



IT Group Project

Phase 5: Implementation

Phase

Group 3

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5.1 Introduction:

The implementation phase is a crucial step in the development lifecycle of the farm management system. During this phase, the developed software is put into operation within a real-world environment. This document outlines the coding, testing, deployment, and training activities undertaken to ensure the system meets its intended goals effectively.

5.2 Coding:

All codes

About-us

Frontend:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>About Us - Green Farming Management System</title>
```

```
  <link rel="stylesheet" href="about1.css">
```

```
  <link href="https://fonts.googleapis.com/icon?family=Material+Icons" rel="stylesheet">
```

```
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.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&icon_names=home" />
```

```
</head>
```

```
<body>
```

```
  <header>
```

```
    <nav>
```

```
      <div>FARMING MANAGEMENT SYSTEM</div>
```

```
      <ul>
```

```
        <li><a href="../home/home.html"><i class="fa-solid fa-house" style="margin-right: 8px;"></i>HOME</a></li>
```

```
        <li class="dropdown">
```

```
          <a href="#" class="dropbtn"><i class="fa-thin fa-memo-circle-info"></i>INFOR</a>
```

```
          <div class="dropdown-content">
```

```
            <a href="../crops information/crops.html">CROPS Information</a>
```

```
        <a href="../inventory information/inventory.html">INVENTORY Information</a>

        <a href="../livestock information/livestock.html">LIVESTOCK Information</a>

    </div>

</li>

<li><a href="../about us/about-us.html">ABOUT US</a></li>

<li><a href="../admin login signup/login.html">LOGIN</a></li>

</ul>

</nav>

</header>
```

```
<section class="about-us">

    <h1>About Us</h1>

    <p>The Green Farming Management System (GFMS) is a digital tool designed to help

        farmers and agricultural businesses manage their farming operations more

        efficiently. It integrates various aspects of farm management into a single platform,
        allowing for better

        planning, tracking, and analysis of farming activities.</p>

</section>
```

```
<section class="platform">

    <h2>Green Farming Management SYSTEM</h2>

    <p>Green Farming Management System (GFMS) is a state-of-the-art Agricultural ERP
    solution designed to meet the evolving needs of modern agricultural producers. Built on
    cutting-edge cloud technology, GFMS enables seamless integration of all production activities,
    providing a comprehensive management platform. Producers can effortlessly oversee their
    operations, from planting to harvest, as well as logistics, inventory, and financials, all within a
    single system. The intuitive design and real-time data access help streamline decision-making
    processes, ensuring greater efficiency and productivity. GFMS is specifically tailored to address
    the challenges of agriculture, offering tools to monitor, manage, and optimize various farming
    operations.</p><br>
```

```
    <p>One of the standout features of GFMS is its accessibility. Being a true cloud-based
    platform, it allows users to access their farm data anytime, anywhere using any device with a
    web browser. Whether in the field, office, or traveling, producers can stay connected to their
    farm's critical activities. Additionally, GFMS offers advanced analytics and reporting, helping
```

farmers make data-driven decisions to maximize yields, reduce waste, and improve overall profitability. This robust ERP system is transforming the agricultural industry by providing producers with a scalable and flexible solution that grows with their business.</p>

</section>

<section class="team">

<h2>Who We Are</h2>

<h3>Meet the Team</h3>

<div class="team-wrapper">

<!-- Top row with 1 member -->

<div class="team-row">

<div class="team-member">

<h4>METCHIS MATHOMBE</h4>

<p>DEVELOPER & DATABASE ANALYST</p>

</div>

</div>

<!-- Second row with 4 members -->

<div class="team-row">

<div class="team-member">

<h4>KELEBOGILE MAEMA-</h4>

<p>PROJECT MANAGER</p>

</div>

<div class="team-member">

<h4>CLERENCE NGOEPE</h4>

<p>SYSTEM DEVELOPER</p>

</div>

```
<div class="team-member">
  
  <h4>TSHEPANG NGULUBE</h4>
  <p>DEVELOPER & BUSINESS ANALYST</p>
</div>
```

```
<div class="team-member">
  
  <h4>BONGANI</h4>
  <p>UI/UX DESIGNER</p>
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</section>
```

```
<section class="contact">
```

```
<h2>Contact Us</h2>
```

```
<div class="address">
```

```
<div class="office">
```

```
<h3>Head Office</h3>
```

```
<p>Tzaneen Medical Park<br>
```

```
Ivory Tusk Lodge<br>
```

```
Office E6, 75 Douglas St<br>
```

```
Aqua Park, Tzaneen<br>
```

```
0850</p>
```

```
<div class="map">
```

```
<iframe src="https://www.google.com/maps/embed?pb=!1m18..." width="400"
height="200" style="border:0;" allowfullscreen="" loading="lazy"></iframe>
```

```
</div>
```

```

</div>

</div>

</div>

<div class="contact-info">

    <p>Email: <a href="famingMMS@gmail.com">famingMMS@gmail.com</a></p>

    <p>Phone: +27 72 755 2147</p>

</div>

<div class="social-media">

    <a href="https://www.facebook.com/farming-management" target="_blank"></a>

    <a href="https://www.twitter.com/farming-management" target="_blank"></a>

    <a href="https://www.linkedin.com/farming-management" target="_blank"></a>

</div>

</section>

<footer class="text-center mt-4">

    <p class="translate" data-translate="footerText">&copy; 2024 FMS Inventory. All Rights
Reserved.</p>

</footer>

<script src="about-us.js"></script>

</body>

</html>

```

Styles:

```
/* General Styles */
```

```

body {

    font-family: 'Arial', sans-serif;

    margin: 0;

    padding: 0;

    line-height: 1.6;

```

```

    background-color: #f4f4f4;
}

/* Header and Navigation */
header {
    background-color: #003b70;
    padding: 20px 0;
    color: #fff;
    box-shadow: 0 2px 5px rgba(0,0,0,0.1);
}

header .logo {
    font-size: 24px;
    font-weight: bold;
    margin-left: 20px;
}

nav ul {
    list-style: none;
    margin: 0;
    padding: 0;
    display: flex;
    justify-content: flex-end;
    align-items: center;
}

nav ul li {
    margin-right: 20px;
}

nav ul li a {

```



```
color: #fff;
text-decoration: none;
padding: 8px 15px;
transition: background-color 0.3s ease;
}
```

```
nav ul li a:hover {
    background-color: #004b85;
    border-radius: 5px;
}
```

```
/* Dropdown Menu */
.dropdown-content {
    display: none;
    position: absolute;
    background-color: #004b85;
    min-width: 150px;
    box-shadow: 0 8px 16px rgba(0, 0, 0, 0.2);
    z-index: 1;
}
```

```
.dropdown-content a {
    color: #fff;
    padding: 12px 16px;
    text-decoration: none;
    display: block;
    text-align: left;
}
```

```
.dropdown-content a:hover {
    background-color: #005c9e;
```

```
}
```

```
.dropdown:hover .dropdown-content {  
    display: block;  
}
```

```
/* About Us Section */
```

```
.about-us {  
    background-color: #fff;  
    padding: 50px 20px;  
    text-align: center;  
}
```

```
.about-us h1 {  
    color: #003b70;  
    margin-bottom: 20px;  
}
```

```
.about-us p {  
    font-size: 18px;  
    color: #333;  
    max-width: 800px;  
    margin: 0 auto;  
}
```

```
/* Platform Section */
```

```
.platform {  
    background-color: #003b70;  
    color: #fff;  
    padding: 50px 20px;  
    text-align: center;
```

```
}
```

```
.platform h2 {  
  color: #fff;  
  margin-bottom: 20px;  
}
```

```
.platform p {  
  font-size: 18px;  
  max-width: 800px;  
  margin: 0 auto;  
}
```

```
/* Team Section */
```

```
.team {  
  padding: 50px 20px;  
  text-align: center;  
}
```

```
.team h2, .team h3 {  
  color: #003b70;  
}
```

```
.team-wrapper {  
  display: flex;  
  justify-content: center;  
  gap: 20px;  
  margin-top: 20px;  
}
```

```
.team-member {
```

```
background-color: #fff;
padding: 20px;
border-radius: 8px;
box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
max-width: 200px;
}
```

```
.team-member img {
width: 100%;
border-radius: 50%;
margin-bottom: 10px;
}
```

```
.team-member h4 {
color: #003b70;
margin-bottom: 5px;
}
```

```
.team-member p {
color: #777;
font-size: 16px;
}
```

/* Contact Section */

```
.contact {
background-color: #004b85;
color: #fff;
padding: 50px 20px;
text-align: center;
}
```

```
.contact h2 {  
    color: #fff;  
    margin-bottom: 20px;  
}
```

```
.address {  
    display: flex;  
    justify-content: center;  
    gap: 40px;  
    margin-bottom: 20px;  
}
```

```
.office {  
    max-width: 300px;  
}
```

```
.map {  
    margin-top: 10px;  
}
```

```
.contact-info p {  
    font-size: 16px;  
    margin: 10px 0;  
}
```

```
.contact-info a {  
    color: #ffcc00;  
    text-decoration: none;  
}
```

```
.contact-info a:hover {
```

```

    text-decoration: underline;
}

/* Social Media Links */
.social-media a img{
    width: 32px;
    margin: 0 10px;
    transition: transform 0.3s ease;
}

.social-media a:hover img{
    transform: scale(1.1);
}

.team-wrapper {
    display: flex;
    flex-direction: column;
    align-items: center;
    gap: 40px; /* Space between rows */
}

.team-row{
    display: flex;
    justify-content: center;
    gap: 20px; /* Space between members */
}

.team-member {
    background-color: #fff;
    padding: 20px;
    border-radius: 8px;

```

```

    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    max-width: 150px;
    text-align: center;
}

.team-member img{
    width: 100%;
    border-radius: 50%;
    margin-bottom: 10px;
}

.team-member h4 {
    color: #003b70;
    margin-bottom: 5px;
}

.team-member p {
    color: #777;
    font-size: 16px;
}

footer {
    background-color:#003b70;
    color: white;
    text-align: center;
    padding: 15px 0; /* Define footer height */
    position: relative;
    bottom: 0;
    width: 100%;
    height: 60px; /* Set specific height for footer */
}

```

Scripts:

```
document.addEventListener('contextmenu', function(e) {  
    e.preventDefault();  
});
```

```
document.addEventListener('keydown',function(e)  
{  
if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {  
    e.preventDefault();  
}  
});
```

Logins:

Frontend:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Login</title>
```

```
    <link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
```

```
    <style>
```

```
        body {
```

```
            transition: background-color 0.5s ease;
```

```
            background: linear-gradient(135deg, #6fb98f, #f2a365);
```

```
            font-family: 'Arial', sans-serif;
```

```
            height: 100vh;
```

```
            display: flex;
```

```
            justify-content: center;
```

```
            align-items: center;
```

```
            margin: 0;
```

```
        }
```



```
/* Container */  
  
.container {  
    background: white;  
    padding: 2rem;  
    border-radius: 8px;  
    box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1);  
    max-width: 400px;  
    width: 100%;  
    text-align: center;  
}
```

```
/* Title Styling */  
  
h2 {  
    margin-bottom: 1.5rem;  
    font-size: 1.8rem;  
    font-weight: bold;  
    color: #333;  
}
```

```
/* Form Inputs Styling */  
  
.form-group {  
    margin-bottom: 1.2rem;  
}
```

```
.form-control {  
    width: 100%;  
    padding: 10px;  
    font-size: 1rem;  
    border: 1px solid #ddd;  
    border-radius: 4px;
```

```
    box-sizing: border-box;
    margin-bottom: 1rem;
    transition: all 0.3s;
}
```

```
.form-control:focus {
    border-color: #6fb98f;
    box-shadow: 0 0 8px rgba(111, 185, 143, 0.3);
    outline: none;
}
```

```
/* Buttons Styling */
```

```
.btn-primary {
    background-color: #6fb98f;
    border: none;
    padding: 10px 15px;
    color: white;
    font-size: 1rem;
    cursor: pointer;
    border-radius: 4px;
    transition: background-color 0.3s;
}
```

```
.btn-primary:hover {
    background-color: #5a9a7a;
}
```

```
/* Links Styling */
```

```
a {
    color: #6fb98f;
    text-decoration: none;
}
```

```

}

a:hover {
    text-decoration: underline;
}

/* Error and Success Message Styling */
.alert {
    padding: 10px;
    background-color: #f8d7da;
    color: #721c24;
    margin-bottom: 15px;
    border-radius: 4px;
}

/* OTP Form Styling */
.otp-form {
    margin-top: 20px;
    text-align: center;
}
</style>
</head>
<body>
    <div class="container mt-5">
        <h2>Login</h2>
        <form action="login.php" method="POST">
            <div class="form-group">
                <label for="username">Username:</label>
                <input type="text" class="form-control" id="username" name="username" required>
            </div>
            <div class="form-group">

```

```

        <label for="password">Password:</label>

        <input type="password" class="form-control" id="password" name="password"
required>

    </div>

    <button type="submit" class="btn btn-primary" name="login">Login</button>

</form>

<p>Don't have an account? <a href="../admin login signup/signup.html">Sign up
here</a></p>

</div>

```

```

<!-- Add JavaScript for dynamic background change -->

```

```

<script>

```

```

    const form = document.querySelector('form');

```

```

    form.addEventListener('submit', function (e) {

```

```

        e.preventDefault();

```

```

        const formData = new FormData(form);

```

```

        const username = formData.get('username');

```

```

        const password = formData.get('password');

```

```

        // Simulate backend response

```

```

        const role = (username === 'admin') ? 'admin' : 'user';

```

```

        if (role === 'admin') {

```

```

            document.body.style.backgroundColor = '#f2a365'; // Admin background

```

```

        } else {

```

```

            document.body.style.backgroundColor = '#6fb98f'; // User background

```

```

        }

```

```

        // Submit the form after setting the background

```

```

        setTimeout(() => {

```

```

        form.submit();

        }, 500); // Delay to allow the background color to change before the page redirects
    });
</script>
</body>
</html>

```

Backend:

```

<?php
// login.php

session_start();

include 'db.php'; // Include the database connection

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $username = $_POST['username'];
    $password = $_POST['password'];

    // Fetch user from the database
    $sql = "SELECT * FROM users WHERE username = ?";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("s", $username);
    $stmt->execute();
    $result = $stmt->get_result();

    if ($result->num_rows > 0) {
        $user = $result->fetch_assoc();

        // Verify password
        if (password_verify($password, $user['password'])) {
            $_SESSION['username'] = $user['username'];

```

```

$_SESSION['role'] = $user['role'];

// Redirect based on role
if ($user['role'] === 'admin') {
    header("Location: admin_dashboard.html");
} else {
    header("Location: ../E-commrce/products.html");
}
exit();
} else {
    $error = "Invalid password.";
}
} else {
    $error = "No user found with that username.";
}

$stmt->close();
$conn->close();
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login</title>
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
    <style>
        /* Your existing styles */

```

```
body {  
  transition: background-color 0.5s ease;  
  background: linear-gradient(135deg, #6fb98f, #f2a365);  
  font-family: 'Arial', sans-serif;  
  height: 100vh;  
  display: flex;  
  justify-content: center;  
  align-items: center;  
  margin: 0;  
}
```

```
/* Container */
```

```
.container {  
  background: white;  
  padding: 2rem;  
  border-radius: 8px;  
  box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1);  
  max-width: 400px;  
  width: 100%;  
  text-align: center;  
}
```

```
/* Title Styling */
```

```
h2 {  
  margin-bottom: 1.5rem;  
  font-size: 1.8rem;  
  font-weight: bold;  
  color: #333;  
}
```

```
/* Form Inputs Styling */
```

```
.form-group {  
  margin-bottom: 1.2rem;  
}
```

```
.form-control {  
  width: 100%;  
  padding: 10px;  
  font-size: 1rem;  
  border: 1px solid #ddd;  
  border-radius: 4px;  
  box-sizing: border-box;  
  margin-bottom: 1rem;  
  transition: all 0.3s;  
}
```

```
.form-control:focus {  
  border-color: #6fb98f;  
  box-shadow: 0 0 8px rgba(111, 185, 143, 0.3);  
  outline: none;  
}
```

/ Buttons Styling */*

```
.btn-primary {  
  background-color: #6fb98f;  
  border: none;  
  padding: 10px 15px;  
  color: white;  
  font-size: 1rem;  
  cursor: pointer;  
  border-radius: 4px;  
  transition: background-color 0.3s;
```



```

}

.btn-primary:hover {
    background-color: #5a9a7a;
}

/* Links Styling */
a {
    color: #6fb98f;
    text-decoration: none;
}

a:hover {
    text-decoration: underline;
}

/* Error and Success Message Styling */
.alert {
    padding: 10px;
    background-color: #f8d7da;
    color: #721c24;
    margin-bottom: 15px;
    border-radius: 4px;
}

/* OTP Form Styling */
.otp-form {
    margin-top: 20px;
    text-align: center;
}
</style>

```

```

</head>

<body>

  <div class="container mt-5">

    <h2>Login</h2>

    <?php if (!empty($error)): ?>

      <div class="alert alert-danger"><?php echo $error; ?></div>

    <?php endif; ?>

    <form action="login.php" method="POST">

      <div class="form-group">

        <label for="username">Username:</label>

        <input type="text" class="form-control" id="username" name="username" required>

      </div>

      <div class="form-group">

        <label for="password">Password:</label>

        <input type="password" class="form-control" id="password" name="password"
required>

      </div>

      <button type="submit" class="btn btn-primary" name="login">Login</button>

    </form>

    <p>Don't have an account? <a href="signup.html">Sign up here</a></p>

  </div>

</body>

</html>

```

Signup:

Frontend:

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```
<title>Signup</title>

<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

<style>

  /* General Body Styling */

  body {

    background: linear-gradient(135deg, #6fb98f, #f2a365);

    font-family: 'Arial', sans-serif;

    height: 100vh;

    display: flex;

    justify-content: center;

    align-items: center;

    margin: 0;

  }


  /* Container */

  .container {

    background: white;

    padding: 2rem;

    border-radius: 8px;

    box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1);

    max-width: 400px;

    width: 100%;

    text-align: center;

  }


  /* Title Styling */

  h2 {

    margin-bottom: 1.5rem;

    font-size: 1.8rem;

    font-weight: bold;

  }
```

```

    color: #333;
}

/* Form Inputs Styling */
.form-group {
    margin-bottom: 1.2rem;
}

.form-control {
    width: 100%;
    padding: 10px;
    font-size: 1rem;
    border: 1px solid #ddd;
    border-radius: 4px;
    box-sizing: border-box;
    margin-bottom: 1rem;
    transition: all 0.3s;
}

.form-control:focus {
    border-color: #6fb98f;
    box-shadow: 0 0 8px rgba(111, 185, 143, 0.3);
    outline: none;
}

/* Buttons Styling */
.btn-primary {
    background-color: #6fb98f;
    border: none;
    padding: 10px 15px;
    color: white;

```

```
font-size: 1rem;
cursor: pointer;
border-radius: 4px;
transition: background-color 0.3s;
}
```

```
.btn-primary:hover {
  background-color: #5a9a7a;
}
```

```
/* Links Styling */
```

```
a {
  color: #6fb98f;
  text-decoration: none;
}
```

```
a:hover {
  text-decoration: underline;
}
```

```
/* Error and Success Message Styling */
```

```
.alert {
  padding: 10px;
  background-color: #f8d7da;
  color: #721c24;
  margin-bottom: 15px;
  border-radius: 4px;
}
```

```
/* OTP Form Styling */
```

```
.otp-form {
```

```

        margin-top: 20px;
        text-align: center;
    }
</style>

</head>
<body>
    <div class="container mt-5">
        <h2>Register</h2>
        <form action="signup.php" method="POST">
            <div class="form-group">
                <label for="username">Username:</label>
                <input type="text" class="form-control" id="username" name="username" required>
            </div>
            <div class="form-group">
                <label for="email">Email:</label>
                <input type="email" class="form-control" id="email" name="email" required>
            </div>
            <div class="form-group">
                <label for="password">Password:</label>
                <input type="password" class="form-control" id="password" name="password"
required>
            </div>
            <div class="form-group">
                <label for="role">Role:</label>
                <select class="form-control" id="role" name="role" required>
                    <option value="user">Customer</option>
                    <option value="admin">Admin</option>
                </select>
                <p>By creating an account you agree to our
                    <a href="..T&C/tnc.html" target="_blank">Terms & Privacy</a>.

```

```

    </p>

    <label>
        <input type="checkbox" id="terms" name="terms"> I accept the terms and conditions
    </label>

</div>

<button type="submit" class="btn btn-primary" name="signup">Register</button>

</form>

<p>Already have an account? <a href="../admin login signup/login.html">Login
here</a></p>

</div>

</body>

</html>

```

Backend:

```

<?php
// signup.php

include 'db.php'; // Include database connection

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = password_hash($_POST['password'], PASSWORD_DEFAULT); // Hash password
    $role = $_POST['role'];

    // Handle the terms checkbox
    $terms = isset($_POST['terms']) ? 1 : 0; // 1 if checked, 0 if not

    // Check if the user already exists
    $checkUserSql = "SELECT * FROM users WHERE email = ?";
    $stmt = $conn->prepare($checkUserSql);
    $stmt->bind_param("s", $email);

```

```

$stmt->execute();

$result = $stmt->get_result();

if ($result->num_rows > 0) {
    echo "<script>alert('User already exists with this email.');"
window.location.href='signup.php';</script>";
} else {
    // Insert user into the database, including terms_accepted

    $sql = "INSERT INTO users (username, email, password, role, terms_accepted) VALUES (?,
?, ?, ?, ?)";

    $stmt = $conn->prepare($sql);

    $stmt->bind_param("ssssi", $username, $email, $password, $role, $terms);

    if ($stmt->execute()) {
        echo "<script>alert('Registration successful. You can now log in.');"
window.location.href='login.php';</script>";
    } else {
        echo "<script>alert('Error: " . $stmt->error . "');"
window.location.href='signup.php';</script>";
    }
}

$stmt->close();
$conn->close();
}
?>

Admin dashboard:

Frontend:

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

```



```

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Dashboard</title>

<!-- Font Awesome for icons -->

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<!-- Google Charts API -->

<script src="https://www.gstatic.com/charts/loader.js"></script>

<!-- Bootstrap CSS -->

<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css">

<!-- Custom CSS (optional) -->

<link rel="stylesheet" href="dashboard.css">

<style>

  /* Increased size for chart containers */

  .chart {

    width: 100%; /* Use full width of parent */

    height: 400px; /* Set a fixed height for better visibility */

    margin-bottom: 20px; /* Add some space below each chart */

  }

  .stat-card {

    transition: background-color 0.5s ease; /* Smooth transition for background color */

  }

</style>

</head>

<body>

  <div class="dashboard d-flex">

```

```

<!-- Sidebar -->

<aside class="sidebar p-3">

    <h2 class="text-primary"><i class="fas fa-tractor"></i> Farming Management
System</h2>

    <nav>

        <ul class="list-group">

            <li class="list-group-item"><a href="../admin login signup/admin_dashboard.html"><i
class="fas fa-tachometer-alt"></i> Dashboard</a></li>

            <li class="list-group-item"><a href="../crops/index.html"><i class="fas fa-
seedling"></i> Crops</a></li>

            <li class="list-group-item"><a href="../livestock/index.html"><i class="fas fa-
paw"></i> Livestock</a></li>

            <li class="list-group-item"><a href="../Fields/fields.html"><i class="fas fa-map-
marked-alt"></i> Fields</a></li>

            <li class="list-group-item"><a href="../reports/reports.html"><i class="fas fa-file-
alt"></i> Reports</a></li>

            <li class="list-group-item"><a href="../inventory/index.html"><i class="fas fa-
warehouse"></i> Inventory</a></li>

            <li class="list-group-item"><a href="../labour/labour.html"><i class="fas fa-
tasks"></i> labour</a></li>

            <li class="list-group-item"><a href="../order/index.html"><i class="fas fa-boxes"></i>
Orders</a></li>

            <li class="list-group-item"><a href="../products/product.html"><i class="fas fa-
tasks"></i> Products</a></li>

        </ul>

    </nav>

    <div class="sidebar-footer mt-4">

        <a href="../chatbot/index.html" class="btn btn-outline-primary btn-sm d-block mb-
2"><i class="fas fa-headset"></i> Support</a>

        <a href="settings.html" class="btn btn-outline-secondary btn-sm d-block mb-2" data-
bs-toggle="modal" data-bs-target="#profileModal"><i class="fas fa-cogs"></i> Settings</a>

        <button class="signout-button"
onclick="window.location.href='../home/home.html'">Sign Out</button>

    </div>

</aside>

```

```

<!-- Main Content -->

<main class="main-content container-fluid">

  <!-- Header with Search and Profile -->

  <header class="d-flex justify-content-between align-items-center p-3 border-bottom">

