user accounts.

.

Account Recovery Mechanism:

.

- Develop a secure mechanism for users to recover their accounts in case of forgotten passwords or compromised access.

.

Role-Based Access Control (RBAC):

.

- Implement role-based access control to manage different levels of user permissions within the system.

.

Integration with Third-Party Authentication Providers:

.

- Allow users to log in using third-party authentication providers (e.g., Google, Facebook) for added convenience.

.

Improved User Feedback:

.

- Enhance the user interface to provide more informative and user-friendly feedback during the authentication and registration processes.

.

Performance Optimization:

.

- Continuously monitor and optimize system performance to ensure efficient handling of increasing user loads.

.

Regular Security Audits:

.

- Conduct regular security audits to identify and address emerging threats and vulnerabilities.

.

Continuous Documentation and Training:

.

- Maintain up-to-date documentation for developers and administrators and provide ongoing training to ensure proper system usage.

.

Scalability Measures:

.

- Implement additional scalability measures to handle a growing user base and increased system demands.

.

User Analytics:

.

- Integrate user analytics to gain insights into user behavior and preferences, aiding in system improvements.

.

Community Engagement:

.

- Establish a user community for feedback, suggestions, and issue reporting, fostering a collaborative approach to system development.

.

Adoption of Emerging Technologies:

.

- Stay informed about new technologies and security practices to adopt innovations that enhance system functionality and resilience.

By addressing these future work items, the user authentication system can evolve to meet changing user needs and industry standards, ensuring its continued success and relevance in the dynamic landscape of web security and user authentication.

This conclusion and future work section provides a roadmap for ongoing improvements and developments, reflecting a commitment to the system's sustainability, security, and adaptability to emerging trends.