    <div class="search-language d-flex">

      <input type="text" class="form-control me-2" placeholder="Search here..."
id="search-bar">

      <button id="search-btn" class="btn btn-primary"><i class="fas fa-
search"></i></button>

    </div>

    <div class="user-profile d-flex align-items-center">

      <span id="user-name" class="me-2">Hi, Username</span> <!-- Username will be
replaced dynamically -->

      <div class="dropdown ms-3">

        <button class="btn btn-secondary dropdown-toggle" type="button" data-bs-
toggle="dropdown" aria-expanded="false">

          Profile

        </button>

        <ul class="dropdown-menu">

          <li><a class="dropdown-item" href="#" id="edit-profile">Edit Profile</a></li>

          <li><a class="dropdown-item" href="#" id="change-picture" data-bs-
toggle="modal" data-bs-target="#profileModal">Change Picture</a></li>

          <li><a class="dropdown-item" href="#" id="sign-out">Sign Out</a></li>

        </ul>

      </div>

    </div>

  </header>

```

```

<!-- Stats Overview -->

<section class="stats-overview row text-center mt-4">

  <div class="col-md-4">

    <div class="stat-card p-3 border rounded" id="total-crops-card" data-bs-
toggle="modal" data-bs-target="#totalCropsModal">

      <i class="fas fa-seedling fa-2x text-success"></i>

      <p class="mt-2">300 Total Crops</p>

    </div>

  </div>

  <div class="col-md-4">

    <div class="stat-card p-3 border rounded" id="total-livestock-card" data-bs-
toggle="modal" data-bs-target="#totalLivestockModal">

      <i class="fas fa-paw fa-2x text-warning"></i>

      <p class="mt-2">120 Total Livestock</p>

    </div>

  </div>

  <div class="col-md-4">

    <div class="stat-card p-3 border rounded" id="total-employees-card" data-bs-
toggle="modal" data-bs-target="#totalEmployeesModal">

      <i class="fas fa-users fa-2x text-primary"></i>

      <p class="mt-2">85 Total Employees</p>

    </div>

  </div>

</section>

<!-- Modals -->

<!-- Total Crops Modal -->

<div class="modal fade" id="totalCropsModal" tabindex="-1" aria-
labelledby="totalCropsModalLabel" aria-hidden="true">

  <div class="modal-dialog modal-lg">

    <div class="modal-content">

```

```

    <div class="modal-header">

        <h5 class="modal-title" id="totalCropsModalLabel">Total Crops</h5>

        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-
label="Close"></button>

    </div>

    <div class="modal-body">

        <table class="table table-striped">

            <thead>

                <tr>

                    <th>#</th>

                    <th>Crop Name</th>

                </tr>

            </thead>

            <tbody id="crops-table-body">

                <!-- Crops data will be dynamically inserted here -->

            </tbody>

        </table>

    </div>

</div>

</div>

</div>

<!-- Total Livestock Modal -->

<div class="modal fade" id="totalLivestockModal" tabindex="-1" aria-
labelledby="totalLivestockModalLabel" aria-hidden="true">

    <div class="modal-dialog modal-lg">

        <div class="modal-content">

            <div class="modal-header">

                <h5 class="modal-title" id="totalLivestockModalLabel">Total Livestock</h5>

                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-
label="Close"></button>

            </div>

```

```

<div class="modal-body">

  <table class="table table-striped">

    <thead>

      <tr>

        <th>#</th>

        <th>Livestock Type</th>

        <th>Name</th>

      </tr>

    </thead>

    <tbody id="livestock-table-body">

      <!-- Livestock data will be dynamically inserted here -->

    </tbody>

  </table>

</div>

</div>

</div>

</div>

```

```

<!-- Total Employees Modal -->

<div class="modal fade" id="totalEmployeesModal" tabindex="-1" aria-
labelledby="totalEmployeesModalLabel" aria-hidden="true">

  <div class="modal-dialog modal-lg">

    <div class="modal-content">

      <div class="modal-header">

        <h5 class="modal-title" id="totalEmployeesModalLabel">Total Employees</h5>

        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-
label="Close"></button>

      </div>

      <div class="modal-body">

        <table class="table table-striped">

          <thead>

```

```

        <tr>
            <th>#</th>
            <th>Name</th>
            <th>Surname</th>
            <th>Contact</th>
            <th>Address</th>
            <th>Position</th>
            <th>Gender</th>
            <th>Race</th>
            <th>ID</th>
        </tr>
    </thead>
    <tbody id="employees-table-body">
        <!-- Employee data will be dynamically inserted here -->
    </tbody>
</table>
</div>
</div>
</div>
</div>

```

```

<!-- Charts Section -->

```

```

<section class="charts row mt-4">

```

```

    <div id="revenue-chart" class="chart col-md-6"></div>

```

```

    <div id="yield-chart" class="chart col-md-6"></div>

```

```

    <div id="top-products-chart" class="chart col-md-6 mt-4"></div>

```

```

    <div id="soil-moisture-chart" class="chart col-md-6 mt-4"></div>

```

```

</section>

```

```

<!-- Tasks and Weather Section -->

```

```

<section class="tasks-weather row mt-4">

```

```

<div id="tasks" class="tasks col-md-6">

  <h3><i class="fas fa-tasks"></i> Tasks</h3>

  <ul class="list-group">

    <li class="list-group-item">Check Field A Crops - <i class="fas fa-check-circle text-
success"></i> Completed</li>

    <li class="list-group-item">Trim Farm Area - <i class="fas fa-spinner text-
warning"></i> In Progress</li>

    <li class="list-group-item">Assemble Tools - <i class="fas fa-times-circle text-
danger"></i> Incomplete</li>

  </ul>

</div>

```

```

<div class="row d-flex justify-content-center py-5">

```

```

  <div class="col-md-8 col-lg-6 col-xl-5">

```

```

    <div class="card text-body" style="border-radius: 35px;">

```

```

      <div class="card-body p-4">

```

```

        <div class="d-flex">

```

```

          <h6 class="flex-grow-1">Pretoria</h6>

```

```

          <h6>15:07</h6>

```

```

        </div>

```

```

      <div class="d-flex flex-column text-center mt-5 mb-4">

```

```

        <h6 class="display-4 mb-0 font-weight-bold">13°C</h6>

```

```

        <span class="small" style="color: #868B94">Stormy</span>

```

```

      </div>

```

```

    <div class="d-flex align-items-center">

```

```

      <div class="flex-grow-1" style="font-size: 1rem;">

```

```

        <div><i class="fas fa-wind fa-fw" style="color: #868B94;"></i> <span class="ms-
1"> 40 km/h

```



```

        </span>
    </div>
    <div><i class="fas fa-tint fa-fw" style="color: #868B94;"></i> <span class="ms-
1"> 84%

    </span></div>
    <div><i class="fas fa-sun fa-fw" style="color: #868B94;"></i> <span class="ms-
1"> 0.2h

    </span></div>
</div>
<div>
    
    </div>
</div>

</div>
</div>

</div>
</div>
</section>

</main>
</div>

```

```

<!-- Profile Modal -->
<div class="modal fade" id="profileModal" tabindex="-1" aria-labelledby="profileModalLabel"
aria-hidden="true">
    <div class="modal-dialog">

```

```

<div class="modal-content">

  <div class="modal-header">

    <h5 class="modal-title" id="profileModalLabel">Edit Profile</h5>

    <button type="button" class="btn-close" data-bs-dismiss="modal" aria-
label="Close"></button>

  </div>

  <div class="modal-body">

    <form id="profile-form">

      <div class="mb-3">

        <label for="username" class="form-label">Username</label>

        <input type="text" class="form-control" id="username" required>

      </div>

      <div class="mb-3">

        <label for="name" class="form-label">Name</label>

        <input type="text" class="form-control" id="name" required>

      </div>

      <div class="mb-3">

        <label for="surname" class="form-label">Surname</label>

        <input type="text" class="form-control" id="surname" required>

      </div>

      <div class="mb-3">

        <label for="contact" class="form-label">Contact</label>

        <input type="text" class="form-control" id="contact" required>

      </div>

      <div class="mb-3">

        <label for="address" class="form-label">Address</label>

        <input type="text" class="form-control" id="address" required>

      </div>

      <div class="mb-3">

        <label for="language" class="form-label">Language</label>

        <select class="form-select" id="language" required>

```

```

        <option value="en">English</option>
        <option value="sesotho">Sesotho</option>
        <option value="zulu">Zulu</option>
        <option value="chinese">Chinese</option>
        <option value="french">French</option>
        <option value="afrikaans">Afrikaans</option>
    </select>
</div>

<div class="mb-3">
    <label for="profile-pic-upload" class="form-label">Profile Picture</label>
    <input type="file" class="form-control" id="profile-pic-upload" accept="image/*">
</div>

<button type="submit" class="btn btn-primary">Save Changes</button>
</form>
</div>
</div>
</div>
</div>

<!-- Bootstrap JS -->

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

<!-- Custom JS -->

<script>

    // Get the username from localStorage and display it
    window.onload = function() {
        const username = localStorage.getItem('username');
        const name = localStorage.getItem('name');
    }

```

```

const surname = localStorage.getItem('surname');
const contact = localStorage.getItem('contact');
const address = localStorage.getItem('address');
const profilePic = localStorage.getItem('profilePic');

if (username) {
    document.getElementById('user-name').textContent = `Hi, ${username}`;
    document.getElementById('username').value = username;
    document.getElementById('name').value = name || '';
    document.getElementById('surname').value = surname || '';
    document.getElementById('contact').value = contact || '';
    document.getElementById('address').value = address || '';
    document.getElementById('profile-pic').src = profilePic || 'default-profile.png';
} else {
    document.getElementById('user-name').textContent = "Hi, Guest";
}

// Start color change function for stats overview
changeStatCardColors();
};

function signOut() {
    localStorage.removeItem('username');
    localStorage.removeItem('name');
    localStorage.removeItem('surname');
    localStorage.removeItem('contact');
    localStorage.removeItem('address');
    localStorage.removeItem('profilePic');
    window.location.href = 'home.html'; // Redirect to home page
}

```

```

function changeStatCardColors() {

  const colors = ['#f8d7da', '#d1ecf1', '#d4edda', '#fff3cd', '#cce5ff', '#e2e3e5'];

  let index = 0;

  setInterval(() => {

    const statCards = document.querySelectorAll('.stat-card');

    statCards.forEach(card => {

      card.style.backgroundColor = colors[index];

    });

    index = (index + 1) % colors.length; // Cycle through colors

  }, 5000); // Change color every 5 seconds

}

// Search functionality

document.getElementById('search-btn').addEventListener('click', function() {

  const query = document.getElementById('search-bar').value;

  alert('Search functionality not implemented. Search query: ' + query);

});

// Load Google Charts and draw charts

google.charts.load('current', { 'packages': ['corechart'] });

google.charts.setOnLoadCallback(drawCharts);

function drawCharts() {

  drawRevenueChart();

  drawYieldChart();

  drawTopProductsChart();

  drawSoilMoistureChart();

}

```

```

function drawRevenueChart() {

    var data = google.visualization.arrayToDataTable([

        ['Year', 'Revenue'],

        ['2019', 1000],

        ['2020', 1170],

        ['2021', 660],

        ['2022', 1030]

    ]);

    var options = {

        title: 'Total Revenue',

        legend: { position: 'bottom' }

    };


    var chart = new google.visualization.LineChart(document.getElementById('revenue-chart'));

    chart.draw(data, options);

}

```

```

function drawYieldChart() {

    var data = google.visualization.arrayToDataTable([

        ['Year', 'Yield'],

        ['2019', 400],

        ['2020', 460],

        ['2021', 1120],

        ['2022', 540]

    ]);

    var options = {

        title: 'Yield Predictions',

        legend: { position: 'bottom' }

    };

```

```
var chart = new google.visualization.LineChart(document.getElementById('yield-chart'));  
chart.draw(data, options);  
}
```

```
function drawTopProductsChart() {  
  var data = google.visualization.arrayToDataTable([  
    ['Product', 'Quantity Sold'],  
    ['Wheat', 300],  
    ['Corn', 200],  
    ['Rice', 150],  
    ['Soybeans', 100]  
  ]);  
  var options = {  
    title: 'Top Products',  
    pieHole: 0.4,  
    legend: { position: 'bottom' }  
  };  
}
```

```
var chart = new google.visualization.PieChart(document.getElementById('top-products-chart'));  
chart.draw(data, options);  
}
```

```
function drawSoilMoistureChart() {  
  var data = google.visualization.arrayToDataTable([  
    ['Field', 'Moisture Level'],  
    ['Field A', 20],  
    ['Field B', 40],  
    ['Field C', 30],  
    ['Field D', 10]  
  ]);  
}
```

```

var options = {
    title: 'Soil Moisture Levels',
    hAxis: { title: 'Field' },
    vAxis: { title: 'Moisture Level (%)' },
    legend: { position: 'bottom' }
};

var chart = new google.visualization.BarChart(document.getElementById('soil-moisture-chart'));
chart.draw(data, options);
}

// Profile update form submission
document.getElementById('profile-form').addEventListener('submit', function(event) {
    event.preventDefault(); // Prevent default form submission

    // Get form values
    const username = document.getElementById('username').value;
    const name = document.getElementById('name').value;
    const surname = document.getElementById('surname').value;
    const contact = document.getElementById('contact').value;
    const address = document.getElementById('address').value;
    const profilePicUpload = document.getElementById('profile-pic-upload');

    // Handle profile picture upload
    if (profilePicUpload.files.length > 0) {
        const reader = new FileReader();
        reader.onload = function(e) {
            localStorage.setItem('profilePic', e.target.result);
            document.getElementById('profile-pic').src = e.target.result; // Update profile picture
        };
    }
};

```



```

        reader.readAsDataURL(profilePicUpload.files[0]);
    }

    // Save data to local storage
    localStorage.setItem('username', username);
    localStorage.setItem('name', name);
    localStorage.setItem('surname', surname);
    localStorage.setItem('contact', contact);
    localStorage.setItem('address', address);

    // Close the modal
    var profileModal =
bootstrap.Modal.getInstance(document.getElementById('profileModal'));
    profileModal.hide();
});
</script>
<script>
    // Simulate data for crops, livestock, and employees
    const cropsData = [
        { id: 1, name: 'Wheat' },
        { id: 2, name: 'Corn' },
        { id: 3, name: 'Rice' }
    ];

    const livestockData = [
        { id: 1, type: 'Cattle', name: 'Bessie' },
        { id: 2, type: 'Sheep', name: 'Dolly' },
        { id: 3, type: 'Goat', name: 'Billy' }
    ];

    const employeesData = [

```

```
    { id: 1, name: 'John', surname: 'Doe', contact: '123456789', address: '123 Farm Lane',  
      position: 'Manager', gender: 'Male', race: 'White', idNumber: '001' },
```

```
    { id: 2, name: 'Jane', surname: 'Smith', contact: '987654321', address: '456 Rural Rd',  
      position: 'Worker', gender: 'Female', race: 'Black', idNumber: '002' }
```

```
];
```

```
// Load crops data into the crops table
```

```
const cropsTableBody = document.getElementById('crops-table-body');
```

```
cropsData.forEach(crop => {
```

```
    const row = document.createElement('tr');
```

```
    row.innerHTML = `<td>${crop.id}</td><td>${crop.name}</td>`;
```

```
    cropsTableBody.appendChild(row);
```

```
});
```

```
// Load livestock data into the livestock table
```

```
const livestockTableBody = document.getElementById('livestock-table-body');
```

```
livestockData.forEach(livestock => {
```

```
    const row = document.createElement('tr');
```

```
    row.innerHTML =
```

```
`<td>${livestock.id}</td><td>${livestock.type}</td><td>${livestock.name}</td>`;
```

```
    livestockTableBody.appendChild(row);
```

```
});
```

```
// Load employees data into the employees table
```

```
const employeesTableBody = document.getElementById('employees-table-body');
```

```
employeesData.forEach(employee => {
```

```
    const row = document.createElement('tr');
```

```
    row.innerHTML =
```

```
`<td>${employee.id}</td><td>${employee.name}</td><td>${employee.surname}</td><td>${employee.contact}</td><td>${employee.address}</td><td>${employee.position}</td><td>${employee.gender}</td><td>${employee.race}</td><td>${employee.idNumber}</td>`;
```

```
    employeesTableBody.appendChild(row);
```

```
});
```

```

    // Your other custom JS code for charts, etc.

</script>

<!-- Footer -->

<footer class="text-center ">

    <p class="translate" data-translate="footerText">&copy; 2024 FMS Inventory. All Rights
Reserved.</p>

</footer>

</body>

</html>

```

Scripts:

```

// Load Google Charts

google.charts.load('current', { packages: ['corechart'] });
google.charts.setOnLoadCallback(drawCharts);

function drawCharts() {
    // Revenue & Yield Line Charts

    var revenueData = google.visualization.arrayToDataTable([
        ['Month', 'Revenue'],
        ['January', 1000],
        ['February', 1170],
        ['March', 660],
        ['April', 1030]
    ]);

    var revenueOptions = {
        title: 'Total Revenue & Revenue',
        curveType: 'function',
        legend: { position: 'bottom' }
    };
}

```

```
var revenueChart = new google.visualization.LineChart(document.getElementById('revenue-chart'));
```

```
revenueChart.draw(revenueData, revenueOptions);
```

```
var yieldData = google.visualization.arrayToDataTable([
```

```
    ['Month', 'Yield'],
```

```
    ['January', 800],
```

```
    ['February', 1230],
```

```
    ['March', 720],
```

```
    ['April', 930]
```

```
]);
```

```
var yieldOptions = {
```

```
    title: 'Yield Predictions',
```

```
    curveType: 'function',
```

```
    legend: { position: 'bottom' }
```

```
};
```

```
var yieldChart = new google.visualization.LineChart(document.getElementById('yield-chart'));
```

```
yieldChart.draw(yieldData, yieldOptions);
```

```
// Top Products Bar Chart
```

```
var productData = google.visualization.arrayToDataTable([
```

```
    ['Product', 'Quantity'],
```

```
    ['Cows', 50],
```

```
    ['Chickens', 40],
```

```
    ['Goats', 30],
```

```
    ['Sheep', 20]
```

```
]);
```

```

var productOptions = {
    title: 'Top Products',
    legend: { position: 'bottom' }
};

var productChart = new google.visualization.BarChart(document.getElementById('top-products-chart'));
productChart.draw(productData, productOptions);

// Soil Moisture Pie Chart
var moistureData = google.visualization.arrayToDataTable([
    ['Level', 'Percentage'],
    ['High', 20],
    ['Medium', 40],
    ['Low', 40]
]);

var moistureOptions = {
    title: 'Soil Moisture Levels',
    pieHole: 0.4,
    legend: { position: 'bottom' }
};

var moistureChart = new google.visualization.PieChart(document.getElementById('soil-moisture-chart'));
moistureChart.draw(moistureData, moistureOptions);
}

// Upload profile picture functionality
document.getElementById('profile-pic-upload').addEventListener('change', function (event) {
    const file = event.target.files[0];

```

```

const reader = new FileReader();
reader.onload = function () {
    const userProfile = document.querySelector('.user-profile i');
    userProfile.style.backgroundImage = `url(${reader.result})`;
    userProfile.style.backgroundSize = 'cover';
    userProfile.style.borderRadius = '50%';
    userProfile.style.width = '40px';
    userProfile.style.height = '40px';
};
reader.readAsDataURL(file);
});

// Language select functionality
document.getElementById('language-select').addEventListener('change', function () {
    const selectedLanguage = this.value;
    updateContent(selectedLanguage); // Call the function to update content based on selected language
});

// Change box colors at intervals
function changeBoxColors() {
    const boxes = document.querySelectorAll('.stat-card');
    const colors = ['#e74c3c', '#3498db', '#2ecc71', '#f39c12', '#9b59b6'];

    boxes.forEach(box => {
        const randomColor = colors[Math.floor(Math.random() * colors.length)];
        box.style.backgroundColor = randomColor;
    });
}

changeBoxColors();

```

```

setInterval(changeBoxColors, 200000); // Changes colors every 200 seconds

// Get user location and display weather information
navigator.geolocation.getCurrentPosition(success);

function success(position) {
  const lat = position.coords.latitude;
  const lon = position.coords.longitude;
  const apiKey = 'YOUR_OPENWEATHERMAP_API_KEY'; // Update with your actual API key
  const apiUrl =
`https://api.openweathermap.org/data/2.5/weather?lat=${lat}&lon=${lon}&appid=${apiKey}&u
nits=metric`;

  fetch(apiUrl)
    .then(response => response.json())
    .then(data => {
      // Update weather information dynamically
      const weatherEl = document.getElementById('weather');
      weatherEl.innerHTML = `
        <h3><i class="fas fa-cloud-sun"></i> Weather</h3>
        <p><i class="fas fa-calendar-day"></i> ${new Date().toLocaleDateString()}</p>
        <p><i class="fas fa-thermometer-half"></i> ${data.main.temp}°C,
        ${data.weather[0].description}</p>
        <p><i class="fas fa-tint"></i> Precipitation: ${data.clouds.all}%</p>
        <p><i class="fas fa-water"></i> Humidity: ${data.main.humidity}%</p>
      `;
    })
    .catch(error => console.error('Error fetching weather:', error));
}

// Edit profile functionality
document.getElementById('edit-profile').addEventListener('click', function () {

```

```

// Show profile editing modal or form

const profileForm = `
  <form id="profile-form">
    <label for="first-name">First Name:</label>
    <input type="text" id="first-name" value="John"><br>
    <label for="last-name">Last Name:</label>
    <input type="text" id="last-name" value="Doe"><br>
    <label for="address">Address:</label>
    <input type="text" id="address" value="123 Farm Lane"><br>
    <label for="contact">Contact:</label>
    <input type="text" id="contact" value="555-1234"><br>
    <button type="submit">Save Changes</button>
  </form>
`;

document.body.innerHTML += profileForm;

document.getElementById('profile-form').addEventListener('submit', function (e) {
  e.preventDefault();

  const firstName = document.getElementById('first-name').value;
  const lastName = document.getElementById('last-name').value;
  const address = document.getElementById('address').value;
  const contact = document.getElementById('contact').value;

  // Save user details (e.g., to local storage, or a database)
  alert('Profile updated successfully!');
});

// Change profile picture functionality

document.getElementById('change-picture').addEventListener('click', function () {
  document.getElementById('profile-pic-upload').click();
});

```



```
});
```

```
// Prevent right-click context menu
```

```
document.addEventListener('contextmenu', function(e) {  
    e.preventDefault();  
});
```

```
// Disable Ctrl+U and Ctrl+S
```

```
document.addEventListener('keydown', function(e) {  
    if (e.ctrlKey && (e.key === 'u' || e.key === 's')) {  
        e.preventDefault();  
    }  
});
```

```
// Language Translations
```

```
document.addEventListener('DOMContentLoaded', function () {  
    const translations = {  
        en: {  
            title: "FMS Inventory",  
            dashboard: "Dashboard",  
            crops: "Crops",  
            livestock: "Livestock",  
            fields: "Fields",  
            expenses: "Expenses",  
            inventory: "Inventory",  
            orders: "Orders",  
            labour: "Labour",  
            products: "Products",  
            searchPlaceholder: "Search here...",  
            addNewItem: "+ Add New Item",  
            export: "Export",
```

```

generateReport: "Generate Report",
itemName: "Item Name",
category: "Category",
quantity: "Quantity",
unit: "Unit",
lastUpdated: "Last Updated",
status: "Status",
action: "Action",
previous: "Previous",
next: "Next",
footerText: "&copy; 2024 FMS Inventory. All Rights Reserved.",
contactUs: "Contact us:",
supportEmail: "support@example.com",
notifications: "Notifications"
},
// Additional languages omitted for brevity...
};

function updateContent(language) {
  // Change the title of the page
  document.title = translations[language].title;

  // Update sidebar links
  document.querySelectorAll('nav .translate').forEach(item => {
    item.textContent = translations[language][item.dataset.translate];
  });

  // Update header inputs and buttons
  document.querySelectorAll('.translate').forEach(item => {
    if (item.tagName.toLowerCase() === 'input') {
      item.placeholder = translations[language][item.dataset.translate];
    }
  });
}

```

```

    } else {
        item.textContent = translations[language][item.dataset.translate];
    }
});

// Update table headers
const tableHeaders = document.querySelectorAll("#inventory-table th");
tableHeaders.forEach(header => {
    header.textContent = translations[language][header.dataset.translate];
});

// Update footer content
const footer = document.querySelector("footer");
footer.innerHTML = `${translations[language].footerText} <br>
${translations[language].contactUs} <a
href="mailto:${translations[language].supportEmail}">${translations[language].supportEmail}<
/a>`;
}

// Initialize content with default language
updateContent('en'); // Default to English
});

```

Styles:

```

body {
    font-family: Arial, sans-serif;
    margin: 0;
    padding: 0;
    background: #c5edf5;
}

```

```

.dashboard {
    display: flex;
}

/* Updated Sidebar Background Color to Lime Sky Blue */
.sidebar {
    background-color: #00c04b; /* Sky Blue */
    color: white;
    width: 200px;
    padding: 20px;
}

.sidebar h2 {
    margin-bottom: 20px;
    display: flex;
    align-items: center;
    font-size: 1.5rem;
}

.sidebar h2 i {
    margin-right: 10px;
}

.sidebar nav ul {
    list-style-type: none;
    padding: 0;
}

.sidebar nav ul li {
    margin: 10px 0;
}

```

```

    cursor: pointer;

    display: flex;

    align-items: center;
}

.sidebar nav ul li i {
    margin-right: 10px;
}

ul {
    background: #000;
}

.sidebar nav ul li a {
    color: #495057;
    text-decoration: none;
    display: block;

    padding: 12px 15px; /* Add padding for clickable area */
    border-radius: 5px; /* Rounded corners for links */
    border: none;
    background-color: white; /* Link background color */
    border-radius: 5px; /* Rounded corners for links */
    transition: background-color 0.3s, color 0.3s; /* Transition effects */
}

.sidebar ul li a:hover,
.sidebar ul li a.active {
    background-color: #495057; /* Hover or active background color */
    color: white; /* Change text color on hover */
}

```

```
.sidebar-footer {  
    margin-top: auto;  
}
```

```
.sidebar-footer a {  
    color: black;  
    display: block;  
    margin: 10px 0;  
    display: flex;  
    align-items: center;  
    text-decoration: none;  
}
```

```
.sidebar-footer a i {  
    margin-right: 10px;  
}
```

```
.main-content {  
    flex: 1;  
    padding: 20px;  
    background-color: #ecf0f1;  
}
```

```
header {  
    display: flex;  
    justify-content: space-between;  
    margin-bottom: 20px;  
}
```

```
/* Updated Search Bar and Language Section Color */
```

```
.search-language {
```

```
display: flex;
align-items: center;
}
```

```
#search-bar {
padding: 10px;
margin-right: 10px;
border: 1px solid #bdc3c7;
border-radius: 5px;
}
```

```
#search-btn {
background-color: #87CEFA; /* Sky Blue */
border: none;
color: white;
padding: 10px;
border-radius: 5px;
cursor: pointer;
}
```

```
#language-select {
padding: 10px;
border: 1px solid #bdc3c7;
border-radius: 5px;
}
```

```
.user-profile {
display: flex;
align-items: center;
}
```

```
#profile-pic-upload {  
  margin-left: 10px;  
}
```

```
.user-profile i {  
  font-size: 2rem;  
  margin-left: 10px;  
}
```

```
.stats-overview {  
  display: flex;  
  justify-content: space-between;  
  margin-bottom: 20px;  
}
```

```
.stat-card {  
  background-color: white;  
  padding: 20px;  
  border-radius: 5px;  
  flex: 1;  
  margin-right: 10px;  
  text-align: center;  
  display: flex;  
  align-items: center;  
  justify-content: center;  
  font-size: 1.2rem;  
}
```

```
.stat-card i {  
  margin-right: 10px;  
  padding: 20px;
```



```
border-radius: 5px;
font-size: 1.2rem;
color: white;
}
```

```
.stat-card:last-child {
  margin-right: 0;
}
```

```
.charts {
  display: grid;
  grid-template-columns: repeat(2, 1fr);
  gap: 20px;
  margin-bottom: 20px;
}
```

```
.chart {
  background-color: white;
  padding: 20px;
  border-radius: 5px;
  height: 300px;
}
```

```
.tasks-weather {
  display: flex;
  justify-content: space-between;
}
```

```
.tasks, .weather {
  background-color: white;
  padding: 20px;
```

```
border-radius: 5px;
width: 48%;
}
```

```
.tasks h3, .weather h3 {
  display: flex;
  align-items: center;
  margin-bottom: 10px;
  font-size: 1.2rem;
}
```

```
.tasks h3 i, .weather h3 i {
  margin-right: 10px;
}
```

```
/* Sign-out Button */
.signout-button {
  padding: 10px 20px;
  background-color: #f44336;
  color: white;
  border: none;
  cursor: pointer;
  font-size: 16px;
  border-radius: 5px;
}
```

```
.signout-button:hover {
  background-color: #d32f2f;
}
```

```
/* Profile Dropdown */
```

```
.dropdown {  
    position: relative;  
    display: inline-block;  
}
```

```
.dropbtn {  
    background-color: #87CEFA; /* Sky Blue */  
    color: white;  
    padding: 10px;  
    font-size: 16px;  
    border: none;  
    cursor: pointer;  
}
```

```
.dropdown-content {  
    display: none;  
    position: absolute;  
    background-color: #f9f9f9;  
    min-width: 160px;  
    box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);  
    z-index: 1;  
}
```

```
.dropdown-content a {  
    color: black;  
    padding: 12px 16px;  
    text-decoration: none;  
    display: block;  
}
```

```
.dropdown-content a:hover {
```

```

    background-color: #f1f1f1;
}

.dropdown:hover .dropdown-content {
    display: block;
}

.dropdown:hover .dropbtn {
    background-color: #66B2FF; /* Slightly darker Sky Blue */
}

/* Footer */
footer {
    background-color: #00c04b;
    color: white;
    text-align: center;
    padding: 15px 0;
    position: fixed;
    bottom: 0;
    width: 100%;
    height: 60px;
    position: relative;
}

.gradient-custom {
    /* fallback for old browsers */
    background: #ffffff;

    /* Chrome 10-25, Safari 5.1-6 */
    background: -webkit-linear-gradient(to right, rgba(255, 255, 255, 1), rgba(255, 236, 210, 1));

    /* W3C, IE 10+/ Edge, Firefox 16+, Chrome 26+, Opera 12+, Safari 7+ */

```

```
background: linear-gradient(to right, rgba(255, 255, 255, 1), rgba(255, 236, 210, 1))
}
```

```
/*
```

```
document.addEventListener('DOMContentLoaded', function () {
```

```
  const translations = {
```

```
    en: {
```

```
      title: "FMS Inventory",
```

```
      dashboard: "Dashboard",
```

```
      crops: "Crops",
```

```
      livestock: "Livestock",
```

```
      fields: "Fields",
```

```
      expenses: "Expenses",
```

```
      inventory: "Inventory",
```

```
      orders: "Orders",
```

```
      labour: "Labour",
```

```
      products: "Products",
```

```
      searchPlaceholder: "Search here...",
```

```
      addNewItem: "+ Add New Item",
```

```
      export: "Export",
```

```
      generateReport: "Generate Report",
```

```
      itemName: "Item Name",
```

```
      category: "Category",
```

```
      quantity: "Quantity",
```

```
      unit: "Unit",
```

```
      lastUpdated: "Last Updated",
```

```
      status: "Status",
```

```
      action: "Action",
```

```
      previous: "Previous",
```

```
      next: "Next",
```

```

    footerText: "&copy; 2024 FMS Inventory. All Rights Reserved.",
    contactUs: "Contact us:",
    supportEmail: "support@example.com",
    notifications: "Notifications"
  },
  fr: {
    title: "Inventaire FMS",
    dashboard: "Tableau de bord",
    crops: "Cultures",
    livestock: "Bétail",
    fields: "Champs",
    expenses: "Dépenses",
    inventory: "Inventaire",
    orders: "Commandes",
    labour: "Travail",
    products: "Produits",
    searchPlaceholder: "Rechercher ici...",
    addNewItem: "+ Ajouter un nouvel article",
    export: "Exporter",
    generateReport: "Générer un rapport",
    itemName: "Nom de l'article",
    category: "Catégorie",
    quantity: "Quantité",
    unit: "Unité",
    lastUpdated: "Dernière mise à jour",
    status: "Statut",
    action: "Action",
    previous: "Précédent",
    next: "Suivant",
    footerText: "&copy; 2024 Inventaire FMS. Tous droits réservés.",
    contactUs: "Contactez-nous:",

```

```

supportEmail: "support@example.com",
notifications: "Notifications"
},
sa: {
  title: "FMS Khabiso",
  dashboard: "Dashboard",
  crops: "Dikgwebo",
  livestock: "Bokhuts'o",
  fields: "Masimo",
  expenses: "Ditsenyo",
  inventory: "Khabiso",
  orders: "Ditsheko",
  labour: "Mehato",
  products: "Products",
  searchPlaceholder: "Batla fa...",
  addNewItem: "+ Eketsa Ntho e Ncha",
  export: "Tlhopho",
  generateReport: "Bua Khabiso",
  itemName: "Lebitso la Ntho",
  category: "Kgaolo",
  quantity: "Bongata",
  unit: "Yuniti",
  lastUpdated: "Qetello e Ncha",
  status: "Boemo",
  action: "Ts'ebetso",
  previous: "E fetileng",
  next: "E latelang",
  footerText: "&copy; 2024 FMS Khabiso. Mehlala eohle e bolokilwe.",
  contactUs: "Ikopanye le rona:",
  supportEmail: "support@example.com",
  notifications: "Diphetho"
}

```

```
},  
ja: {  
  title: "FMS在庫",  
  dashboard: "ダッシュボード",  
  crops: "作物",  
  livestock: "家畜",  
  fields: "フィールド",  
  expenses: "経費",  
  inventory: "在庫",  
  orders: "注文",  
  labour: "労働",  
  products: "製品",  
  searchPlaceholder: "ここで検索...",  
  addNewItem: "+ 新しいアイテムを追加",  
  export: "エクスポート",  
  generateReport: "レポートを生成",  
  itemName: "アイテム名",  
  category: "カテゴリ",  
  quantity: "数量",  
  unit: "単位",  
  lastUpdated: "最終更新日",  
  status: "ステータス",  
  action: "アクション",  
  previous: "前",  
  next: "次",  
  footerText: "&copy; 2024 FMS在庫。全著作権所有。",  
  contactUs: "お問い合わせ:",  
  supportEmail: "support@example.com",  
  notifications: "通知"  
},
```



```

el: {
  title: "FMS Απογραφή",
  dashboard: "Πίνακας Ελέγχου",
  crops: "Καλλιέργειες",
  livestock: "Ζώα",
  fields: "Πεδία",
  expenses: "Εξοδα",
  inventory: "Απογραφή",
  orders: "Παραγγελίες",
  labour: "Εργασία",
  products: "Προϊόντα",
  searchPlaceholder: "Αναζητήστε εδώ...",
  addNewItem: "+ Προσθήκη Νέου Στοιχείου",
  export: "Εξαγωγή",
  generateReport: "Δημιουργία Αναφοράς",
  itemName: "Όνομα Στοιχείου",
  category: "Κατηγορία",
  quantity: "Ποσότητα",
  unit: "Μονάδα",
  lastUpdated: "Τελευταία Ενημέρωση",
  status: "Κατάσταση",
  action: "Ενέργεια",
  previous: "Προηγούμενος",
  next: "Επόμενος",
  footerText: "&copy; 2024 FMS Απογραφή. Όλα τα δικαιώματα διατηρούνται.",
  contactUs: "Επικοινωνήστε μαζί μας:",
  supportEmail: "support@example.com",
  notifications: "Ειδοποιήσεις"
},
de: {
  title: "FMS Inventar",

```

```

dashboard: "Dashboard",
crops: "Pflanzen",
livestock: "Vieh",
fields: "Felder",
expenses: "Ausgaben",
inventory: "Inventar",
orders: "Bestellungen",
labour: "Arbeit",
products: "Produkte",
searchPlaceholder: "Hier suchen...",
addNewItem: "+ Neues Element hinzufügen",
export: "Exportieren",
generateReport: "Bericht erstellen",
itemName: "Artikelname",
category: "Kategorie",
quantity: "Menge",
unit: "Einheit",
lastUpdated: "Zuletzt aktualisiert",
status: "Status",
action: "Aktion",
previous: "Vorherige",
next: "Nächste",
footerText: "&copy; 2024 FMS Inventar. Alle Rechte vorbehalten.",
contactUs: "Kontaktieren Sie uns:",
supportEmail: "support@example.com",
notifications: "Benachrichtigungen"
},
zh: {
  title: "FMS 库存",
  dashboard: "仪表板",

```

```
crops: "农作物",
livestock: "牲畜",
fields: "田地",
expenses: "开支",
inventory: "库存",
orders: "订单",
labour: "劳动",
products: "产品",
searchPlaceholder: "在这里搜索...",
addNewItem: "+ 添加新项目",
export: "导出",
generateReport: "生成报告",
itemName: "项目名称",
category: "类别",
quantity: "数量",
unit: "单位",
lastUpdated: "最后更新",
status: "状态",
action: "操作",
previous: "上一个",
next: "下一个",
footerText: "&copy; 2024 FMS 库存。保留所有权利。",
contactUs: "联系我们：",
supportEmail: "support@example.com",
notifications: "通知"
},
```

```

ta: {
  title: "FMS கையிருப்பு",
  dashboard: "கட்டுப்படுத்தல்",
  crops: "செயின்கள்",
  livestock: "மட்டிகள்",
  fields: "புலங்கள்",
  expenses: "செலவுகள்",
  inventory: "கையிருப்பு",
  orders: "ஆர்டர்கள்",
  labour: "தொழிலாளர்கள்",
  products: "தயாரிப்புகள்",
  searchPlaceholder: "இங்கே தேடவும்...",
  addNewItem: "+ புதிய உருப்படியைச் சேர்க்கவும்",
  export: "ஏற்றுமதி",
  generateReport: "அறிக்கையை உருவாக்கவும்",
  itemName: "உருப்படியின் பெயர்",
  category: "வகை",
  quantity: "அளவு",
  unit: "அலகு",
  lastUpdated: "கடைசி புதுப்பிப்பு",
  status: "நிலை",
  action: "செயல்",
  previous: "முந்தைய",
  next: "அடுத்த",
  footerText: "&copy; 2024 FMS கையிருப்பு. அனைத்து உரிமைகளும் காப்பு.",
  contactUs: "எங்களுடன் தொடர்புகொள்ளவும்:",
  supportEmail: "support@example.com",
  notifications: "அறிக்கைகள்"
},

```

```

// Additional languages can be added here...

};

function updateContent(language) {
  // Change the title of the page
  document.title = translations[language].title;

  // Update sidebar links
  document.querySelectorAll('nav .translate').forEach(item => {
    item.textContent = translations[language][item.dataset.translate];
  });

  // Update header inputs and buttons
  document.querySelectorAll('.translate').forEach(item => {
    if (item.tagName.toLowerCase() === 'input') {
      item.placeholder = translations[language][item.dataset.translate];
    } else {
      item.textContent = translations[language][item.dataset.translate];
    }
  });

  // Update table headers
  const tableHeaders = document.querySelectorAll("#inventory-table th");
  tableHeaders.forEach(header => {
    header.textContent = translations[language][header.dataset.translate];
  });

  // Update footer content
  const footer = document.querySelector("footer");

```

```

        footer.innerHTML = `${translations[language].footerText} <br>
        ${translations[language].contactUs} <a
        href="mailto:${translations[language].supportEmail}">${translations[language].supportEmail}<
        /a>`;
    }

```

```

// Event listener for language selection change
document.getElementById("source-languages").addEventListener("change", function () {
    const selectedLanguage = this.value;
    updateContent(selectedLanguage);
});

```

```

// Initial content update for the default language (English)
updateContent("en");

```

```

// Other existing script code for managing notifications, generating reports, etc. goes here...
});
*/

```

Backend:

Calender:

Frontend:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Calendar</title>
```

```
    <!-- Bootstrap CSS -->
```

```
    <link rel="stylesheet"
    href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
```

```
    <link rel="stylesheet" href="calender.css">
```

```

<style>

body {

    background-image: url('../calender/calender.jpg'); /* Replace with your image path */
    background-size: cover; /* Cover the entire page */
    background-repeat: no-repeat; /* Prevent tiling */
    background-position: center; /* Center the image */
    background-attachment: fixed; /* Fixed background */
    color: white; /* Change text color for better visibility */
}

.navbar {

    background-color: rgba(0, 0, 0, 0.5); /* Semi-transparent background for navbar */
    padding: 10px;
    margin-bottom: 20px;
}

.container {

    background-color: white; /* Semi-transparent background for calendar */
    padding: 20px;
    border-radius: 10px;
}

.calendar-table th, .calendar-table td {

    text-align: center;
    vertical-align: middle;
}

.season {

    background-color: rgba(255, 215, 0, 0.5); /* Light yellow for season indication */
}

```

```

.birthing{
    background-color: rgba(255, 105, 180, 0.5); /* Light pink for birthing */
}

.feeding{
    background-color: rgba(0, 191, 255, 0.5); /* Light blue for feeding */
}

/* Tooltip styles */
.calendar-table [data-tooltip]:hover::after {
    content: attr(data-tooltip);
    position: absolute;
    background-color: black;
    color: white;
    border-radius: 5px;
    padding: 5px;
    z-index: 100;
    white-space: nowrap;
}
</style>
</head>
<body>
<div class="navbar">
    <button id="crops-btn" class="btn btn-primary">Crops Calendar</button>
    <button id="livestock-btn" class="btn btn-primary">Livestock Calendar</button>
</div>

<div class="container" id="crops-calendar">
    <h2>CROP CALENDAR</h2>
    <table class="table table-bordered calendar-table">
        <thead>

```



```

<tr>
  <th>Crop</th>
  <th>Jan</th>
  <th>Feb</th>
  <th>Mar</th>
  <th>Apr</th>
  <th>May</th>
  <th>Jun</th>
  <th>Jul</th>
  <th>Aug</th>
  <th>Sep</th>
  <th>Oct</th>
  <th>Nov</th>
  <th>Dec</th>
</tr>
</thead>
<tbody>
  <tr>
    <td>Wheat</td>
    <td colspan="5" class="season planting" data-tooltip="Wheat Planting
Season">Planting</td>
    <td colspan="6"></td>
  </tr>
  <tr>
    <td>Barley</td>
    <td colspan="3"></td>
    <td colspan="4" class="season growing" data-tooltip="Barley Growing
Season">Growing</td>
    <td colspan="4"></td>
  </tr>
  <tr>

```

```

        <td>Canola</td>

        <td colspan="3" class="season growing" data-tooltip="Canola Growing
Season">Growing</td>

        <td colspan="3"></td>

        <td colspan="4" class="season harvesting" data-tooltip="Canola Harvesting
Season">Harvesting</td>

    </tr>

    <tr>

        <td>Oats</td>

        <td colspan="4" class="season planting" data-tooltip="Oats Planting
Season">Planting</td>

        <td colspan="4"></td>

        <td colspan="4" class="season harvesting" data-tooltip="Oats Harvesting
Season">Harvesting</td>

    </tr>

    <tr>

        <td>Corn</td>

        <td colspan="5"></td>

        <td colspan="4" class="season growing" data-tooltip="Corn Growing
Season">Growing</td>

        <td colspan="2"></td>

    </tr>

    <tr>

        <td>Sunflowers</td>

        <td colspan="8" class="season planting" data-tooltip="Sunflowers Planting
Season">Planting</td>

        <td colspan="4"></td>

    </tr>

</tbody>

</table>

</div>

```

```

<div class="container" id="livestock-calendar" style="display: none;">

```

<h2>LIVESTOCK CALENDAR</h2>

```
<table class="table table-bordered calendar-table">
```

```
<thead>
```

```
<tr>
```

```
<th>Livestock</th>
```

```
<th>Jan</th>
```

```
<th>Feb</th>
```

```
<th>Mar</th>
```

```
<th>Apr</th>
```

```
<th>May</th>
```

```
<th>Jun</th>
```

```
<th>Jul</th>
```

```
<th>Aug</th>
```

```
<th>Sep</th>
```

```
<th>Oct</th>
```

```
<th>Nov</th>
```

```
<th>Dec</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>Cattle</td>
```

```
<td colspan="3" class="season birthing" data-tooltip="Cattle Birthing  
Season">Birthing</td>
```

```
<td colspan="9"></td>
```

```
</tr>
```

```
<tr>
```

```
<td>Chickens</td>
```

```
<td colspan="4" class="season feeding" data-tooltip="Chickens Feeding  
Season">Feeding</td>
```

```
<td colspan="8"></td>
```

```

        </tr>

        <!-- Add more rows for other livestock activities -->

    </tbody>

</table>

</div>

<script src="calender.js"></script>

</body>

</html>

```

Styles:

```

body {
    font-family: Arial, sans-serif;
    background-image: url(calender.jpg); /* Replace with your image path */
    background-size: cover; /* Cover the entire page */
    background-repeat: no-repeat; /* Prevent tiling */
    background-position: center; /* Center the image */
    background-attachment: fixed;
    margin: 0;
    padding: 0;
    display: flex;
    justify-content: center;
    align-items: center;
    height: 100vh;
}

.container {
    width: 80%;
    background-color: white;
    padding: 20px;
    border-radius: 10px;

```

```
    box-shadow: 0 0 15px rgba(0,0,0,0.1);  
}
```

```
.navbar {  
    margin-bottom: 20px;  
    display: flex;  
    justify-content: flex-start;  
}
```

```
.navbar button {  
    padding: 10px 20px;  
    background-color: #4CAF50;  
    color: white;  
    border: none;  
    border-radius: 5px;  
    margin-right: 10px;  
    cursor: pointer;  
}
```

```
.navbar button:hover {  
    background-color: #45a049;  
}
```

```
h2 {  
    text-align: center;  
    color: white;  
}
```

```
.calendar-table {  
    width: 100%;  
    border-collapse: collapse;
```

```

    margin: 20px 0;
}

.calendar-table th, .calendar-table td {
    border: 1px solid #ddd;
    padding: 10px;
    text-align: center;
}

.calendar-table th {
    background-color: #4CAF50;
    color: white;
}

.season {
    background-color: #9ACD32;
    color: white;
}

.planting {
    background-color: #6b8e23;
}

.growing {
    background-color: #32CD32;
}

.harvesting {
    background-color: #FF8C00;
}

```

```
.birthing{  
  background-color: #FF4500;  
}
```

```
.feeding{  
  background-color: #4682B4;  
}
```

Scripts:

```
// Page Switching Logic
```

```
document.getElementById('crops-btn').addEventListener('click', function() {  
  document.getElementById('crops-calendar').style.display = 'block';  
  document.getElementById('livestock-calendar').style.display = 'none';  
});
```

```
document.getElementById('livestock-btn').addEventListener('click', function() {  
  document.getElementById('crops-calendar').style.display = 'none';  
  document.getElementById('livestock-calendar').style.display = 'block';  
});
```

```
// Tooltip Logic
```

```
const activities = document.querySelectorAll('.season');
```

```
activities.forEach(activity => {  
  activity.addEventListener('mouseover', function(event) {  
    const tooltipText = event.target.getAttribute('data-tooltip');  
    const tooltipDiv = document.createElement('div');  
    tooltipDiv.classList.add('tooltip');  
    tooltipDiv.innerHTML = tooltipText;  
    document.body.appendChild(tooltipDiv);
```

```

        tooltipDiv.style.left = `${event.pageX + 10}px`;
        tooltipDiv.style.top = `${event.pageY + 10}px`;
    });

    activity.addEventListener('mouseout', function() {
        const tooltipDiv = document.querySelector('.tooltip');
        if (tooltipDiv) {
            tooltipDiv.remove();
        }
    });
});

document.addEventListener('contextmenu', function(e) {
    e.preventDefault();
});

document.addEventListener('keydown', function(e)
{
    if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {
        e.preventDefault();
    }
});

Chatbot:
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

```



```

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

<style>

#popup {
    display: none;
    position: fixed;
    bottom: 5.5rem;
    left: 7rem;
    background-color: #f9f9f9;
    border-radius: 5px;
    border: 1px solid #ccc;
    padding: 10px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    z-index: 1000;
    justify-content: center;
    align-items: center;
}

#popup .close-popup {
    cursor: pointer;
    color: #aaa;
    float: right;
    font-size: 20px;
    font-weight: bold;
    margin-right: 1rem;
    margin-left: 1rem;
}

#popup .close-popup:hover,
#popup .close-popup:focus {
    color: black;
    text-decoration: none;
    cursor: pointer;
}

```

```

    body{
background-image: url(bg.jpg);
image-resolution: 50px;
;
    }
</style>
</head>
<body>
<div class="main-container">
    <i class="fa-solid fa-user"></i>
</div>
<div id="myModal" class="modal">
    <div class="modal-content">
        <span class="close">×</span>
        <div class="chat-container">
            <div class="chat-messages" id="chatMessages">
                <!-- Messaggi del chatbot e dell'utente appariranno qui -->
                <div class="bot-message">
                    I am a cool bot, ready to answer your questions!
                </div>
                <div class="response-options">
                    <button class="response-option">Sample question one</button>
                    <button class="response-option">Sample question one</button>
                    <button class="response-option">Sample question one</button>
                </div>
            </div>
            <div class="chat-input">
                <input type="text" id="userInput" placeholder="ask me anything...">
                <button id="sendButton">
                    <i class="fa-solid fa-paper-plane"></i>
                </button>
            </div>
        </div>
    </div>
</div>

```

```

        </div>
    </div>
</div>
</div>
<div id="popup">
    Try our virtual assistant!
    <span class="close-popup">&times;</span>
    <di id="popup">
        Whatsapp Us!
        <span class="close-popup">&times;</span>
    </di>
</div>
<script src="script.js"></script>
</body>
</html>

```

Styles:

```

.main-container {
    background-color: black;
    color: white;
    padding: 1rem;
    border-radius: 100%;
    position: fixed;
    bottom: 5rem;
    left: 1.4rem;
    z-index: 10;
    width: 2rem;
    height: 2rem;
    display: flex;
    justify-content: center;
    align-items: center;
}

```

}

```
.main-container:hover {
    background-color: rgb(56, 54, 54);
    cursor: pointer;
}
```

```
.modal{  
    display: none;  
    position: fixed;  
    z-index: 99999999999999999999999999999999;  
    left: 0;  
    top: 0;  
    width: 100%;  
    height: 100%;  
    overflow: auto;  
    background-color: rgb(0, 0, 0);  
    background-color: rgba(0, 0, 0, 0.4);  
}
```

```
.modal-content {  
    background-color: transparent;  
    margin: auto;  
    padding: 20px;  
    display: flex;  
    flex-direction: column;  
    align-items: center;  
    justify-content: center;  
    border-radius: 20px;  
    position: absolute;  
    top: 50%;
```

```
    left: 50%;  
    transform: translate(-50%, -50%);  
}
```

```
.close {  
    font-size: 28px;  
    font-weight: bold;  
    background-color: black;  
    color: white;  
    padding: 1rem;  
    margin: 1rem;  
    border-radius: 100%;  
    width: 2rem;  
    height: 2rem;  
    display: flex;  
    justify-content: center;  
    align-items: center;  
}
```

```
.close:hover,  
.close:focus {  
    color: white;  
    text-decoration: none;  
    background-color: rgb(56, 54, 54);  
    cursor: pointer;  
}
```

```
.chat-container {  
    display: flex;  
    flex-direction: column;  
    width: 300px;
```

```
height: 600px;
border: 1px solid #ccc;
border-radius: 10px;
background-color: #fff;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}
```

```
.chat-messages {
  flex: 1;
  padding: 20px;
  overflow-y: auto;
  border-bottom: 1px solid #ccc;
}
```

```
.chat-input {
  display: flex;
  padding: 10px;
  border-top: 1px solid #ccc;
}
```

```
.chat-input input {
  flex: 1;
  padding: 10px;
  border: 1px solid #ccc;
  border-radius: 5px;
  margin-right: 10px;
}
```

```
.chat-input button {
  padding: 10px 20px;
  border: none;
```

```

background-color: black;

color: #fff;

border-radius: 5px;

cursor: pointer;
}

.chat-input button:hover {
    background-color: rgb(56, 54, 54);
}

.user-message,
.bot-message {
    padding: 10px;
    margin: 10px 0;
    border-radius: 5px;
}

.user-message {
    background-color: black;
    color: #fff;
    align-self: flex-end;
}

.bot-message {
    background-color: #f1f1f1;
    color: #333;
    align-self: flex-start;
}

.spinner {
    border: 4px solid rgba(0, 0, 0, 0.1);

```

```
width: 36px;
height: 36px;
border-radius: 50%;
border-left-color: black;
animation: spin 1s ease infinite;
margin: 10px auto;
}
```

```
@keyframes spin {
  0% {
    transform: rotate(0deg);
  }

  100% {
    transform: rotate(360deg);
  }
}
```

```
.response-options {
  margin-top: 10px;
}
```

```
.response-option {
  margin: 5px;
  padding: 10px;
  background-color: black;
  border: none;
  cursor: pointer;
  border-radius: 5px;
  color: white;
```



```
}
```

```
.response-option:hover {  
  background-color: rgb(56, 54, 54);  
}
```

Scripts:

```
let modal = document.getElementById("myModal");  
let mainContainer = document.querySelector(".main-container");  
let span = document.getElementsByClassName("close")[0];
```

```
mainContainer.onclick = function () {  
  modal.style.display = "block";  
};
```

```
span.onclick = function () {  
  modal.style.display = "none";  
};
```

```
window.onclick = function (event) {  
  if (event.target === modal) {  
    modal.style.display = "none";  
  }  
};
```

```
document.getElementById('sendButton').addEventListener('click', async function () {  
  let userInputElement = document.getElementById('userInput');  
  if (userInputElement) {  
    let userInput = userInputElement.value.trim();  
    if (userInput !== "") {  
      let chatMessages = document.getElementById('chatMessages');
```

```

let userMessage = document.createElement('div');
userMessage.className = 'user-message';
userMessage.textContent = userInput;
chatMessages.appendChild(userMessage);

let spinner = document.createElement('div');
spinner.className = 'spinner';
chatMessages.appendChild(spinner);

// Fetch response from API
try {
  const response = await fetch("https://api.openai.com/v1/completions", {
    method: "POST",
    headers: {
      "Content-Type": "application/json",
      "Authorization": sk-proj-JP5frELbat35uxpPZo2PJmWh6i4cpqjYVm26C-
jFXiNAuYCMhezsFVydKJxLDldqshdJxJk7FT3BlbkFJ5jX_o9RA_CfUs9lyWeN_0C6HthNhLBNEaRBj
LACztKx5Q6j7MgiJIFUqkPPZUgnKV9iqCPRcQA
    },
    body: JSON.stringify({
      prompt: userInput,
      max_tokens: 100,
      n: 1,
      stop: null,
      temperature: 0.5
    })
  });

  const data = await response.json();
  chatMessages.removeChild(spinner);

```

```

        let botMessageText = data.choices[0]?.text || "Sorry, I couldn't understand that. Could you please rephrase?";

        let botMessage = document.createElement('div');

        botMessage.className = 'bot-message';

        botMessage.textContent = botMessageText;

        chatMessages.appendChild(botMessage);

        chatMessages.scrollTop = chatMessages.scrollHeight;
    } catch (error) {

        console.error('Error fetching API response:', error);

        chatMessages.removeChild(spinner);

        let botMessage = document.createElement('div');

        botMessage.className = 'bot-message';

        botMessage.textContent = "There was an error connecting to the server. Please try again later.";

        chatMessages.appendChild(botMessage);

    }

    userInputElement.value = "";

    chatMessages.scrollTop = chatMessages.scrollHeight;

}

} else {

    console.error('Error: userInput element not found.');
```

```

}

});

document.querySelectorAll('.response-option').forEach(button => {

    button.addEventListener('click', function() {

        let userInputElement = document.getElementById('userInput');

        userInputElement.value = this.textContent;
```

```

        document.getElementById('sendButton').click();
    });
});

setTimeout(() => {
    document.getElementById('popup').style.display = 'block';
}, 2000);

document.querySelector('.close-popup').onclick = function() {
    document.getElementById('popup').style.display = 'none';
};

function displayMessage(userMessage, botResponse) {
    const chatMessages = document.getElementById("chatMessages");
    const userMessageElement = `<div class="user-message">${userMessage}</div>`;
    const botMessageElement = `<div class="bot-message">${botResponse}</div>`;
    chatMessages.innerHTML += userMessageElement + botMessageElement;
    chatMessages.scrollTop = chatMessages.scrollHeight;
}

require('dotenv').config();

const apiKey = process.env.OPENAI_API_KEY;

// Fetch request using the API key from environment variable
const response = await fetch("https://api.openai.com/v1/completions", {
    method: "POST",
    headers: {
        "Content-Type": "application/json",
        "Authorization": `Bearer ${apiKey}`
    },
    body: JSON.stringify({

```

```

        model: "text-davinci-003",
        prompt: userInput,
        max_tokens: 100,
        n: 1,
        stop: null,
        temperature: 0.5
    })
});

```

Backend:

```

<?php
header("Content-Type: application/json");

$servername = "localhost";
$username = "root"; // Adjust if you have a different DB username
$password = "Passwoed2024"; // Adjust if you have a password for the DB
$dbname = "csdb01";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error) {
    die(json_encode(["error" => "Connection failed: " . $conn->connect_error]));
}

$request_method = $_SERVER["REQUEST_METHOD"];
if ($request_method === 'POST') {
    $data = json_decode(file_get_contents("php://input"), true);
    $userMessage = $conn->real_escape_string($data["message"]);

    // Search for a pre-defined response

```

```

$sql = "SELECT response FROM responses WHERE question LIKE '%$userMessage%'";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    $botResponse = $result->fetch_assoc()["response"];
} else {
    $botResponse = "I'm sorry, I didn't understand that.";
}

// Save the conversation

$sql = "INSERT INTO messages (user_message, bot_response) VALUES ('$userMessage', '$botResponse')";
$conn->query($sql);

echo json_encode(["response" => $botResponse]);
} else {
    echo json_encode(["error" => "Invalid request method"]);
}

$conn->close();

?>

```

Contact us:

Frontend:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Contact Us - Farming Management System</title>
```

```
    <link rel="preconnect" href="https://fonts.googleapis.com">
```

```

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link
href="https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,100;0,200;0,300;0,400;
0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&displa
y=swap" rel="stylesheet">

<link rel="stylesheet" href="contact.css">

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

<body>

<div class="container">

<h1>Contact Us</h1>

<p>If you have any questions or feedback, feel free to contact us using the form below.</p>

<form id="contactForm" action="contact.php" method="POST">

<label for="name">Full Name:</label>

<input type="text" id="name" name="name" placeholder="Your Full Name" required>

<label for="email">Email Address:</label>

<input type="email" id="email" name="email" placeholder="Your Email" required>

<label for="subject">Subject:</label>

<input type="text" id="subject" name="subject" placeholder="Subject of Your Inquiry"
required>

<label for="message">Message:</label>

<textarea id="message" name="message" rows="5" placeholder="Your Message"
required></textarea>

<div class="form-buttons">

<button type="submit" id="submit">Submit</button>

<button type="reset">Reset</button>

</div>

</form>

```

```

</div>

<footer class="text-center mt-4">

  <p class="translate" data-translate="footerText">&copy; 2024 FMS Inventory. All Rights Reserved.</p>

  <p class="translate" data-translate="contactUs">Contact us: <a href="mailto:support@example.com" class="translate" data-translate="supportEmail">support@example.com</a></p>

</footer>

<script src="contact.js"></script>

<script src="bootstrap/js/bootstrap.bundle.min.js"></script>

</body>

</html>

```

Script:

```

document.getElementById("contactForm").addEventListener("submit", function(event) {
  event.preventDefault(); // Prevent the form from submitting normally

  // Retrieve form values
  let name = document.getElementById("name").value;
  let email = document.getElementById("email").value;
  let subject = document.getElementById("subject").value;
  let message = document.getElementById("message").value;

  // Simple validation to ensure all fields are filled
  if (name === "" || email === "" || subject === "" || message === "") {
    alert("All fields are required.");
    return;
  }

  if (!validateEmail(email)) {
    alert("Please enter a valid email address.");
  }
}

```



```

        return;
    }

    // If everything is correct, simulate form submission
    alert("Thank you, " + name + ". Your message has been submitted.");
    document.getElementById("contactForm").reset(); // Reset the form
});

// Function to validate the email format
function validateEmail(email) {
    var re = /^[^\s@]+@[^\s@]+\.[^\s@]+$/;
    return re.test(email);
}

document.addEventListener('contextmenu', function(e) {
    e.preventDefault();
});

document.addEventListener('keydown',function(e)
{
if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {
    e.preventDefault();
}
});

Styles:
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}

```

```
body {  
    font-family: Arial, sans-serif;  
    background-color: #f7f7f7;  
    padding: 20px;  
}  
  
.container {  
    max-width: 700px;  
    margin: auto;  
    background: #fff;  
    padding: 20px;  
    border-radius: 8px;  
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}  
  
h1 {  
    text-align: center;  
    color: #1a8a34;  
    margin-bottom: 20px;  
}  
  
p {  
    text-align: center;  
    margin-bottom: 20px;  
    color: #666;  
}  
  
form {  
    display: flex;  
    flex-direction: column;  
}
```

```
label {  
    margin-bottom: 5px;  
    color: #333;  
}
```

```
input, textarea {  
    padding: 10px;  
    margin-bottom: 20px;  
    border: 1px solid #ccc;  
    border-radius: 5px;  
    font-size: 16px;  
    width: 100%;  
}
```

```
input[type="text"], input[type="email"] {  
    height: 40px;  
}
```

```
textarea {  
    resize: none;  
}
```

```
.form-buttons {  
    display: flex;  
    justify-content: space-between;  
}
```

```
button {  
    padding: 10px 20px;  
    font-size: 16px;
```

```
border: none;
border-radius: 5px;
cursor: pointer;
}
```

```
#submit{
  background-color: #4CAF50;
  color: white;
}
```

```
button[type="reset"]{
  background-color: #f44336;
  color: white;
}
```

```
button:hover {
  opacity: 0.9;
}
```

```
.poppins-thin {
  font-family: "Poppins", sans-serif;
  font-weight: 100;
  font-style: normal;
}
```

```
.poppins-extralight {
  font-family: "Poppins", sans-serif;
  font-weight: 200;
  font-style: normal;
}
```

```
.poppins-light {
```

```
font-family: "Poppins", sans-serif;  
font-weight: 300;  
font-style: normal;  
}
```

```
.poppins-regular {  
font-family: "Poppins", sans-serif;  
font-weight: 400;  
font-style: normal;  
}
```

```
.poppins-medium {  
font-family: "Poppins", sans-serif;  
font-weight: 500;  
font-style: normal;  
}
```

```
.poppins-semibold {  
font-family: "Poppins", sans-serif;  
font-weight: 600;  
font-style: normal;  
}
```

```
.poppins-bold {  
font-family: "Poppins", sans-serif;  
font-weight: 700;  
font-style: normal;  
}
```

```
.poppins-extrabold {  
font-family: "Poppins", sans-serif;
```

```
font-weight: 800;  
font-style: normal;  
}
```

```
.poppins-black {  
font-family: "Poppins", sans-serif;  
font-weight: 900;  
font-style: normal;  
}
```

```
.poppins-thin-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 100;  
font-style: italic;  
}
```

```
.poppins-extralight-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 200;  
font-style: italic;  
}
```

```
.poppins-light-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 300;  
font-style: italic;  
}
```

```
.poppins-regular-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 400;
```

```
font-style: italic;  
}
```

```
.poppins-medium-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 500;  
font-style: italic;  
}
```

```
.poppins-semibold-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 600;  
font-style: italic;  
}
```

```
.poppins-bold-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 700;  
font-style: italic;  
}
```

```
.poppins-extrabold-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 800;  
font-style: italic;  
}
```

```
.poppins-black-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 900;  
font-style: italic;
```

```

}

footer {

    background-color: #264653;

    color: white;

    text-align: center;

    padding: 15px 0; /* Define footer height */

    position: fixed;

    bottom: 0;

    width: 100%;

    height: 60px; /* Set specific height for footer */

}

```

Crops:

Frontend:

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>FMS - Crops Page</title>

    <!-- Bootstrap CSS -->

    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

    <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@400;500;600&display=swap"
rel="stylesheet">

    <link rel="stylesheet" href="index.css">

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jspdf/2.5.1/jspdf.umd.min.js"></script>

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-
beta3/css/all.min.css">

```



```

<style>

</style>
</head>
<body>

<div class="container-fluid">

  <div class="row">

    <nav class="col-md-2 d-none d-md-block sidebar">

      <h2 class="sidebar-title">FMS</h2>

      <ul class="nav flex-column">

        <li class="nav-item"><a class="nav-link" href="../../admin login
signup/admin_dashboard.html">Dashboard</a></li>

        <li class="nav-item"><a class="nav-link active" href="../../crops/index.html"><i
class="fas fa-seedling"></i>Crops</a></li>

        <li class="nav-item"><a class="nav-link" href="../../livestock/index.html"><i class="fas
fa-paw"></i>Livestock</a></li>

        <li class="nav-item"><a class="nav-link" href="../../Fields/fields.html"><i class="fas fa-
map-marked-alt"></i>Fields</a></li>

        <li class="nav-item"><a class="nav-link" href="../../report/report.html"><i class="fas fa-
file-alt"></i>Reports</a></li>

        <li class="nav-item"><a class="nav-link" href="../../inventory/index.html"><i class="fas
fa-warehouse"></i>Inventory</a></li>

        <li class="nav-item"><a class="nav-link" href="../../labour/labour.html"><i class="fa fa-
tasks"></i>Labour</a></li>

        <li class="nav-item"><a class="nav-link" href="../../order/index.html"><i class="fa fa-
boxes"></i>Orders</a></li>

        <li class="nav-item"><a class="nav-link" href="../../karabp/product.html"><i class="fa
fa-tasks"></i>Products</a></li>

      </ul>

    </nav>

    <main role="main" class="col-md-9 ml-sm-auto col-lg-10 px-4">

      <h1 class="mb-4">Crops</h1>

      <input type="text" id="searchBar" class="form-control mb-3" placeholder="Search by
crop name or ID..." onkeyup="searchCrops()">

```

```

<div class="actions mb-3">
  <button id="addCropBtn" class="btn btn-primary">Add New Crop</button>
</div>

<div class="crops-table-container">
  <table class="table table-striped" id="cropsTable">
    <thead class="thead-light">
      <tr>
        <th>Crop Name</th>
        <th>Field</th>
        <th>Seeds (Quantity)</th>
        <th>Start Date</th>
        <th>End Date</th>
        <th>Status</th>
        <th>Image</th>
        <th>Action</th>
      </tr>
    </thead>
    <tbody>
      <!-- Crop entries will be added dynamically -->

      <tr>
        <td>Corn</td>
        <td>Field A</td>
        <td>25</td>
        <td>15/9/2024</td>
        <td>15/9/2024</td>
        <td><span class="status harvested">Harvested</span></td>
        <td></td>
        <td>
          <button class="btn btn-warning btn-sm">Edit</button>
          <button class="btn btn-danger btn-sm">Delete</button>
        </td>
      </tr>
    </tbody>
  </table>
</div>

```

```

        </td>
    </tr>
    <tr>
        <td>Wheat</td>
        <td>Field A</td>
        <td>200</td>
        <td>2024-01-01</td>
        <td>2024-04-01</td>
        <td><span class="badge badge-info">Growing</span></td>
        <td></td>
        <td>
            <button class="btn btn-warning btn-sm">Edit</button>
            <button class="btn btn-danger btn-sm">Delete</button>
        </td>
    </tr>
    <tr>
        <td>Corn</td>
        <td>Field B</td>
        <td>300</td>
        <td>2024-02-15</td>
        <td>2024-05-20</td>
        <td><span class="badge badge-info">Growing</span></td>
        <td></td>
        <td>
            <button class="btn btn-warning btn-sm">Edit</button>
            <button class="btn btn-danger btn-sm">Delete</button>
        </td>
    </tr>
    <tr>
        <td>Rice</td>
        <td>Field C</td>

```

```

        <td>150</td>

        <td>2024-03-10</td>

        <td>2024-06-15</td>

        <td><span class="badge badge-success">Harvested</span></td>

        <td></td>

        <td>

            <button class="btn btn-warning btn-sm">Edit</button>

            <button class="btn btn-danger btn-sm">Delete</button>

        </td>
    </tr>

    <tr>

        <td>Soybeans</td>

        <td>Field D</td>

        <td>250</td>

        <td>2024-04-01</td>

        <td>2024-07-01</td>

        <td><span class="badge badge-info">Growing</span></td>

        <td></td>

        <td>

            <button class="btn btn-warning btn-sm">Edit</button>

            <button class="btn btn-danger btn-sm">Delete</button>

        </td>
    </tr>
</tbody>
</table>
</div>
</main>
</div>
</div>

```

```

<!-- Popup Form -->

```

```

<div id="addCropPopup" class="popup" style="display:none;">
  <div class="popup-content">
    <h2>Add New Crop</h2>
    <form id="addCropForm" enctype="multipart/form-data">
      <div class="form-group">
        <label for="cropName">Crop Name</label>
        <input type="text" id="cropName" class="form-control" placeholder="Crop Name"
required>
      </div>
      <div class="form-group">
        <label for="field">Field</label>
        <input type="text" id="field" class="form-control" placeholder="Field" required>
      </div>
      <div class="form-group">
        <label for="seeds">Seeds</label>
        <input type="number" id="seeds" class="form-control" placeholder="Quantity"
required>
      </div>
      <div class="form-group">
        <label for="startDate">Start Date</label>
        <input type="date" id="startDate" class="form-control" required>
      </div>
      <div class="form-group">
        <label for="endDate">End Date</label>
        <input type="date" id="endDate" class="form-control" required>
      </div>
      <div class="form-group">
        <label for="status">Status</label>
        <input type="text" id="status" class="form-control" placeholder="Status" required>
      </div>
      <div class="form-group">

```

```

        <label for="cropImage">Add Image</label>

        <input type="file" id="cropImage" class="form-control" accept="image/*" required>
    </div>

    <div class="buttons">

        <button type="button" id="cancelBtn" class="btn btn-secondary">Cancel</button>

        <button type="submit" class="btn btn-primary">Add new crop</button>

    </div>

</form>

</div>

</div>

```

```

<footer class="text-center">

    <p class="mb-1">&copy; 2024 FMS Inventory. All Rights Reserved.</p>

</footer>

```

```

<!-- Bootstrap JS and dependencies -->

<script src="https://code.jquery.com/jquery-3.5.1.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.7/dist/umd/popper.min.js"></script>

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<script>

    // Show the popup when the "Add New Crop" button is clicked

    $('#addCropBtn').click(function() {

        $('#addCropPopup').show();

    });

    // Hide the popup when the "Cancel" button is clicked

    $('#cancelBtn').click(function() {

        $('#addCropPopup').hide();

    });

```

```

// Handle form submission
$('#addCropForm').submit(function(e) {
    e.preventDefault(); // Prevent the default form submission

    const formData = new FormData(this); // Create a new FormData object from the form
    const cropName = $('#cropName').val();
    const field = $('#field').val();
    const seeds = $('#seeds').val();
    const startDate = $('#startDate').val();
    const endDate = $('#endDate').val();
    const status = $('#status').val();
    const cropImage = $('#cropImage')[0].files[0];

    // You can send the data to your backend using AJAX
    // For demonstration, we'll simulate adding the crop to the table
    const newRow = `<tr>
        <td>${cropName}</td>
        <td>${field}</td>
        <td>${seeds}</td>
        <td>${startDate}</td>
        <td>${endDate}</td>
        <td><span class="status">${status}</span></td>
        <td></td>
        <td><button class="btn btn-danger btn-sm">Delete</button></td>
    </tr>`;

    $('#cropsTable tbody').append(newRow);
    $('#addCropPopup').hide(); // Hide the popup after adding the crop
    this.reset(); // Reset the form

```

```

});

// Search function
function searchCrops() {
    const input = document.getElementById("searchBar").value.toLowerCase();
    const rows = document.querySelectorAll("#cropsTable tbody tr");

    rows.forEach(row => {
        const cropName = row.cells[0].textContent.toLowerCase();
        const cropID = row.cells[1].textContent.toLowerCase();
        if (cropName.includes(input) || cropID.includes(input)) {
            row.style.display = "";
        } else {
            row.style.display = "none";
        }
    });
}

</script>
</body>
</html>

```

Scripts:

```

// Get elements
const addCropBtn = document.getElementById('addCropBtn');
const addCropPopup = document.getElementById('addCropPopup');
const cancelBtn = document.getElementById('cancelBtn');
const addCropForm = document.getElementById('addCropForm');
const cropsTableBody = document.querySelector('.crops-table tbody');
const searchBar = document.getElementById('searchBar');

// Show the popup when the "Add New Crop" button is clicked

```



```

addCropBtn.addEventListener('click', () => {
  addCropPopup.style.display = 'flex';
});

// Hide the popup when the "Cancel" button is clicked
cancelBtn.addEventListener('click', () => {
  addCropPopup.style.display = 'none';
});

// Close popup when clicking outside the content
window.addEventListener('click', (event) => {
  if (event.target === addCropPopup) {
    addCropPopup.style.display = 'none';
  }
});

// Add crop form submission
addCropForm.addEventListener('submit', (e) => {
  e.preventDefault();

  // Prepare form data for submission
  const formData = new FormData(addCropForm);
  formData.append('action', 'addCrop');

  // Send the form data to the backend via AJAX
  fetch('crops.php', {
    method: 'POST',
    body: formData
  })
  .then(response => response.json())
  .then(data => {

```

```

    if (data.status === 'success') {
        alert('Crop added successfully!');
        addCropForm.reset();
        addCropPopup.style.display = 'none';
        fetchCrops(); // Refresh the crops table
    } else {
        alert('Error adding crop: ' + data.message);
    }
})
.catch(error => {
    console.error('Error:', error);
    alert('An error occurred while adding the crop.');
});
});

// Function to fetch crops data and populate the table
function fetchCrops() {
    fetch('crops.php', {
        method: 'POST',
        headers: {
            'Content-Type': 'application/x-www-form-urlencoded',
        },
        body: 'action=fetchCrops'
    })
    .then(response => response.json())
    .then(data => {
        cropsTableBody.innerHTML = ''; // Clear the table

        // Loop through the crop data and append to the table
        data.forEach(crop => {
            cropsTableBody.innerHTML += `

```

```

<tr>

    <td>${crop.crop_name}</td>

    <td>${crop.field_name}</td>

    <td>${crop.seeds}</td>

    <td>${crop.start_date}</td>

    <td>${crop.end_date}</td>

    <td><span class="status ${crop.status.toLowerCase()}">${crop.status}</span></td>

    <td></td>

    <td>

        <button class="btn btn-warning btn-sm"
onclick="editCrop(${crop.id})">Edit</button>

        <button class="btn btn-danger btn-sm"
onclick="deleteCrop(${crop.id})">Delete</button>

    </td>

</tr>

`;

});

});

}

```

```

// Delete crop

function deleteCrop(id) {

    if (confirm('Are you sure you want to delete this crop?')) {

        fetch('crops.php', {

            method: 'POST',

            headers: {

                'Content-Type': 'application/x-www-form-urlencoded',

            },

            body: `action=deleteCrop&id=${id}`

        })

        .then(response => response.json())
    }
}

```

```

.then(data => {
  if (data.status === 'success') {
    alert('Crop deleted successfully');
    fetchCrops(); // Refresh the table after deletion
  } else {
    alert('Error deleting crop: ' + data.message);
  }
});
}
}

// Search crops function
function searchCrops() {
  const filter = searchBar.value.toLowerCase();
  const rows = cropsTableBody.getElementsByTagName('tr');

  Array.from(rows).forEach(row => {
    const cropName = row.cells[0].textContent.toLowerCase();
    const cropField = row.cells[1].textContent.toLowerCase();

    if (cropName.includes(filter) || cropField.includes(filter)) {
      row.style.display = "";
    } else {
      row.style.display = 'none';
    }
  });
}

// Event listener for search bar
searchBar.addEventListener('keyup', searchCrops);

```

```
// Fetch crops data on page load
```

```
fetchCrops();
```

```
styles:
```

```
/* Global Styles */
```

```
body {
```

```
    font-family: 'Poppins', sans-serif;
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    background-color: white;
```

```
}
```

```
/* Container styling for spacing */
```

```
.container {
```

```
    display: flex;
```

```
    padding: 20px;
```

```
    background-color: pink;
```

```
    border-radius: 60px;
```

```
    border: 2px solid blueviolet; /* Corrected border property */
```

```
    overflow-y: auto;
```

```
    height: 100vh; /* Ensure the container takes full height */
```

```
}
```

```
/* Sidebar Styles */
```

```
.sidebar {
```

```
    width: 250px; /* Fixed width for sidebar */
```

```
    background-color: #00c04b; /* Updated sidebar background color */
```

```
    padding: 20px;
```

```
    color: darkgrey;
```

```
    border-radius: 10px;
```

```
    height: 100%; /* Full height */
```

```
overflow-y: auto; /* Add scrolling for overflowing content */  
box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1); /* Subtle shadow for depth */  
}
```

```
/* Sidebar Title */
```

```
.sidebar h2 {  
    text-align: center;  
    color: #ecf0f1;  
    background-color: #264653; /* Sidebar header background */  
    padding: 15px; /* Padding for the title */  
    border-radius: 10px; /* Rounded corners for the title */  
    margin-bottom: 20px; /* Space below the title */  
}
```

```
/* List Styles */
```

```
.sidebar ul {  
    list-style-type: none; /* Remove bullet points */  
    padding: 0;  
}
```

```
.sidebar ul li {  
    margin: 15px 0; /* Space between list items */  
}
```

```
/* Link Styles */
```

```
.sidebar ul li a {  
    text-decoration: none; /* Remove underline */  
    color: #495057; /* Default link color */  
    display: block;  
    padding: 12px 15px; /* Add padding for clickable area */  
    background-color: white; /* Link background color */
```

```
border-radius: 5px; /* Rounded corners for links */  
transition: background-color 0.3s, color 0.3s; /* Transition effects */  
}
```

```
/* Link Hover and Active States */
```

```
.sidebar ul li a:hover,  
.sidebar ul li a.active {  
    background-color: #16a085; /* Hover or active background color */  
    color: white; /* Change text color on hover */  
}
```

```
/* Main Content Styles */
```

```
.main-content {  
    flex-grow: 1; /* Take up remaining space */  
    padding: 20px;  
    overflow-y: auto; /* Add scrolling for overflowing content */  
}
```

```
/* Action Button Styles */
```

```
.actions button {  
    padding: 10px 15px;  
    background-color: #16a085;  
    color: white;  
    border: none;  
    border-radius: 5px;  
    cursor: pointer;  
    transition: background-color 0.3s;  
}
```

```
.actions button:hover {  
    background-color: #1abc9c;
```

```
}
```

```
/* Crop Table Styles with Scrolling */
```

```
.crops-table-container {  
    max-height: 400px; /* Limit table height */  
    overflow-y: auto; /* Enable vertical scrolling */  
    border: 1px solid #ccc;  
    border-radius: 5px;  
    margin-top: 20px;  
    padding: 10px;  
}
```

```
.crops-table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-bottom: 30px;  
}
```

```
.crops-table th,  
.crops-table td {  
    padding: 10px;  
    text-align: left;  
    border: 1px solid #ddd;  
}
```

```
.crops-table th {  
    background-color: #34495e;  
    color: white;  
}
```

```
.crops-table tr:nth-child(even) {
```



```

    background-color: #f2f2f2;
}

.crops-table tr:hover {
    background-color: #f1f1f1;
}

/* Status Styles */
.status {
    padding: 5px 10px;
    border-radius: 3px;
    font-weight: bold;
    display: inline-block;
    font-size: 0.85rem; /* Moved font size to here for consistency */
}

.status.harvested {
    background-color: green;
    color: white;
}

.status.pending {
    background-color: orange;
    color: white;
}

.status.failed {
    background-color: red;
    color: white;
}

```

```

/* Popup Styles */

.popup {
    display: none; /* Hidden by default */
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background-color: rgba(0, 0, 0, 0.5);
    justify-content: center;
    align-items: center;
}

.popup-content {
    background-color: white;
    padding: 20px;
    width: 500px;
    max-height: 80vh; /* Limit popup height to 80% of viewport */
    overflow-y: auto; /* Enable scrolling for long content */
    border-radius: 10px;
    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.2);
}

.popup-content h2 {
    margin-top: 0;
    color: #34495e;
}

.popup-content form label {
    margin-top: 10px;
    color: #34495e;
}

```

```
}
```

```
.popup-content form input,  
.popup-content form textarea {  
  padding: 10px;  
  margin-top: 5px;  
  border: 1px solid #ccc;  
  border-radius: 5px;  
}
```

```
.popup-content .buttons {  
  margin-top: 20px;  
  display: flex;  
  justify-content: flex-end;  
}
```

```
.popup-content .buttons button {  
  padding: 10px 15px;  
  margin-left: 10px;  
}
```

```
#cancelBtn {  
  background-color: #e74c3c;  
  color: white;  
  border: none;  
  border-radius: 5px;  
}
```

```
#addCropBtn {  
  background-color: #16a085;  
  color: white;
```

```

border: none;

border-radius: 5px;

cursor: pointer;
}

/* Crop Image Styles */
.crop-image {
    width: 50px;
    height: 50px;
    object-fit: cover;
}

/* Search Bar Styles */
#searchBar {
    margin-bottom: 20px;
    padding: 10px;
    width: 100%;
    border: 1px solid #ccc;
    border-radius: 5px;
    font-size: 14px;
}

/* Card Container Styles */
.cards-container {
    display: flex;
    flex-wrap: wrap;
    gap: 20px;
    margin-top: 20px;
    justify-content: space-around;
}

```

```
/* Card Styling */  
  
.card {  
    background-color: white;  
    border-radius: 10px;  
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
    width: 30%;  
    margin-bottom: 20px;  
}
```

```
.card img {  
    width: 100%;  
    height: 180px;  
    object-fit: cover;  
    border-top-left-radius: 10px;  
    border-top-right-radius: 10px;  
}
```

```
.card h2 {  
    margin: 15px;  
    font-size: 20px;  
    color: #333;  
}
```

```
.card p {  
    margin: 0 15px 15px;  
    color: #666;  
    font-size: 16px;  
}
```

```
/* Footer Styles */  
  
footer {
```

```
background-color: #00c04b;
color: white;
text-align: center;
padding: 20px 0;
position: fixed;
bottom: 0;
width: 100%;
height: 60px;
position: relative;
}
```

```
footer a {
    color: #007bff;
}
```

```
footer a:hover {
    text-decoration: underline;
}
```

```
/* Mobile View Adjustments */
```

```
@media (max-width: 768px) {
    .cards-container {
        flex-direction: column;
        align-items: center;
    }
}
```

```
.card {
    width: 100%;
}
```

```
.sidebar {
```

```

        width: 100%; /* Full width on mobile */
        height: auto; /* Auto height on mobile */
    }

    .main-content {
        margin-left: 0; /* Adjust main content margin for mobile */
    }
}

```

Backend:

```

<?php
$host = 'localhost';
$db = 'csdba01';
$user = 'root'; // Adjust accordingly
$pass = 'Password2024'; // Adjust accordingly

// Create connection
$conn = new mysqli($host, $user, $pass, $db);

// Check connection
if ($conn->connect_error) {
    die(json_encode(['status' => 'error', 'message' => 'Connection failed: ' . $conn->connect_error]));
}

// Function to fetch all crops
function fetchCrops($conn) {
    $sql = "SELECT * FROM crops";
    $result = $conn->query($sql);
    return $result->fetch_all(MYSQLI_ASSOC);
}

```

```
// Function to add a new crop
```

```
function addCrop($conn, $cropName, $field, $seeds, $startDate, $endDate, $status,
$imagePath, $notes) {

    $sql = "INSERT INTO crops (crop_name, field_name, seeds, start_date, end_date, status,
image_path, notes)

        VALUES (?, ?, ?, ?, ?, ?, ?, ?)";

    $stmt = $conn->prepare($sql);

    $stmt->bind_param("ssiiisss", $cropName, $field, $seeds, $startDate, $endDate, $status,
$imagePath, $notes);

    $result = $stmt->execute();

    $stmt->close();

    return $result;
}
```

```
// Function to delete a crop
```

```
function deleteCrop($conn, $id) {

    $sql = "DELETE FROM crops WHERE id = ?";

    $stmt = $conn->prepare($sql);

    $stmt->bind_param("i", $id);

    $result = $stmt->execute();

    $stmt->close();

    return $result;
}
```

```
// Function to update a crop
```

```
function updateCrop($conn, $id, $cropName, $field, $seeds, $startDate, $endDate, $status,
$imagePath, $notes) {

    $sql = "UPDATE crops

        SET crop_name = ?, field_name = ?, seeds = ?, start_date = ?, end_date = ?, status = ?,
image_path = ?, notes = ?

        WHERE id = ?";

    $stmt = $conn->prepare($sql);
```



```

$stmt->bind_param("ssiiSSSS", $cropName, $field, $seeds, $startDate, $endDate, $status,
$imagePath, $notes, $id);

$result = $stmt->execute();

$stmt->close();

return $result;
}

```

```

// Handle AJAX requests

```

```

if ($_SERVER['REQUEST_METHOD'] === 'POST') {

```

```

    $action = $_POST['action'];

```

```

    switch ($action) {

```

```

        case 'fetchCrops':

```

```

            $crops = fetchCrops($conn);

```

```

            echo json_encode($crops);

```

```

            break;

```

```

        case 'addCrop':

```

```

            $cropName = $_POST['cropName'];

```

```

            $field = $_POST['field'];

```

```

            $seeds = $_POST['seeds'];

```

```

            $startDate = $_POST['startDate'];

```

```

            $endDate = $_POST['endDate'];

```

```

            $status = $_POST['status'];

```

```

            $notes = $_POST['notes'] ?? ''; // Optional field if needed

```

```

        // Handle image upload

```

```

        $imagePath = "";

```

```

        if (isset($_FILES['cropImage'])) {

```

```

            $targetDir = "uploads/";

```

```

            // Check if the upload directory exists, if not create it

```

```

        if (!is_dir($targetDir)) {
            mkdir($targetDir, 0755, true);
        }

        // Validate image type and size

        $fileType = strtolower(pathinfo($_FILES["cropImage"]["name"],
PATHINFO_EXTENSION));

        if (in_array($fileType, ['jpg', 'jpeg', 'png', 'gif']) && $_FILES["cropImage"]["size"] <=
5000000) { // 5MB limit

            $imagePath = $targetDir . basename($_FILES["cropImage"]["name"]);
            if (!move_uploaded_file($_FILES["cropImage"]["tmp_name"], $imagePath)) {
                echo json_encode(['status' => 'error', 'message' => 'Image upload failed']);
                exit();
            }
        } else {
            echo json_encode(['status' => 'error', 'message' => 'Invalid image type or size
exceeded']);
            exit();
        }
    }

    if (addCrop($conn, $cropName, $field, $seeds, $startDate, $endDate, $status,
$imagePath, $notes)) {
        echo json_encode(['status' => 'success']);
    } else {
        echo json_encode(['status' => 'error', 'message' => 'Database insertion failed']);
    }
    break;

case 'deleteCrop':
    $id = $_POST['id'];
    if (deleteCrop($conn, $id)) {

```

```

        echo json_encode(['status' => 'success']);
    } else {
        echo json_encode(['status' => 'error', 'message' => 'Database deletion failed']);
    }
    break;

case 'updateCrop':
    $id = $_POST['id'];
    $cropName = $_POST['cropName'];
    $field = $_POST['field'];
    $seeds = $_POST['seeds'];
    $startDate = $_POST['startDate'];
    $endDate = $_POST['endDate'];
    $status = $_POST['status'];
    $notes = $_POST['notes'];

    // Handle image update
    $imagePath = "";
    if (isset($_FILES['croplImage'])) {
        $targetDir = "uploads/";

        // Check if the upload directory exists, if not create it
        if (!is_dir($targetDir)) {
            mkdir($targetDir, 0755, true);
        }

        // Validate image type and size
        $fileType = strtolower(pathinfo($_FILES["croplImage"]["name"],
PATHINFO_EXTENSION));

        if (in_array($fileType, ['jpg', 'jpeg', 'png', 'gif']) && $_FILES["croplImage"]["size"] <=
5000000) { // 5MB limit

            $imagePath = $targetDir . basename($_FILES["croplImage"]["name"]);

```

```

        move_uploaded_file($_FILES["cropImage"]["tmp_name"], $imagePath);
    }
}

if (updateCrop($conn, $id, $cropName, $field, $seeds, $startDate, $endDate, $status,
$imagePath, $notes)) {
    echo json_encode(['status' => 'success']);
} else {
    echo json_encode(['status' => 'error', 'message' => 'Database update failed']);
}
break;

default:
    echo json_encode(['status' => 'error', 'message' => 'Invalid action']);
    break;
}
}

$conn->close();
?>

```

Crops information:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Crops - Farming Management System</title>
```

```
    <!-- Bootstrap CSS -->
```

```
    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

```

```

<link rel="stylesheet" href="crops.css">

</head>

<body>

<!-- Sidebar Navigation -->

<div class="sidebar">

  <ul>

    <li><a href="../home/home.html">Home</a></li>

    <li><a href="../calender/calender.html">Calendar</a></li>

    <li><a href="../crops information/crops.html" class="active">Crops</a></li>

    <li><a href="../livestock information/livestock.html">Livestock</a></li>

  </ul>

</div>

<!-- Main Content Section -->

<div class="main-content">

  <header>

    <h1>Crops Information</h1>

    <input type="text" placeholder="Search Crops or Videos..." id="searchBar"
onkeyup="searchFunction()">

  </header>

<!-- Cards Section -->

<div class="cards-container" id="cardsContainer">

  <a href="https://www.google.com/search?q=Wheat+farming" target="_blank">

    <div class="card" data-title="Wheat">

      <h2>Wheat</h2>

      <p>Learn about wheat farming, its seasons, and best practices.</p>

    </div>

  </a>

```

```

<a href="https://www.google.com/search?q=vegetable+farming" target="_blank">
  <div class="card" data-title="Vegetables">
    
    <h2>Vegetables</h2>
    <p>Discover the best practices for growing vegetables.</p>
  </div>
</a>

```

```

<a href="https://www.britannica.com/plant/sugar-beet" target="_blank">
  <div class="card" data-title="Sugarbeets">
    
    <h2>Sugarbeets</h2>
    <p>Learn about growing sugar beets and their agricultural value.</p>
  </div>
</a>

```

```

<a href="https://www.agribook.co.za/maize-corn/" target="_blank">
  <div class="card" data-title="corn">
    
    <h2>corn</h2>
    <p>Learn about growing corns and their agricultural value.</p>
  </div>
</a>

```

```

<!-- More Crop Cards... -->
</div>

```

```

<!-- Videos Section -->
<div class="container mt-4" id="videosContainer">
  <h2 class="text-center">Educational Videos</h2>

```

```

<div class="list-group">

  <!-- Video 1 -->

  <div class="list-group-item" data-title="Wheat Farming Techniques">

    <h3>Wheat Farming Techniques</h3>

    <video width="100%" controls muted>

      <source
src="Wheat_Farming__Wheat_Cultivation_Guide__How_to_grow_Wheat(1080p).mp4"
type="video/mp4"> <!-- Replace with actual video path -->

      Your browser does not support the video tag.

    </video>

  </div>

  <!-- Video 2 -->

  <div class="list-group-item" data-title="Vegetable Farming Guide">

    <h3>Vegetable Farming Guide</h3>

    <video width="100%" controls muted>

      <source src="videoplayback (4).mp4" type="video/mp4"> <!-- Replace with actual
video path -->

      Your browser does not support the video tag.

    </video>

  </div>

  <!-- Video 3 -->

  <div class="list-group-item" data-title="Sugar Beet Farming">

    <h3>Sugar Beet Farming</h3>

    <video width="100%" controls muted>

      <source src="Sugar beet Cultivation (Complete Information) _ How Sugar is Made__
Sugar beet Farming.mp4" type="video/mp4"> <!-- Replace with actual video path -->

      Your browser does not support the video tag.

    </video>

  </div>

```

```

<!-- Video 4 -->

<div class="list-group-item" data-title="Farming Tools for Crops">

    <h3>Farming Tools for Crops</h3>

    <video width="100%" controls muted>

        <source src="Top_10_Agriculture_Machines_Videos(1080p).mp4"
type="video/mp4"> <!-- Replace with actual video path -->

        Your browser does not support the video tag.

    </video>

</div>

<!-- Video 5 -->

<div class="list-group-item" data-title="Crop Rotation Techniques">

    <h3>Crop Rotation Techniques</h3>

    <video width="100%" controls muted>

        <source src="Crop_Rotation__A_Way_To_Boost_Your_Yields(1080p).mp4"
type="video/mp4"> <!-- Replace with actual video path -->

        Your browser does not support the video tag.

    </video>

</div>

</div>

</div>

```

```

<!-- JavaScript for Search Function -->

<script>

    function searchFunction() {

        // Declare variables

        var input, filter, cards, videos, i, txtValue;

        input = document.getElementById('searchBar');

        filter = input.value.toLowerCase();
    }

```



```

cards = document.querySelectorAll('.cards-container .card');
videos = document.querySelectorAll('#videosContainer .list-group-item');

// Loop through cards and videos to hide those that don't match the search query
cards.forEach(card => {
    txtValue = card.getAttribute('data-title').toLowerCase();
    card.parentElement.style.display = txtValue.includes(filter) ? "" : "none";
});

videos.forEach(video => {
    txtValue = video.getAttribute('data-title').toLowerCase();
    video.style.display = txtValue.includes(filter) ? "" : "none";
});
}
</script>
</script>
<footer class="text-center mt-4">
    <p class="translate" data-translate="footerText">&copy; 2024 FMS Inventory. All Rights Reserved.</p>
</footer>
</body>
</html>

```

Styles:

```
/* Global Styling */
```

```

footer {
    background-color: #264653;
    color: white;
    text-align: center;
    padding: 15px 0; /* Define footer height */
    position: fixed;

```

```
    bottom: 0;
    width: 100%;
    height: 60px; /* Set specific height for footer */
}
```

```
*{
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
```

```
body{
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
}
```

```
/* Sidebar Navigation */
```

```
.sidebar{
    width: 200px;
    height: 100vh;
    background-color: #3A6351;
    position: fixed;
    top: 0;
    left: 0;
    display: flex;
    flex-direction: column;
    padding-top: 20px;
}
```

```
.sidebar ul{
    list-style: none;
```

```

padding: 0;
}

.sidebar ul li {
margin-bottom: 10px;
}

.sidebar ul li a {
text-decoration: none;
color: #fff;
display: block;
padding: 10px;
font-size: 16px;
}

.sidebar ul li a.active,
.sidebar ul li a:hover {
background-color: #4C9A62;
}

/* Main Content */
.main-content {
margin-left: 220px;
padding: 20px;
}

header {
display: flex;
justify-content: space-between;
align-items: center;
margin-bottom: 20px;

```

```
}
```

```
header h1 {  
  font-size: 24px;  
  color: #333;  
}
```

```
#searchBar {  
  padding: 10px;  
  font-size: 16px;  
  width: 300px;  
  border: 1px solid #ccc;  
  border-radius: 5px;  
}
```

```
/* Cards Styling */
```

```
.cards-container {  
  display: flex;  
  flex-wrap: wrap;  
  gap: 20px;  
}
```

```
.card {  
  background-color: white;  
  border-radius: 10px;  
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
  overflow: hidden;  
  width: 300px;  
}
```

```
.card img {
```

```

width: 100%;
height: 180px;
object-fit: cover;
}

.card h2 {
margin: 15px;
font-size: 20px;
color: #333;
}

.card p {
margin: 0 15px 15px;
color: #666;
font-size: 16px;
}

/* Responsive Design */
@media (max-width: 768px) {
main-content {
margin-left: 0;
}

.cards-container {
justify-content: center;
}
}

footer {
background-color: #264653;
color: white;
}

```

```

text-align: center;
padding: 15px 0; /* Define footer height */
position: fixed;
bottom: 0;
width: 100%;
height: 60px; /* Set specific height for footer */
}

```

Scripts:

```

document.addEventListener('contextmenu', function(e) {
    e.preventDefault();
});

```

```

document.addEventListener('keydown',function(e)
{
if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {
    e.preventDefault();
}
});

```

E-commerce:

Product:

Frontend:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>E-commerce :Farm Management Products</title>
```

```
<link rel="stylesheet" href="styles.css">
```

```
<link rel="preconnect" href="https://fonts.googleapis.com">
```

```
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
```

```

<link
href="https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,100;0,200;0,300;0,400;
0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&displa
y=swap"

rel="stylesheet">

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH"

crossorigin="anonymous">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-
beta3/css/all.min.css">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-
beta3/css/all.min.css">

<style>

/* General Styles */

/* General Styles */

body {

font-family: Arial, sans-serif;

font-size: 16px;

margin: 0;

padding: 0;

box-sizing: border-box;

background-color: #dedede;

}

.poppins-thin {

font-family: "Poppins", sans-serif;

font-weight: 100;

font-style: normal;

}

.poppins-extralight {

font-family: "Poppins", sans-serif;

font-weight: 200;

```

```
font-style: normal;  
}
```

```
.poppins-light {  
font-family: "Poppins", sans-serif;  
font-weight: 300;  
font-style: normal;  
}
```

```
.poppins-regular {  
font-family: "Poppins", sans-serif;  
font-weight: 400;  
font-style: normal;  
}
```

```
.poppins-medium {  
font-family: "Poppins", sans-serif;  
font-weight: 500;  
font-style: normal;  
}
```

```
.poppins-semibold {  
font-family: "Poppins", sans-serif;  
font-weight: 600;  
font-style: normal;  
}
```

```
.poppins-bold {  
font-family: "Poppins", sans-serif;  
font-weight: 700;  
font-style: normal;
```



```
}
```

```
.poppins-extrabold {  
  font-family: "Poppins", sans-serif;  
  font-weight: 800;  
  font-style: normal;  
}
```

```
.poppins-black {  
  font-family: "Poppins", sans-serif;  
  font-weight: 900;  
  font-style: normal;  
}
```

```
.poppins-thin-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 100;  
  font-style: italic;  
}
```

```
.poppins-extralight-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 200;  
  font-style: italic;  
}
```

```
.poppins-light-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 300;  
  font-style: italic;  
}
```

```
.poppins-regular-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 400;  
  font-style: italic;  
}
```

```
.poppins-medium-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 500;  
  font-style: italic;  
}
```

```
.poppins-semibold-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 600;  
  font-style: italic;  
}
```

```
.poppins-bold-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 700;  
  font-style: italic;  
}
```

```
.poppins-extrabold-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 800;  
  font-style: italic;  
}
```

```
.poppins-black-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 900;  
  font-style: italic;  
}
```

```
header {  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
  background-color: #006400;  
  padding: 15px 30px;  
  color: #fff;  
}
```

```
header .logo {  
  font-size: 24px;  
  font-weight: bold;  
}
```

```
nav ul {  
  list-style-type: none;  
  display: flex;  
  gap: 20px;  
  font-size: 18px;  
}
```

```
nav ul li a {  
  color: #fff;  
  text-decoration: none;  
}
```

```
.cta {  
  background-color: #fff;  
  color: #006400;  
  padding: 10px 20px;  
  border: none;  
  cursor: pointer;  
  font-size: 16px;  
}
```

```
.hero {  
  background-image: url('bg.jpg');  
  background-size: cover;  
  color: white;  
  text-align: center;  
  padding: 80px 50px;  
  font-size: 36px;  
}
```

```
.hero h1 {  
  font-size: 36px;  
  margin-bottom: 20px;  
}
```

```
.btn-primary, .btn-secondary {  
  margin: 10px;  
  padding: 10px 20px;  
  border: none;  
  cursor: pointer;  
  font-size: 16px;  
}
```

```
.btn-primary {  
  background-color: #fff;  
  color: #006400;  
}
```

```
.btn-secondary {  
  background-color: #006400;  
  color: #fff;  
}
```

```
.product-categories, .highlighted-products, .testimonials {  
  padding: 40px 20px;  
  text-align: center;  
  font-size: 20px;  
}
```

```
.category-grid, .product-grid {  
  display: flex;  
  justify-content: space-around;  
  flex-wrap: wrap;  
  gap: 20px;  
}
```

```
.category, .product-card {  
  border: 2px solid black;  
  padding: 20px;  
  max-width: 300px;  
  box-shadow: 0 4px 6px rgba(0, 0, 0, 0.2);  
  border-radius: 10px;  
  background-color: #fff;  
}
```

```
    transition: transform 0.3s;
}
```

```
.category:hover, .product-card:hover {
    transform: scale(1.05);
}
```

```
img {
    width: 100%;
    height: 200px;
    object-fit: cover;
    border-radius: 8px;
}
```

```
h3 {
    color: #333;
    font-size: 24px;
    margin-top: 15px;
}
```

```
p {
    color: black;
    font-size: 16px;
    line-height: 1.5;
}
```

```
.price {
    font-size: 18px;
    color: #006400;
    margin-top: 10px;
}
```

```
.btn-buy {  
  padding: 10px 20px;  
  font-size: 16px;  
  border: none;  
  background-color: #006400;  
  color: #fff;  
  cursor: pointer;  
  border-radius: 8px;  
  margin: 10px;  
}
```

```
.btn-buy:hover {  
  background-color: #004d00;  
}
```

```
.testimonials .testimonial-slider {  
  position: relative;  
  width: 80%;  
  margin: 0 auto;  
  font-size: 18px;  
}
```

```
.testimonial {  
  margin-bottom: 20px;  
}
```

```
footer {  
  background-color: white;  
  color: white;  
  text-align: center;
```

```

padding: 20px;
font-size: 16px;
}

.prev, .next {
background-color: #4ee44e;
color: #fff;
padding: 10px 20px;
font-size: 16px;
border: none;
border-radius: 8px;
cursor: pointer;
transition: background-color 0.3s;
}

.prev:hover, .next:hover {
background-color: #004d00;
}

/* Responsive Adjustments */
@media (max-width: 768px) {
header .logo {
font-size: 18px;
}

nav ul {
font-size: 16px;
}

.hero {
font-size: 24px;

```



```
padding: 60px 10px;
}
```

```
.btn-primary, .btn-secondary {
  font-size: 14px;
}
```

```
.product-categories, .highlighted-products, .testimonials {
  font-size: 18px;
}
```

```
.category, .product-card {
  max-width: 100%;
}
}
```

```
.cart-icon {
  font-size: 1.5rem;
  color: white;
  margin-right: 10px;
  position: relative;
}
```

```
.cart-count {
  position: absolute;
  top: -10px;
  right: -10px;
  background-color: red;
  color: white;
  border-radius: 50%;
  padding: 5px;
}
```

```

        font-size: 0.8rem;
    }

    /* Styles for quantity controls */
    .quantity-controls {
        display: flex;
        align-items: center;
        margin: 10px 0;
    }

    .btn-quantity {
        padding: 5px 10px;
        font-size: 16px;
        border: 1px solid #006400;
        background-color: #fff;
        color: #006400;
        cursor: pointer;
        border-radius: 4px;
    }

    .btn-quantity:hover {
        background-color: #e6ffe6; /* Light green on hover */
    }

    .quantity {
        margin: 0 10px;
        font-size: 16px;
    }

    .dropdown-menu {
        display: none; /* Hide the dropdown by default */
        position: absolute; /* Position relative to header */
    }

```

```

background-color: #fff; /* Background color for dropdown */
border: 1px solid #006400; /* Border color */
border-radius: 8px; /* Rounded corners */
z-index: 1000; /* Make sure it appears above other content */
margin-top: 10px; /* Space below the button */
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2); /* Shadow effect */
}

```

```

.dropdown-menu ul {
list-style: none; /* Remove bullets */
padding: 10px; /* Padding around the list */
margin: 0; /* Remove margin */
}

```

```

.dropdown-menu ul li {
padding: 5px 10px; /* Padding for each item */
}

```

```

.dropdown-menu ul li a {
text-decoration: none; /* Remove underline */
color: #006400; /* Link color */
}

```

```

.dropdown-menu ul li a:hover {
background-color: #f0f0f0; /* Hover effect */
}

```

```

</style>

```

```

</head>

```

```

<body>

```

```

<!-- Header -->

```

```

<!-- Header -->
<header>
  <a class="navbar-brand" href="#" id="sidebarToggle">
    <i class="fa-solid fa-shop" style="margin-right:8px;"></i>My Store
  </a>
  <nav>
    <ul>
      <li><a href="../home/home.html">Home</a></li>
      <li><a href="../E-commrce/products.html">Products</a></li>
      <li><a href="../E-commrce/crop1.html">Crops</a></li>
      <li><a href="../E-commrce/livestock.html">Livestock</a></li>
      <li><a href="../about us/about-us.html">About Us</a></li>
      <li><a href="../contact us/contact.html">Contact</a></li>
      <li class="nav-item dropdown">
        <a class="nav-link dropdown-toggle" href="#" role="button" id="dropdownMenuLink" data-
        bs-toggle="dropdown" aria-expanded="false">
          <i class="fas fa-user"></i> Account
        </a>
        <ul class="dropdown-menu" aria-labelledby="dropdownMenuLink">
          <li><a class="dropdown-item" href="#" id="signOutButton">Sign Out</a></li>
        </ul>
      </li>
    </ul>
  </nav>
  <a href="#">
    <i class="fas fa-shopping-cart cart-icon"></i>
    <span class="cart-count" id="cartCount">0</span>
  </a>
</header>

<script>

```

```

// JavaScript for Sign Out functionality
document.getElementById('signOutButton').addEventListener('click', (event) => {
  event.preventDefault(); // Prevent default link behavior
  window.location.href = '../home/home.html'; // Redirect to the home page
});

const dropdownToggle = document.getElementById('sidebarToggle');
const dropdownMenu = document.getElementById('dropdownMenu');

dropdownToggle.addEventListener('click', (e) => {
  e.preventDefault(); // Prevent default anchor click behavior
  dropdownMenu.style.display = dropdownMenu.style.display === 'block' ? 'none' : 'block';
});

// Optional: Close the dropdown when clicking outside of it
document.addEventListener('click', (e) => {
  if (!dropdownToggle.contains(e.target) && !dropdownMenu.contains(e.target)) {
    dropdownMenu.style.display = 'none';
  }
});

// JavaScript for Testimonial Slider
let currentIndex = 0;
const testimonials = document.querySelectorAll('.testimonial');
const prevButton = document.querySelector('.prev');
const nextButton = document.querySelector('.next');

function showTestimonial(index) {
  testimonials.forEach((testimonial, i) => {
    testimonial.style.display = i === index ? 'block' : 'none';
  });
}

```

```
}
```

```
prevButton.addEventListener('click', () => {  
  currentIndex = (currentIndex > 0) ? currentIndex - 1 : testimonials.length - 1;  
  showTestimonial(currentIndex);  
});
```

```
nextButton.addEventListener('click', () => {  
  currentIndex = (currentIndex < testimonials.length - 1) ? currentIndex + 1 : 0;  
  showTestimonial(currentIndex);  
});
```

```
// Initialize slider  
showTestimonial(currentIndex);
```

```
</script>
```

```
<!-- Hero Section -->
```

```
<section class="hero">
```

```
  <h1>Efficient Farm Management for a Sustainable Future</h1>
```

```
  <p>Explore innovative tools and technologies designed to boost productivity and simplify  
farm operations.</p>
```

```
  <button class="btn-primary"><a href="../products/products.html"> Products</a></button>
```

```
  <button class="btn-secondary">Learn More</button>
```

```
</section>
```

```
<!-- Product Categories -->
```

```
<section class="product-categories">
```

```
  <h2>Product Categories</h2>
```

```
  <div class="category-grid">
```

```
    <div class="category">
```

```
      
```

Cows

Our high-quality dairy and beef cows are well-fed and cared for, ensuring the finest milk and meat products. With a focus on sustainable farming practices, our cows contribute to both our farm's productivity and the local economy.

Purchasing our cows means investing in superior livestock that supports your farming needs.

Crops

We offer a diverse range of crops grown using organic methods, guaranteeing fresh, nutrient-rich produce for your family or business.

Our commitment to sustainable agriculture not only enhances soil health but also yields bountiful harvests throughout the year.

Buying our crops means supporting local farming and enjoying fresh, flavorful food.

Sheep

Our sheep are raised in a healthy environment, producing high-quality wool and meat while promoting sustainable grazing practices. With a focus on animal welfare and genetic diversity, our sheep provide exceptional products for both personal and commercial use.

By choosing our sheep, you're investing in premium livestock that thrives on our farm.

<h2>Highlighted Products</h2>

<div class="product-grid">

<div class="product-card">

<h3>Simmental</h3>

<p>Gender: Female (Heifer) / Male (Bull).</p>

<p>Weight: Females: 1,300-1,600 lbs (590-725 kg).</p>

<p></p>

<p class="price">R10,000</p>

<!-- Quantity Controls -->

<div class="quantity-controls">

<button class="btn-quantity minus">-</button>

1

<button class="btn-quantity plus">+</button>

</div>

<button class="btn-buy" data-product="Automatic Harvester" data-price="10000">Buy
Now</button>

</div>

<div class="product-card">

<h3>Tomatoes</h3>

<p>Varieties: Roma, Cherry, Beefsteak</p>

<p>Tomatoes are versatile and can be eaten raw in salads or cooked in various dishes.
</p>

<p>They are rich in vitamins A and C and contain antioxidants like lycopene..</p>

<p class="price">R2,500</p>

<!-- Quantity Controls -->

<div class="quantity-controls">

<button class="btn-quantity minus">-</button>

1

<button class="btn-quantity plus">+</button>


```

    </div>

    <button class="btn-buy" data-product="GPS Tracker for Crops" data-price="2500">Buy
Now</button>

</div>

<div class="product-card">

    <h3> Spinach</h3>

    <p>Varieties: Savoy, Flat-leaf, Semi-savoy</p>

    <p>Spinach is a nutrient-dense leafy green that can be consumed raw or cooked.</p>

    <p> is rich in iron, calcium, and vitamins A, C, and K.</p>

    <p class="price">R500</p>

    <!-- Quantity Controls -->

    <div class="quantity-controls">

        <button class="btn-quantity minus">-</button>

        <span class="quantity">1</span>

        <button class="btn-quantity plus">+</button>

    </div>

    <button class="btn-buy" data-product="Soil Moisture Sensor" data-price="500">Buy
Now</button>

</div>

</div>

</section>

<script>

    // JavaScript for quantity adjustment

    document.querySelectorAll('.btn-quantity').forEach(button => {

        button.addEventListener('click', () => {

            const quantityElement = button.parentElement.querySelector('.quantity');

            let quantity = parseInt(quantityElement.textContent);

            if (button.classList.contains('plus')) {

                quantity++;

```

```

    } else if (button.classList.contains('minus') && quantity > 1) {
        quantity--;
    }

    quantityElement.textContent = quantity;
});
});

// Initialize an empty cart
let cart = [];

// Function to update the cart count
function updateCartCount() {
    const cartCount = document.getElementById('cartCount');
    cartCount.textContent = cart.reduce((total, item) => total + item.quantity, 0);
}

// Buy Now functionality to add products to the cart
document.querySelectorAll('.btn-buy').forEach(button => {
    button.addEventListener('click', () => {
        const productName = button.getAttribute('data-product');
        const productPrice = parseFloat(button.getAttribute('data-price'));
        const quantity = parseInt(button.parentElement.querySelector('.quantity').textContent);

        // Check if product already exists in the cart
        const existingProduct = cart.find(item => item.name === productName);
        if (existingProduct) {
            existingProduct.quantity += quantity; // Update quantity if product is already in the cart
        } else {
            // Add new product to the cart
            cart.push({

```

```

        name: productName,
        price: productPrice,
        quantity: quantity
    });
}

// Update the cart count
updateCartCount();

// Redirect to cart page (optional)
// window.location.href = '../try/cart.html'; // Uncomment if you want to navigate to the cart
page
});
});

// Initially update cart count (in case items are loaded from storage)
updateCartCount();

</script>

<!-- Testimonials -->
<section class="testimonials">
    <h2>What Our Customers Say</h2>
    <div class="testimonial-slider">
        <div class="testimonial">
            <p>"Using their farm management software has revolutionized the way I track crop health.
It's a game-changer!"</p>
            <h4>Metchis Mathombe, Wheat Farmer</h4>
        </div>
        <div class="testimonial">
            <p>"Their smart tractors saved me hours of manual labor!"</p>

```

```

    <h4>Tshepang Ngulube, Corn Farmer</h4>

  </div>

</div>

</section>


<!-- Footer -->

<footer>

  <p>&copy; 2024 FMS. All rights reserved.</p>

</footer>


<script src="script.js"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jleHz"
crossorigin="anonymous"></script>

</body>

</html>

```

Cart:

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Shopping Cart</title>

  <link rel="stylesheet" href="styles.css">

  <style>

    /* General Styles */

    body {

      font-family: Arial, sans-serif;

      margin: 0;

```

```

padding: 0;
box-sizing: border-box;
background-color: #f4f4f4;
color: #333;
}

h1, h2, h3, h4, p {
margin: 10px 0;
}

a {
text-decoration: none;
color: #333;
}

a:hover {
color: #007bff;
}

/* Navbar Styles */
.nav-bar {
background-color: #28a745; /* Changed to green */
color: white;
padding: 15px;
display: flex;
justify-content: space-between;
align-items: center;
}

.nav-bar h1 {
margin: 0;

```

```
}
```

```
.nav-bar ul {  
  list-style-type: none;  
  display: flex;  
  gap: 15px;  
}
```

```
.nav-bar ul li {  
  display: inline;  
}
```

```
.nav-bar ul li a {  
  color: white;  
  padding: 10px 15px;  
  border-radius: 5px;  
}
```

```
.nav-bar ul li a:hover {  
  background-color: #007bff;  
}
```

```
/* Product Details Section */
```

```
.product-details {  
  width: 80%;  
  max-width: 800px;  
  margin: 40px auto;  
  padding: 20px;  
  background-color: white;  
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
  border-radius: 8px;
```

```
    text-align: center;
}
```

```
.product-details img {
    max-width: 100%;
    height: auto;
    border-radius: 8px;
}
```

```
.product-details h2 {
    font-size: 2em;
    color: #007bff;
}
```

```
.product-details p {
    font-size: 1.2em;
}
```

```
.quantity {
    display: flex;
    justify-content: center;
    align-items: center;
    margin: 20px 0;
}
```

```
.quantity button {
    background-color: #007bff;
    color: white;
    border: none;
    padding: 10px 15px;
    font-size: 1.2em;
```

```

border-radius: 5px;
cursor: pointer;
margin: 0 5px;
}

.quantity input {
width: 50px;
text-align: center;
font-size: 1.2em;
padding: 5px;
border: 1px solid #ccc;
border-radius: 5px;
}

button {
background-color: #28a745;
color: white;
border: none;
padding: 15px 20px;
font-size: 1em;
border-radius: 5px;
cursor: pointer;
margin-top: 10px;
}

button:hover {
background-color: #218838;
}

/* Cart Styles */
.cart {

```



```
width: 80%;  
max-width: 800px;  
margin: 40px auto;  
padding: 20px;  
background-color: white;  
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);  
border-radius: 8px;  
}
```

```
.cart h2 {  
  text-align: center;  
  margin-bottom: 20px;  
  color: #007bff;  
}
```

```
.cart-item {  
  border-bottom: 1px solid #ccc;  
  padding: 10px 0;  
}
```

```
.cart-item h4 {  
  font-size: 1.5em;  
  margin: 10px 0;  
}
```

```
.cart-item p {  
  margin: 5px 0;  
}
```

```
.cart-item button {  
  background-color: #dc3545;
```

```

        color: white;

        padding: 10px;

        border: none;

        border-radius: 5px;

        cursor: pointer;
    }

    .cart-item button:hover {

        background-color: #c82333;
    }

    /* Footer Styles */
    footer {

        background-color: #28a745; /* Changed to green */
        color: white;
        text-align: center;
        padding: 10px 0;
        position: absolute;
        width: 100%;
        bottom: 0;
    }
</style>
</head>
<body>
    <header>

        <div class="nav-bar">

            <h1>My Store</h1>

            <nav>

                <ul>

                    <li><a href="index.html">Home</a></li>

                    <li><a href="crops.html">Crops</a></li>

```

```

        <li><a href="livestock.html">Livestock</a></li>

        <li><a href="contact.html">Contact Us</a></li>
    </ul>
</nav>
</div>
</header>

<section class="cart">
    <h2>Your Cart</h2>
    <div id="cartItems"></div>
    <button onclick="checkout()">Proceed to Checkout</button>
    <button onclick="proceedShopping()">Proceed Shopping</button>
</section>

<footer>
    <p>© 2024 My Store. All rights reserved.</p>
</footer>

<script src="app.js"></script>
<script>
    // Sample cart array for testing
    let cart = []; // Change this to test with items in the cart

    function updateCartUI() {
        let cartItems = document.getElementById('cartItems');
        cartItems.innerHTML = "";

        if (cart.length === 0) {
            cartItems.innerHTML = `<p>Your cart is empty.</p>`;
        } else {
            cart.forEach((product, index) => {

```

```

let itemDiv = document.createElement('div');

itemDiv.className = 'cart-item';

itemDiv.innerHTML = `
    <h4>${product.name}</h4>

    <p>Price: R ${product.price}.00 ZAR</p>

    <p>Quantity: ${product.quantity}</p>

    <p>Total: R ${product.price * product.quantity}.00 ZAR</p>

    <button onclick="removeFromCart(${index})">Remove</button>
`;

cartItems.appendChild(itemDiv);
});
}
}

```

```

function removeFromCart(index) {
    cart.splice(index, 1);
    updateCartUI();
}

```

```

function checkout() {
    if (cart.length === 0) {
        alert('Your cart is empty!');
        return;
    }

    // Proceed to checkout logic here
    alert('Proceeding to checkout...');
}

```

```

function proceedShopping() {
    // Redirect to the products page

```

```
        window.location.href = "../products/products.html"; // Replace with the actual path to
your products page
```

```
    }
```

```
    // Call this function initially to display the cart content
```

```
    updateCartUI();
```

```
</script>
```

```
<script>
```

```
function updateCartUI() {
```

```
    let cartItems = document.getElementById('cartItems');
```

```
    cartItems.innerHTML = "";
```

```
    let cart = JSON.parse(localStorage.getItem('cart')) || [];
```

```
    if (cart.length === 0) {
```

```
        cartItems.innerHTML = `<p>Your cart is empty.</p>`;
```

```
    } else {
```

```
        cart.forEach((product, index) => {
```

```
            let itemDiv = document.createElement('div');
```

```
            itemDiv.className = 'cart-item';
```

```
            itemDiv.innerHTML = `
```

```
                <h4>${product.name}</h4>
```

```
                <p>Price: R ${product.price}.00 ZAR</p>
```

```
                <p>Quantity: ${product.quantity}</p>
```

```
                <p>Total: R ${product.price * product.quantity}.00 ZAR</p>
```

```
                <button onclick="removeFromCart(${index})">Remove</button>
```

```
            `;
```

```
            cartItems.appendChild(itemDiv);
```

```
        });
```

```
    }
```

```
}
```

```
function removeFromCart(index) {
    let cart = JSON.parse(localStorage.getItem('cart')) || [];
    cart.splice(index, 1);
    localStorage.setItem('cart', JSON.stringify(cart));
    updateCartUI();
}
```

```
updateCartUI();
```

```
</script>
```

```
</body>
```

```
</html>
```

Crops:

```
<!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="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
```

```
<title>Crops Store</title>
```

```
<style>
```

```
body {
    background-color: #f8f9fa;
}
```

```
.header {
    background-color: #28a745; /* Green header */
}
```

```
color: white;

padding: 20px;

text-align: center;
}
```

```
.card img{

width: 100%;

height: 200px; /* Adjusted height */

transition: transform 0.3s;
}
```

```
.card:hover img{

transform: scale(1.1); /* Image pop effect */
}
```

```
.footer{

background-color: #28a745; /* Green footer */

color: white;

padding: 20px;

text-align: center;
}
```

```
.buy-now-btn {

background-color: #28a745; /* Green button */

color: white;

border: none;

padding: 10px;

cursor: pointer;
}
```

```
.buy-now-btn:hover {
```

```
background-color: #218838; /* Darker green on hover */
}
```

```
/* Custom styles for navbar */
```

```
.navbar {
  margin-bottom: 20px;
}
```

```
#searchInput {
  width: 300px;
  margin-right: 10px;
}
```

```
.cart-count {
  background-color: gray;
  border-radius: 50%;
  padding: 5px 10px;
  position: relative;
  top: -10px;
  right: -10px;
  font-weight: bold;
}
```

```
/* Cart Table Styles */
```

```
#cartTable {
  display: none; /* Hide the cart by default */
  margin-top: 20px;
}
```

```
#cartTable table {
  width: 100%;
```



```

    background-color: white;
}

#cartTable th, #cartTable td {
    padding: 10px;
    border: 1px solid #ddd;
    text-align: center;
}

/* Invoice Section */
#invoiceSection {
    display: none; /* Hide invoice by default */
    margin-top: 30px;
}

.buy-now-btn {
    background-color: #28a745; /* Green button */
    color: white;
    border: none;
    padding: 10px;
    cursor: pointer;
}

.buy-now-btn:hover {
    background-color: #218838; /* Darker green on hover */
}

/* Custom styles for navbar */
.navbar {
    margin-bottom: 20px;
}

```

```
#searchInput {  
    width: 300px;  
    margin-right: 10px;  
}
```

```
.cart-count {  
    background-color: gray;  
    border-radius: 50%;  
    padding: 5px 10px;  
    position: relative;  
    top: -10px;  
    right: -10px;  
    font-weight: bold;  
}
```

/ Cart Table Styles */*

```
#cartTable {  
    display: none; /* Hide the cart by default */  
    margin-top: 20px;  
}
```

```
#cartTable table {  
    width: 100%;  
    background-color: white;  
}
```

```
#cartTable th, #cartTable td {  
    padding: 10px;  
    border: 1px solid #ddd;  
    text-align: center;
```

```

}

/* Invoice Styles */
.invoice-popup {
    display: none;
    position: fixed;
    top: 20%;
    left: 50%;
    transform: translate(-50%, -50%);
    background-color: white;
    padding: 20px;
    border: 1px solid #ddd;
    z-index: 9999;
    width: 50%;
    max-width: 600px;
}

.invoice-popup h3 {
    margin-bottom: 20px;
}

.invoice-popup .close-btn {
    background-color: red;
    color: white;
    border: none;
    padding: 10px;
    cursor: pointer;
}
</style>
</head>

```

```

<body>

<header class="header">
  <h1>Crops Store</h1>
  <h3>Your one-stop shop for fresh crops!</h3>
</header>

<nav class="navbar navbar-expand-lg navbar-light bg-light">
  <a class="navbar-brand" href="#">Crops Store</a>

  <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle
navigation">

    <span class="navbar-toggler-icon"></span>
  </button>

  <div class="collapse navbar-collapse" id="navbarNav">
    <ul class="navbar-nav">

      <li class="nav-item">
        <a class="nav-link" href="../E-commrce/crop1.html">Main</a>
      </li>
    </ul>

    <form class="form-inline ml-auto" onsubmit="handleSearch(event)">
      <input class="form-control" type="search" id="searchInput" placeholder="Search
crops..." aria-label="Search">

      <button class="btn btn-outline-success" type="submit">Search</button>
    </form>

    <button class="btn btn-outline-warning ml-3" onclick="toggleCart()">
      Cart <span class="cart-count" id="cartCount">0</span>
    </button>
  </div>
</nav>

```

```

<div class="container mt-4">

  <!-- Products section goes here (Vegetables, Fruits, Grains) -->

  <!-- Vegetables Section -->

  <h2>Vegetables</h2>

  <div class="row">

    <!-- Vegetable Card 1 -->

    <div class="col-md-3">

      <div class="card">

        <div class="card-body">

          <h5 class="card-title">Spinach</h5>

          <p class="card-text">Price: R50</p>

          <p class="card-text">Availability: In Stock</p>

          <button class="buy-now-btn" onclick="addToCart('Vegetable 1')>Buy
Now</button>

        </div>

      </div>

    </div>

    <!-- Vegetable Card 2 -->

    <div class="col-md-3">

      <div class="card">

        <div class="card-body">

          <h5 class="card-title">Tomatoes</h5>

          <p class="card-text">Price: R60</p>

          <p class="card-text">Availability: In Stock</p>

          <button class="buy-now-btn" onclick="addToCart('Vegetable 2')>Buy
Now</button>

        </div>

      </div>

    </div>

  </div>

```

```

<!-- Vegetable Card 3 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Bell Peppers</h5>

      <p class="card-text">Price: R45</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Vegetable 3')">Buy
Now</button>

    </div>

  </div>

</div>

<!-- Vegetable Card 4 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Cucumbers</h5>

      <p class="card-text">Price: R70</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Vegetable 4')">Buy
Now</button>

    </div>

  </div>

</div>

</div>

<!-- Fruits Section -->

<h2 class="mt-4">Fruits</h2>

<div class="row">

```

```

<!-- Fruit Card 1 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Oranges</h5>
      <p>Varieties: Navel, Valencia, Blood Orange</p>
      <p>Oranges are juicy, citrus fruits rich in vitamin C. </p>
      <p>They can be eaten fresh or juiced, making them a refreshing addition to
breakfast or snacks.</p>
      <p class="card-text">Price: R80</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Fruit 1')>Buy Now</button>
    </div>
  </div>
</div>
<!-- Fruit Card 2 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Pomegranate</h5>
      <p>Varieties: Highbush, Lowbush, Wild</p>
      <p>Pomegranate are small, sweet berries that are rich in antioxidants and vitamins
C and K. can be eaten fresh, added to cereals, or used in baked goods.</p>
      <p class="card-text">Price: R90</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Fruit 2')>Buy Now</button>
    </div>
  </div>
</div>

```

```

<!-- Fruit Card 3 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Blueberries</h5>

      <p>Varieties: Highbush, Lowbush, Wild</p>

      <p>Blueberries are small, sweet berries that are rich in antioxidants and vitamins C
and K. can be eaten fresh, added to cereals, or used in baked goods.</p>

      <p class="card-text">Price: R85</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Fruit 3')>Buy Now</button>

    </div>

  </div>

</div>

<!-- Fruit Card 4 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Grapes</h5>

      <p>Varieties: Concord, Thompson Seedless, Red Globe</p>

      <p>Grapes are small, sweet fruits that can be eaten fresh or dried (as raisins).</p>

      <p>They are high in antioxidants and hydration, making them a popular snack.</p>

      <p class="card-text">Price: R75</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Fruit 4')>Buy Now</button>

    </div>

  </div>

</div>

</div>

```



```

<!-- Grains Section -->

<h2 class="mt-4">Grains</h2>

<div class="row">

  <!-- Grain Card 1 -->

  <div class="col-md-3">

    <div class="card">

      <div class="card-body">

        <h5 class="card-title">Wheat</h5>

        <p>Hard Red, Soft Red, Durum</p>

        <p class="card-text">Price: R40</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Grain 1')">Buy Now</button>

      </div>

    </div>

  </div>

  <!-- Grain Card 2 -->

  <div class="col-md-3">

    <div class="card">

      <div class="card-body">

        <h5 class="card-title">Oats</h5>

        <p>Rolled Oats, Steel-cut Oats, Instant Oats</p>

        <p class="card-text">Price: R35</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Grain 2')">Buy Now</button>

      </div>

    </div>

  </div>

  <!-- Grain Card 3 -->

```

```

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Rice</h5>

      <p>Varieties: White, Brown, Jasmine, Basmat</p>

      <p class="card-text">Price: R30</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Grain 3')>Buy Now</button>

    </div>

  </div>

</div>

<!-- Grain Card 4 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Barley</h5>

      <p>Varieties: Hulled, Pearl, Barley Flakes</p>

      <p class="card-text">Price: R45</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Grain 4')>Buy Now</button>

    </div>

  </div>

</div>

</div>

<!-- Cart Table -->

<div id="cartTable">

```

```

<h3>Your Cart</h3>

<table class="table table-bordered">

  <thead>

    <tr>

      <th>Item</th>

      <th>Price</th>

      <th>Quantity</th>

      <th>Total</th>

    </tr>

  </thead>

  <tbody id="cartItems">

    <!-- Cart items will be dynamically populated -->

  </tbody>

</table>

<!-- Buy Now Button -->

<button class="buy-now-btn" onclick="generateInvoice()">Buy Now</button>

</div>

</div>

<!-- Invoice Section -->

<div id="invoiceSection">

  <h3>Invoice</h3>

  <table class="table table-bordered">

    <thead>

      <tr>

        <th>Item</th>

        <th>Price</th>

        <th>Quantity</th>

        <th>Total</th>

      </tr>

    </thead>

    <tbody id="invoiceItems">

```

```

        <!-- Invoice Popup -->
<div class="invoice-popup" id="invoicePopup">

    <h3>Invoice</h3>

    <div id="invoiceContent"></div>

    <button class="close-btn" onclick="closeInvoice()">Close</button>

</div>
</div>


<script>

    let cartCount = 0;

    let cart = []; // Array to store cart items


    function addToCart(item) {

        cartCount++;

        document.getElementById('cartCount').innerText = cartCount;

        cart.push({ name: item, price: Math.floor(Math.random() * 100) + 1, quantity: 1 }); //
Example item with random price

        alert(item + " has been added to your cart!");

        updateCartTable(); // Update the cart table with the new item

    }


    function updateCartTable() {

        const cartItems = document.getElementById('cartItems');

        cartItems.innerHTML = "";

        cart.forEach((item, index) => {

            const total = item.price * item.quantity;

            cartItems.innerHTML += `

                <tr>

                    <td>${item.name}</td>

```

```

        <td>R ${item.price}.00</td>

        <td>${item.quantity}</td>

        <td>R ${total}.00</td>

    </tr>

    `;

});

}

```

```

function toggleCart() {

    const cartTable = document.getElementById('cartTable');

    if (cartTable.style.display === "none") {

        cartTable.style.display = "block";

    } else {

        cartTable.style.display = "none";

    }

}

```

```

function handleSearch(event) {

    event.preventDefault(); // Prevent page reload

    const searchTerm = document.getElementById('searchInput').value.toLowerCase();

    alert("Searching for: " + searchTerm);

    // Add functionality to filter the products based on searchTerm

}

```

```

function toggleCart() {

    const cartTable = document.getElementById('cartTable');

    if (cartTable.style.display === "none") {

        cartTable.style.display = "block";

    } else {

        cartTable.style.display = "none";

    }

}

```

```

function addToCart(item) {
    cartCount++;
    document.getElementById('cartCount').innerText = cartCount;
    cart.push({ name: item, price: Math.floor(Math.random() * 100) + 1, quantity: 1 }); //
Example item with random price
    alert(item + " has been added to your cart!");
    updateCartTable(); // Update the cart table with the new item
}

```

```

function updateCartTable() {
    const cartItems = document.getElementById('cartItems');
    cartItems.innerHTML = "";

    cart.forEach((item, index) => {
        const total = item.price * item.quantity;
        cartItems.innerHTML += `
            <tr>
                <td>${item.name}</td>
                <td>R ${item.price}.00</td>
                <td>${item.quantity}</td>
                <td>R ${total}.00</td>
            </tr>
        `;
    });
}

```

```

function toggleCart() {
    const cartTable = document.getElementById('cartTable');
    if (cartTable.style.display === "none") {
        cartTable.style.display = "block";
    }
}

```

```

    } else {
        cartTable.style.display = "none";
    }
}

function generateInvoice() {
    let totalAmount = 0;

    let invoiceContent = `<table
style="width:100%"><tr><th>Item</th><th>Price</th><th>Quantity</th><th>Total</th></tr>`;

    cart.forEach(item => {
        const total = item.price * item.quantity;
        totalAmount += total;
        invoiceContent += `
            <tr>
                <td>${item.name}</td>
                <td>R ${item.price}.00</td>
                <td>${item.quantity}</td>
                <td>R ${total}.00</td>
            </tr>`;
    });

    invoiceContent += `
        <tr>
            <td colspan="3" style="text-align:right"><strong>Total Amount:</strong></td>
            <td><strong>R ${totalAmount}.00</strong></td>
        </tr>
    </table>`;

    // Show the invoice popup
    document.getElementById('invoiceContent').innerHTML = invoiceContent;
}

```

```

document.getElementById('invoicePopup').style.display = 'block';

// Generate the PDF automatically
downloadInvoice(invoiceContent);
}

function downloadInvoice(invoiceContent) {
    const blob = new Blob([invoiceContent], { type: 'application/pdf' });
    const link = document.createElement('a');
    link.href = URL.createObjectURL(blob);
    link.download = 'invoice.pdf';
    link.click();
}

function closeInvoice() {
    document.getElementById('invoicePopup').style.display = 'none';
}

function handleSearch(event) {
    event.preventDefault(); // Prevent page reload
    const searchTerm = document.getElementById('searchInput').value.toLowerCase();
    alert("Searching for: " + searchTerm);
    // Add functionality to filter the products based on searchTerm
}

</script>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.0.7/dist/umd/popper.min.js"></script>

```



```
<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
```

```
</html>
```

Livestock:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Livestock - My Store</title>
```

```
<!-- Bootstrap CDN -->
```

```
<link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
```

```
<link rel="stylesheet" href="styles.css">
```

```
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@6.0.0-beta3/css/all.min.css">
```

```
<link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@300;400;600&display=swap"
rel="stylesheet">
```

```
<style>
```

```
body {
    font-family: 'Poppins', sans-serif;
    background-color: #f4f4f4;
    color: #333;
}
```

```
.card {
    margin: 15px 0;
}
```

```
.card img {
    max-width: 100%;
    height: 200px;
    object-fit: cover;
    border-radius: 5px;
}

.buy-now-btn {
    background-color: #28a745;
    color: white;
    border: none;
    padding: 10px 15px;
    cursor: pointer;
    transition: background-color 0.3s;
}

.buy-now-btn:hover {
    background-color: #218838;
}

.table-container {
    margin-top: 20px;
}

.cart-table {
    margin-top: 30px;
    background-color: white;
    border-radius: 8px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.1);
}
```

```

.cart-table th,
.cart-table td {
    text-align: center;
}

#invoice-popup {
position: fixed;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
background-color: white;
border: 1px solid #ccc;
padding: 20px;
z-index: 1000;
display: none;
}

#invoice-content {
    width: 300px;
}

</style>
</head>

<body>

<header>
    <nav class="navbar navbar-expand-lg navbar-dark bg-dark">
        <a class="navbar-brand" href="#">My Store</a>
        <button class="navbar-toggler" type="button" data-toggle="collapse" data-
target="#navbarNav"
            aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

```

```

        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav ml-auto">
            <li class="nav-item active">
                <a class="nav-link" href="../E-commrce/products.html">Main</a>
            </li>
            <li class="nav-item">
                <a href="" class="nav-link">
                    <i class="fas fa-shopping-cart"></i>
                    <span class="cart-count" id="cartCount">0</span>
                </a>
            </li>
            <!-- Search Form -->
            <li class="nav-item">
                <form class="form-inline my-2 my-lg-0" onsubmit="return handleSearch(event)">
                    <input class="form-control mr-sm-2" type="search" id="searchInput"
placeholder="Search" aria-label="Search">
                    <button class="btn btn-outline-success my-2 my-sm-0"
type="submit">Search</button>
                </form>
            </li>
        </ul>
    </div>
</nav>

</header>

<div class="container mt-4">
    <h1 class="text-center">Livestock</h1>

```

```

<!-- Cows Section -->

<h2 class="mt-4">Cows</h2>

<div class="row">

  <!-- Cow Card 1 -->

  <div class="col-md-3">

    <div class="card">

      <div class="card-body">

        <h5 class="card-title">Simmental</h5>

        <p>Gender: Female (Heifer) / Male (Bull).</p>

        <p>Females: 1,300-1,600 lbs (590-725 kg).</p>

        <p class="card-text">Price: R20,000</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Cow 1')>Buy Now</button>

      </div>

    </div>

  </div>

  <!-- Cow Card 2 -->

  <div class="col-md-3">

    <div class="card">

      <div class="card-body">

        <h5 class="card-title">Hereford</h5>

        <p>Gender: Female (Heifer) / Male (Bull).</p>

        <p>Females: 800-1,200 lbs (360-540 kg).</p>

        <p class="card-text">Price: R22,000</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Cow 2')>Buy Now</button>

      </div>

    </div>

  </div>

```

```

</div>

<!-- Cow Card 3 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Brahman</h5>

      <p>Gender: Female (Cow) / Male (Bull).</p>

      <p>Males: 1,600-2,200 lbs (725-1,000 kg).</p>

      <p class="card-text">Price: R21,500</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Cow 3')>Buy Now</button>

    </div>

  </div>

</div>

<!-- Cow Card 4 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Holstein</h5>

      <p>Gender: Female (Cow) / Male (Bull).</p>

      <p>Females: 800-1,200 lbs (360-540 kg).</p>

      <p class="card-text">Price: R19,500</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Cow 4')>Buy Now</button>

    </div>

  </div>

</div>

</div>

```

```

<!-- Sheep Section -->

<h2 class="mt-4">Sheep</h2>

<div class="row">

  <!-- Sheep Card 1 -->

  <div class="col-md-3">

    <div class="card">

      <div class="card-body">

        <h5 class="card-title">Merino</h5>

        <p class="card-text">Price: R5,000</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Sheep 1')">Buy Now</button>

      </div>

    </div>

  </div>

  <!-- Sheep Card 2 -->

  <div class="col-md-3">

    <div class="card">

      <div class="card-body">

        <h5 class="card-title">Suffolk</h5>

        <p class="card-text">Price: R5,500</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Sheep 2')">Buy Now</button>

      </div>

    </div>

  </div>

  <!-- Sheep Card 3 -->

  <div class="col-md-3">

    <div class="card">

```

```

    <div class="card-body">
      <h5 class="card-title">Dorset</h5>
      <p class="card-text">Price: R4,800</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Sheep 3')">Buy Now</button>
    </div>
  </div>
</div>
<!-- Sheep Card 4 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Hampshire</h5>
      <p class="card-text">Price: R5,200</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Sheep 4')">Buy Now</button>
    </div>
  </div>
</div>
</div>

<!-- Goats Section -->
<h2 class="mt-4">Goats</h2>
<div class="row">
  <!-- Goat Card 1 -->
  <div class="col-md-3">
    <div class="card">
      
      <div class="card-body">
        <h5 class="card-title">Nubian</h5>

```



```

        <p class="card-text">Price: R3,500</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Goat 1')">Buy Now</button>

    </div>

</div>

</div>

<!-- Goat Card 2 -->

<div class="col-md-3">

    <div class="card">

        <div class="card-body">

            <h5 class="card-title">Toggenburg</h5>

            <p class="card-text">Price: R3,800</p>

            <p class="card-text">Availability: In Stock</p>

            <button class="buy-now-btn" onclick="addToCart('Goat 2')">Buy Now</button>

        </div>

    </div>

</div>

<!-- Goat Card 3 -->

<div class="col-md-3">

    <div class="card">

        <div class="card-body">

            <h5 class="card-title">LaMancha</h5>

            <p class="card-text">Price: R3,200</p>

            <p class="card-text">Availability: In Stock</p>

            <button class="buy-now-btn" onclick="addToCart('Goat 3')">Buy Now</button>

        </div>

    </div>

</div>

<!-- Goat Card 4 -->

```

```

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title"> Saanen</h5>

      <p class="card-text">Price: R3,000</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Goat 4')">Buy Now</button>

    </div>

  </div>

</div>

</div>

<!-- Poultry Section -->

<h2 class="mt-4">Poultry</h2>

<div class="row">

  <!-- Poultry Card 1 -->

  <div class="col-md-3">

    <div class="card">

      <div class="card-body">

        <h5 class="card-title"> Rhode Island Red</h5>

        <p class="card-text">Price: R200</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Poultry 1')">Buy Now</button>

      </div>

    </div>

  </div>

  <!-- Poultry Card 2 -->

  <div class="col-md-3">

    <div class="card">

```

```


<div class="card-body">
  <h5 class="card-title">Sussex</h5>
  <p class="card-text">Price: R220</p>
  <p class="card-text">Availability: In Stock</p>
  <button class="buy-now-btn" onclick="addToCart('Poultry 2')">Buy Now</button>
</div>
</div>
</div>
<!-- Poultry Card 3 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Orpington</h5>
      <p class="card-text">Price: R180</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Poultry 3')">Buy Now</button>
    </div>
  </div>
</div>
<!-- Poultry Card 4 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Plymouth Rock</h5>
      <p class="card-text">Price: R250</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Poultry 4')">Buy Now</button>
    </div>
  </div>
</div>

```

```

        </div>
    </div>
</div>

<!-- Pigs Section -->
<h2 class="mt-4">Pigs</h2>
<div class="row">
    <!-- Pig Card 1 -->
    <div class="col-md-3">
        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Yorkshire</h5>
                <p class="card-text">Price: R15,000</p>
                <p class="card-text">Availability: In Stock</p>
                <button class="buy-now-btn" onclick="addToCart('Pig 1')">Buy Now</button>
            </div>
        </div>
    </div>
</div>
<!-- Pig Card 2 -->
<div class="col-md-3">
    <div class="card">
        
        <div class="card-body">
            <h5 class="card-title">Chester WhitePig 2</h5>
            <p class="card-text">Price: R14,500</p>
            <p class="card-text">Availability: In Stock</p>
            <button class="buy-now-btn" onclick="addToCart('Pig 2')">Buy Now</button>
        </div>
    </div>
</div>
</div>

```

```

<!-- Pig Card 3 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Spotted Pig</h5>
      <p class="card-text">Price: R16,000</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Pig 3')>Buy Now</button>
    </div>
  </div>
</div>
<!-- Pig Card 4 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Potbelly</h5>
      <p class="card-text">Price: R15,500</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Pig 4')>Buy Now</button>
    </div>
  </div>
</div>
</div>

<!-- Horses Section -->
<h2 class="mt-4">Horses</h2>
<div class="row">
  <!-- Horse Card 1 -->
  <div class="col-md-3">

```

```

<div class="card">
  
  <div class="card-body">
    <h5 class="card-title">Thoroughbred</h5>
    <p class="card-text">Price: R30,000</p>
    <p class="card-text">Availability: In Stock</p>
    <button class="buy-now-btn" onclick="addToCart('Horse 1')">Buy Now</button>
  </div>
</div>
</div>
<!-- Horse Card 2 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Quarter Horse</h5>
      <p class="card-text">Price: R32,000</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Horse 2')">Buy Now</button>
    </div>
  </div>
</div>
<!-- Horse Card 3 -->
<div class="col-md-3">
  <div class="card">
    
    <div class="card-body">
      <h5 class="card-title">Appaloosa</h5>
      <p class="card-text">Price: R28,500</p>
      <p class="card-text">Availability: In Stock</p>
      <button class="buy-now-btn" onclick="addToCart('Horse 3')">Buy Now</button>
    </div>
  </div>
</div>

```

```

        </div>

    </div>

</div>

<!-- Horse Card 4 -->
<div class="col-md-3">
    <div class="card">
        
        <div class="card-body">
            <h5 class="card-title">Appaloosa</h5>
            <p class="card-text">Price: R29,000</p>
            <p class="card-text">Availability: In Stock</p>
            <button class="buy-now-btn" onclick="addToCart('Horse 4')">Buy Now</button>
        </div>
    </div>
</div>

</div>

</div>

<!-- Donkeys Section -->
<h2 class="mt-4">Donkeys</h2>
<div class="row">
    <!-- Donkey Card 1 -->
    <div class="col-md-3">
        <div class="card">
            
            <div class="card-body">
                <h5 class="card-title">Standard Donkey</h5>
                <p class="card-text">Price: R10,000</p>
                <p class="card-text">Availability: In Stock</p>
                <button class="buy-now-btn" onclick="addToCart('Donkey 1')">Buy Now</button>
            </div>
        </div>
    </div>

```

```

</div>

<!-- Donkey Card 2 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Miniature Donkey</h5>

      <p class="card-text">Price: R9,500</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Donkey 2')">Buy Now</button>

    </div>

  </div>

</div>

<!-- Donkey Card 3 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Mammoth Donkey</h5>

      <p class="card-text">Price: R9,000</p>

      <p class="card-text">Availability: In Stock</p>

      <button class="buy-now-btn" onclick="addToCart('Donkey 3')">Buy Now</button>

    </div>

  </div>

</div>

<!-- Donkey Card 4 -->

<div class="col-md-3">

  <div class="card">

    <div class="card-body">

      <h5 class="card-title">Poitou Donkey</h5>

```



```

        <p class="card-text">Price: R10,500</p>

        <p class="card-text">Availability: In Stock</p>

        <button class="buy-now-btn" onclick="addToCart('Donkey 4')">Buy Now</button>

    </div>

</div>

</div>

</div>

<div class="table-container">

    <h2>Your Cart</h2>

    <table class="table table-striped cart-table">

        <thead>

            <tr>

                <th>Item</th>

                <th>Price (R)</th>

                <th>Quantity</th>

                <th>Total (R)</th>

                <th>Action</th>

            </tr>

        </thead>

        <tbody id="cartItems"></tbody>

    </table>

    <button id="pay-button">Pay</button>

    <button class="btn btn-success" onclick="checkout()">Proceed to Checkout</button>

    <!-- Popup Invoice -->

<div id="invoice-popup" style="display:none;">

    <div id="invoice-content">

        <h2>Invoice</h2>

        <p id="invoice-details"></p>

        <p>Total Amount: <span id="invoice-total"></span></p>

```

```

        <button id="close-invoice">Close</button>
    </div>
</div>
</div>
</div>
<script>
    // Example cart data structure
    let cart = [];

    // Function to add item to cart
    function addToCart(item, quantity) {
        const existingItem = cart.find(i => i.name === item.name);
        if (existingItem) {
            existingItem.quantity += quantity;
        } else {
            cart.push({ ...item, quantity });
        }
        updateCart();
    }

    // Function to update cart display
    function updateCart() {
        const cartTableBody = document.querySelector('#cart tbody');
        cartTableBody.innerHTML = ""; // Clear existing entries

        let total = 0;

        cart.forEach(item => {
            const itemTotal = item.price * item.quantity;
            total += itemTotal;

```

```

const row = document.createElement('tr');
row.innerHTML = `
  <td>${item.name}</td>
  <td>${item.quantity}</td>
  <td>${item.price}</td>
  <td>${itemTotal.toFixed(2)}</td>
`;
cartTableBody.appendChild(row);
});

document.getElementById('cart-total').textContent = total.toFixed(2);
}

// Function to show invoice popup
function showInvoice() {
  const invoiceDetails = cart.map(item => `${item.name} (x${item.quantity})`).join('<br>');
  const total = cart.reduce((acc, item) => acc + (item.price * item.quantity), 0);

  document.getElementById('invoice-details').innerHTML = invoiceDetails;
  document.getElementById('invoice-total').textContent = total.toFixed(2);
  document.getElementById('invoice-popup').style.display = 'block';
}

// Event listeners
document.getElementById('pay-button').addEventListener('click', showInvoice);
document.getElementById('close-invoice').addEventListener('click', () => {
  document.getElementById('invoice-popup').style.display = 'none';
});

</script>
<script>

```

```
function addToCart(name, price) {
  const existingProduct = cart.find(item => item.name === name);
  if (existingProduct) {
    existingProduct.quantity++;
  } else {
    cart.push({ name, price, quantity: 1 });
  }
  updateCartUI();
  localStorage.setItem('cart', JSON.stringify(cart)); // Save cart to local storage
}
```

```
function updateCartUI() {
  const cartItems = document.getElementById('cartItems');
  cartItems.innerHTML = "";

  if (cart.length === 0) {
    cartItems.innerHTML = `<tr><td colspan="5">Your cart is empty.</td></tr>`;
  } else {
    cart.forEach(product => {
      const total = product.price * product.quantity;
      const itemRow = document.createElement('tr');
      itemRow.innerHTML = `
        <td>${product.name}</td>
        <td>${product.price}</td>
        <td>${product.quantity}</td>
        <td>${total}</td>
        <td><button class="btn btn-danger"
onclick="removeFromCart('${product.name}')">Remove</button></td>
      `;
      cartItems.appendChild(itemRow);
    });
  }
}
```

```

        `;

        cartItems.appendChild(itemRow);
    });
}

document.getElementById('cartCount').innerText = cart.length; // Update cart count
}

function removeFromCart(name) {
    cart = cart.filter(item => item.name !== name);
    updateCartUI();
    localStorage.setItem('cart', JSON.stringify(cart)); // Update cart in local storage
}

function checkout() {
    if (cart.length === 0) {
        alert('Your cart is empty!');
        return;
    }
    // Checkout logic can be implemented here
    alert('Proceeding to checkout...');
}

// Initialize cart UI on page load
updateCartUI();
</script>

<footer class="text-center py-4 bg-dark text-white mt-5">
    <p>&copy; 2024 My Store. All Rights Reserved.</p>
</footer>

<script>

```

```

// JavaScript function to handle adding to cart
function addToCart(item) {
    alert(item + " has been added to your cart.");
    // Here you would typically add the item to a cart array and update the cart count
    let count = document.getElementById('cartCount');
    count.innerHTML = parseInt(count.innerHTML) + 1;
}
</script>
<script>
function handleSearch(event) {
    event.preventDefault(); // Prevent the form from submitting

    // Get the search input value
    const searchValue = document.getElementById('searchInput').value.toLowerCase();

    // Get all livestock cards
    const livestockCards = document.querySelectorAll('.card');

    // Loop through all cards and hide those that don't match the search
    livestockCards.forEach(card => {
        const title = card.querySelector('.card-title').textContent.toLowerCase();
        if (title.includes(searchValue)) {
            card.style.display = ""; // Show the card
        } else {
            card.style.display = 'none'; // Hide the card
        }
    });
}
</script>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

```

```

    <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.9.2/dist/umd/popper.min.js"></script>

    <script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>

</html>

```

Fields:

```

<!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="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css">
    <title>Fields Page - Agricultural Store</title>
    <link rel="stylesheet" href="styles.css">
    <script type="text/javascript" src="https://www.gstatic.com/charts/loader.js"></script>

</head>
<body>

<nav class="navbar navbar-expand-lg bg-body-tertiary">
    <div class="container-fluid">

        </button>

        <div class="collapse navbar-collapse" id="navbarSupportedContent">
            <ul class="navbar-nav me-auto mb-2 mb-lg-0">
                <li class="nav-item">
                    <a class="nav-link active" aria-current="page" href="../home/home.html">Home</a>

```

```

    </li>

    <li class="nav-item">
        <a class="nav-link active" aria-current="page"
href="../../reports/reports.html">REPORTS</a>
    </li>
</ul>

<form class="d-flex" role="search">
    <input class="form-control me-2" type="search" placeholder="Search" aria-
label="Search">
    <button class="btn btn-outline-success" type="submit">Search</button>
</form>
</div>
</div>
</nav>

<header>
    <h1>Our Fields</h1>
    <nav>
        <ul>
            <li><a href="#">Livestock Field</a></li>
            <li><a href="#">Vegetable Field</a></li>
            <li><a href="#">Fruits Field</a></li>

        </ul>
    </nav>
</header>

<main>
    <section class="chart-section">
        <h2>Fields Data Overview</h2>
        <div class="chart-container">
            <!-- Pie chart container -->

```



```
<div id="fieldChart" style="width: 100%; height: 400px;"></div>

</div>

</section>
```

```
<section class="field-data">
```

```
<h2>Fields Details</h2>
```

```
<div class="field" id="livestockField">
```

```

```

```
<h3>Livestock Field</h3>
```

```
<p>Area: 100 acres</p>
```

```
<p>Available Livestock: Cows, Goats, Sheep, and Chickens</p>
```

```
<p>Status: Active</p>
```

```
</div>
```

```
<div class="field" id="vegetableField">
```

```

```

```
<h3>Vegetables Field</h3>
```

```
<p>Area: 50 acres</p>
```

```
<p>Crops: Spinach, Potatoes, Pumpkin, Carrots, and Tomatoes</p>
```

```
<p>Status: Active</p>
```

```
</div>
```

```
<div class="field" id="fruitsField">
```

```

```

```
<h3>Fruits Field</h3>
```

```
<p>Area: 50 acres</p>
```

```
<p>Crops: Mangos, Oranges, Apples, Lemons, and Watermelons</p>
```

```
<p>Status: Active</p>
```

```
</div>
```

```
<!-- Add more fields as needed -->
```

```
</section>
```

```
<section class="table-section">
```

```
<h2>Field Data Table</h2>
```

```
<table>
```

```
<thead>
```

```
<tr>
```

```
<th>Field Name</th>
```

```
<th>Area (acres)</th>
```

```
<th>Crops/Stock</th>
```

```
<th>Status</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>Livestock</td>
```

```
<td>100</td>
```

```
<td>Cows, Goats, Sheeps and Chickens</td>
```

```
<td>Active</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Vegetables</td>
```

```
<td>50</td>
```

```
<td> Spinach, Potatos, Pumpkin, Carrots and Tomatos</td>
```

```
<td>Active</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Fruits</td>
```

```
<td>50</td>
```

```
<td> Mangos, Oranges, Apples, Lemons and Watermelos</td>
```

```
<td>Active</td>
```

```
</tr>
```

```

        <!-- Add more rows as needed -->

    </tbody>

</table>

</section>

</main>

<footer class="text-center mt-4">

    <p class="translate" data-translate="footerText">&copy; 2024 FMS Inventory. All Rights
Reserved.</p>

</footer>

```

```

    <script src="scripts.js"></script>

</body>

</html>

```

Styles:

```

body {

    font-family: Arial, sans-serif;

    margin: 0;

    padding: 0;

    background-color: #f4f4f4;

}

```

```

header {

    background: #35424a;

    color: #ffffff;

    padding: 10px 20px;

}

```

```

header h1 {

    margin: 0;

}

```

```
nav ul {  
    list-style: none;  
    padding: 0;  
}
```

```
nav ul li {  
    display: inline;  
    margin-right: 15px;  
}
```

```
nav ul li a {  
    color: #ffffff;  
    text-decoration: none;  
}
```

```
main {  
    padding: 20px;  
}
```

```
.chart-section, .field-data, .table-section {  
    margin-bottom: 20px;  
    padding: 20px;  
    background: #ffffff;  
    border-radius: 8px;  
    box-shadow: 0 0 10px rgba(0,0,0,0.1);  
}
```

```
.field {  
    margin: 10px 0;  
    padding: 15px;  
    border: 1px solid #ddd;
```

```
border-radius: 5px;  
}
```

```
.field-icon {  
width: 50px;  
height: auto;  
}
```

```
table {  
width: 100%;  
border-collapse: collapse;  
}
```

```
table th, table td {  
border: 1px solid #ddd;  
padding: 8px;  
text-align: left;  
}
```

```
table th {  
background-color: #f2f2f2;  
}
```

```
footer {  
background-color: #264653;  
color: white;  
text-align: center;  
padding: 15px 0; /* Define footer height */  
position: relative;  
bottom: 0;  
width: 100%;
```

```

    height: 60px; /* Set specific height for footer */
}

Scripts:

// Load Google Charts

google.charts.load('current', { packages: ['corechart', 'bar' ]});

google.charts.setOnLoadCallback(drawCharts);


// Function to draw charts

function drawCharts() {

    drawPieChart();

    drawBarChart();

}


// Pie Chart for Field Areas

function drawPieChart() {

    const data = google.visualization.arrayToDataTable([

        ['Field', 'Area in acres'],

        ['Livestock', 100],

        ['Vegetables', 50],

        ['Fruits', 50]

    ]);

    const options = {

        title: 'Field Area Distribution',

        pieHole: 0.4

    };

    const chart = new google.visualization.PieChart(document.getElementById('fieldChart'));

    chart.draw(data, options);

}

```

```

// Bar Chart for Field Stock/Crops
function drawBarChart() {
  const data = google.visualization.arrayToDataTable([
    ['Field', 'Varieties Available'],
    ['Livestock', 4], // Cows, Goats, Sheep, Chickens
    ['Vegetables', 5], // Spinach, Potatoes, etc.
    ['Fruits', 5]    // Mangos, Oranges, etc.
  ]);

  const options = {
    chart: {
      title: 'Field Stock/Crops Distribution',
      subtitle: 'Number of different stock/crops in each field'
    },
    bars: 'horizontal'
  };

  const chart = new google.charts.Bar(document.getElementById('barChart'));
  chart.draw(data, options);
}

document.querySelector('form').addEventListener('submit', function(e) {
  e.preventDefault();
  const searchQuery = document.querySelector('input[type="search"]').value.toLowerCase();

  // Get all the field sections
  const fields = document.querySelectorAll('.field');

  fields.forEach(field => {
    const fieldName = field.querySelector('h3').textContent.toLowerCase();
    if (fieldName.includes(searchQuery)) {

```

```

        field.style.display = 'block';
    } else {
        field.style.display = 'none';
    }
});
});

```

Home:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Green Farming Management System</title>
    <link rel="stylesheet" href="home.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Agdasima:wght@400;700&display=swap"
rel="stylesheet">
</head>
<body>
    <nav>
        <div ><i class="fas fa-tractor"></i> FARMING MANAGEMENT SYSTEM</div>
        <ul>
            <li><a href="../home/home.html">HOME</a></li>
            <li><a href="../about us/about-us.html">ABOUT US</a></li>
            <li><a href="../admin login signup/login.html">LOGIN</a></li>
        </ul>
    </nav>

```



```

<div class="video-background">
  <video autoplay muted loop>
    <source src="background.mp4" type="video/mp4">
    Your browser does not support the video tag.
  </video>
</div>

```

```

<div class="transparent-container">
  <div class="component">
    <h2>Crops information</h2>
    <div class="images">
      
      
      
    </div>
    <p>This component helps in managing and tracking all the assets within the farm,
ensuring they are maintained and utilized effectively.</p>
    <button onclick="location.href='../crops information/crops.html'">Explore</button>
  </div>

```

```

<div class="component">
  <h2>Livestock information</h2>
  <div class="images">
    
    
    
  </div>
  <p>The livestock component tracks animal health, breeding, and production, helping you
maintain the well-being and productivity of your herd.</p>
  <button onclick="location.href='../livestock
information/livestock.html'">Explore</button>

```

</div>

<div class="component">

<h2>Fields</h2>

<div class="images">

</div>

<p>Field management allows you to track the usage, condition, and rotation of your fields to maximize productivity and sustainability.</p>

<button onclick="location.href='../fields/fields.html'">Explore</button>

</div>

</div>

<!-- Popup container -->

<div id="popup-container" class="popup-container" onclick="hidePopup()">

×

</div>

<footer>

<div class="footer-content">

<p>© 2024 Green Farming Management System. All Rights Reserved.</p>

Privacy Policy

Terms of Service

Contact Us

</div>

</footer>

```
<script src="home.js"></script>
</body>
</html>
```

Styles:

```
body, html {
  margin: 0;
  padding: 10;
  width: 100%;
  height: 100%;
  font-family: Arial, sans-serif;
  box-sizing: border-box;
}

nav {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  background-color: rgba(0, 0, 0, 0.7);
  color: white;
  display: flex;
  justify-content: space-between;
  padding: 10px 20px;
  z-index: 1000; /* Ensures it stays above other content */
  box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3); /* Optional: adds a shadow for better visibility */
}

nav .logo {
  font-size: 24px;
```

```
    font-weight: bold;
}
```

```
nav ul {
    list-style-type: none;
    display: flex;
    gap: 20px;
    left: 20px;
}
```

```
nav ul li {
    margin-right: 50px;
}
```

```
nav ul li a {
    color: white;
    text-decoration: none;
    font-size: 18px;
    transition: color 0.3s ease;
}
```

```
nav ul li a: hover {
    color: #FFD700;
}
```

```
/* Responsive adjustments for smaller screens */
```

```
@media (max-width: 768px) {
    nav ul {
        flex-direction: column;

        background-color: rgba(0, 0, 0, 0.9); /* Darker background for better readability */
        position: absolute;
```

```

    top: 60px; /* Below the nav bar */
    right: 0;
    width: 100%;
    padding: 10px;
    display: none; /* Hidden by default for mobile */
}

nav ul.show {
    display: flex; /* Show on toggle */
}

nav ul li {
    margin: 10px 0;
}

.menu-icon {
    display: block;
    cursor: pointer;
    font-size: 24px;
    color: white;
}

.logo {
    font-size: 20px;
}
}

/* Adding a toggle for mobile view */
.menu-icon {
    display: none;
}

```

```
.video-background {  
    position: absolute;  
    top: 0;  
    left: 0;  
    width: 100%;  
    height: 100%;  
    overflow: hidden;  
    z-index: -1;  
}
```

```
video {  
    width: 100%;  
    height: 100%;  
    object-fit: cover;  
}
```

/* Adjusted container to be fully visible and centered */

```
.transparent-container {  
    display: flex;  
    flex-wrap: wrap;  
    justify-content: center;  
    align-items: center;  
    position: absolute;  
    top: 50%;  
    left: 50%;  
    transform: translate(-50%, -50%);  
    width: 90%;  
    max-height: 80vh; /* Ensures the container doesn't overflow the screen */  
    overflow-y: auto;  
    background-color: rgba(255, 255, 255, 0.3);  
}
```

```
border: 2px solid white;
padding: 20px;
box-shadow: 0 0 10px rgba(0, 0, 0, 0.5);
border-radius: 10px;
}
```

```
.component {
  flex: 1 1 250px;
  margin: 15px;
  text-align: center;
  color: black;
}
```

```
.component h2 {
  font-size: 22px;
  margin-bottom: 10px;
  color: black;
}
```

```
.component .images {
  display: flex;
  gap: 5px;
  justify-content: center;
  flex-wrap: wrap;
  margin-bottom: 10px;
}
```

```
.component img {
  width: 100px;
  height: 75px;
```

```
border-radius: 5px;
object-fit: cover;
transition: transform 0.3s ease;
}
```

```
.component img:hover {
  transform: scale(1.1);
}
```

```
.component p {
  font-size: 14px;
  margin-bottom: 10px;
  color: black;
}
```

```
.component button {
  padding: 10px 20px;
  background-color: rgba(255, 255, 255, 0.7);
  border: none;
  cursor: pointer;
  font-size: 16px;
  border-radius: 5px;
  transition: background-color 0.3s ease, transform 0.3s ease;
}
```

```
.component button:hover {
  background-color: rgba(255, 255, 255, 0.9);
  transform: scale(1.05);
}
```

```
.component button:active {
```



```
transform: scale(0.95);
background-color: rgba(255, 215, 0, 0.9);
}
```

```
/* footer {
    background-color: rgba(0, 0, 0, 0.7);
    color: white;
    text-align: center;
    padding: 10px 0;
    position: fixed;
    width: 100%;
    bottom: 0;
    font-size: 14px;
} */
```

```
footer {
    background-color: rgba(0, 0, 0, 0.7); /* Blends with the nav bar */
    color: white;
    text-align: center;
    padding: 15px 0;
    position: fixed;
    width: 100%;
    bottom: 0;
    z-index: 1000; /* Ensures it stays above other content */
    box-shadow: 0 -4px 8px rgba(0, 0, 0, 0.3); /* Adds shadow for depth */
}
```

```
footer .footer-content {
    display: flex;
    flex-direction: column;
    align-items: center;
```

```
    justify-content: center;
}
```

```
footer ul {
    list-style-type: none;
    padding: 0;
    margin-top: 10px;
    display: flex;
    gap: 20px;
}
```

```
footer ul li {
    display: inline;
}
```

```
footer ul li a {
    color: white;
    text-decoration: none;
    font-size: 14px;
    transition: color 0.3s ease;
}
```

```
footer ul li a: hover {
    color: #FFD700;
}
```

```
footer p {
    font-size: 14px;
    margin: 0;
}
```

```

/* Responsive adjustment for footer */
@media (max-width: 768px) {
    footer ul {
        flex-direction: column;
        gap: 10px;
    }

    footer ul li {
        margin-bottom: 10px;
    }
}

/* Add this to your home.css file */

.transparent-container {
    max-height: 600px; /* Set a maximum height for the container */
    overflow-y: auto; /* Enable vertical scrolling */
    padding: 20px; /* Optional: add some padding */
    background-color: rgba(255, 255, 255, 0.8); /* Optional: a background color with transparency */
}

/* Style for scrollbar (optional) */
.transparent-container::-webkit-scrollbar {
    width: 8px; /* Width of the scrollbar */
}

.transparent-container::-webkit-scrollbar-thumb {
    background: #888; /* Color of the scrollbar thumb */
    border-radius: 10px; /* Round edges of the scrollbar thumb */
}

```

```

.transparent-container::-webkit-scrollbar-thumb:hover {
    background: #555; /* Color when hovered */
}

.agdasima-regular {
    font-family: "Agdasima", sans-serif;
    font-weight: 400;
    font-style: normal;
}

.agdasima-bold {
    font-family: "Agdasima", sans-serif;
    font-weight: 700;
    font-style: normal;
}

/* Styles for the popup container */
.popup-container {
    display: none; /* Hidden by default */
    position: fixed;
    top: 0;
    left: 0;
    width: 100%;
    height: 100%;
    background-color: rgba(0, 0, 0, 0.8); /* Semi-transparent background */
    justify-content: center;
    align-items: center;
    z-index: 1000;
    cursor: pointer;
}

```

```
#popup-image {
    max-width: 90%;
    max-height: 90%;
    border-radius: 8px;
}
```

```
.close-popup {
    position: absolute;
    top: 10px;
    right: 20px;
    font-size: 36px;
    color: white;
    cursor: pointer;
}
```

Scripts:

```
document.addEventListener('contextmenu', function(e) {
    e.preventDefault();
});
```

```
document.addEventListener('keydown',function(e)
{
if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {
    e.preventDefault();
}
});
```

// Show popup with clicked image

```
function showPopup(image) {
    const popupContainer = document.getElementById("popup-container");
    const popupImage = document.getElementById("popup-image");
    popupImage.src = image.src; // Set the popup image to the clicked image's src
```

```

    popupContainer.style.display = "flex"; // Show the popup
}

```

```

// Hide popup

```

```

function hidePopup() {
    const popupContainer = document.getElementById("popup-container");
    popupContainer.style.display = "none"; // Hide the popup
}

```

Inventory:

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title data-translate="title">FMS Inventory</title>

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="styles.css">

    <link rel="preconnect" href="https://fonts.googleapis.com">

    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-
beta3/css/all.min.css">

    <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;400;600;800&display=sw
ap" rel="stylesheet">

    <script defer src="scripts.js"></script>

</head>

<body>

    <div class="container-fluid d-flex">

        <!-- Sidebar -->

        <nav class="sidebar border-right" style="width: 250px;">

```

```

<ul class="nav flex-column">

    <li class="nav-item"><a href="../admin login signup/admin_dashboard.html"
class="nav-link translate" data-translate="dashboard">Dashboard</a></li>

    <li class="nav-item"><a href="../crops/index.html" class="nav-link translate" data-
translate="crops">Crops</a></li>

    <li class="nav-item"><a href="../livestock/index.html" class="nav-link translate" data-
translate="livestock">Livestock</a></li>

    <li class="nav-item"><a href="../Fields/fields.html" class="nav-link translate" data-
translate="fields">Fields</a></li>

    <li class="nav-item"><a href="../reports/reports.html" class="nav-link translate" data-
translate="expenses">Expenses</a></li>

    <li class="nav-item"><a href="#" class="nav-link active translate" data-
translate="inventory">Inventory</a></li>

    <li class="nav-item"><a href="../order/index.html" class="nav-link translate" data-
translate="orders">Orders</a></li>

    <li class="nav-item"><a href="../labour/labour.html" class="nav-link translate" data-
translate="labour">crops information</a></li>

    <li class="nav-item"><a href="../products/product.html" class="nav-link translate"
data-translate="products">Products</a></li>

</ul>

</nav>

<!-- Main Content -->

<div class="main-content flex-grow-1 p-4">

    <header class="d-flex justify-content-between mb-4">

        <input type="text" placeholder="Search here..." id="global-search" class="form-control
w-50 translate" data-translate="searchPlaceholder">

        <div class="user-info">

            <div class="dropdown">

                <select id="source-languages" class="form-select">

                    <option value="en" selected>English</option>

                    <option value="fr">French</option>

                    <option value="zh">Chinese</option>

                    <option value="de">German</option>

```

```

        <option value="el">Greek</option>
        <option value="hi">Hindi</option>
        <option value="ja">Japanese</option>
        <option value="es">Spanish</option>
        <option value="ta">Tamil</option>
        <option value="te">Telugu</option>
        <option value="zu">Zulu</option>
        <option value="sa">Sesotho</option>
    </select>

    <span class="translate" data-translate="admin">Admin</span>

</div>
</div>
</header>

```

```

<!-- Inventory Section -->
<section class="inventory">
    <div class="d-flex justify-content-between align-items-center mb-3">
        <h1 class="translate" data-translate="inventory">Inventory</h1>
        <div>
            <input type="text" id="search here" placeholder="Search Inventory..." class="form-control d-inline-block w-25 me-2 translate" data-translate="searchInventory">
            <button id="export-btn" class="btn btn-primary translate" data-translate="export">Export</button>
            <button id="add-item-btn" data-toggle="modal" data-target="#add-item-modal">Add New Item</button>
        <!-- Add New Item Button -->
        </div>
    </div>

```

```

<!-- Add New Item Modal -->
<div id="add-item-modal" class="modal fade" tabindex="-1" role="dialog">
    <div class="modal-dialog" role="document">

```



```

<div class="modal-content">
  <div class="modal-header">
    <h2 class="modal-title translate" data-translate="addNewItem">Add New
Item</h2>
    <button type="button" class="close" id="close-modal" data-dismiss="modal"
aria-label="Close">
      <span aria-hidden="true">&times;</span>
    </button>
  </div>
  <div class="modal-body">
    <form id="add-item-form">
      <div class="mb-3">
        <label for="item-name" class="translate" data-translate="itemName">Item
Name:</label>
        <input type="text" id="item-name" class="form-control" required>
      </div>
      <div class="mb-3">
        <label for="item-category" class="translate" data-
translate="category">Category:</label>
        <input type="text" id="item-category" class="form-control" required>
      </div>
      <div class="mb-3">
        <label for="item-quantity" class="translate" data-
translate="quantity">Quantity:</label>
        <input type="number" id="item-quantity" class="form-control" required>
      </div>
      <div class="mb-3">
        <label for="item-unit" class="translate" data-translate="unit">Unit:</label>
        <input type="text" id="item-unit" class="form-control" required>
      </div>
      <div class="mb-3">
        <label for="item-status" class="translate" data-
translate="status">Status:</label>

```

```

        <input type="text" id="item-status" class="form-control" required>
    </div>

    <button type="submit" class="btn btn-primary translate" data-
translate="addNewItem">Add Item</button>

    </form>
</div>
</div>
</div>
</div>

<!-- Notification Section -->
<div class="notification-area mb-3">

    <button id="notification-btn" class="btn btn-light translate" data-
translate="notifications">🔔 Notifications (<span id="notification-count">0</span>)</button>

    <div id="notifications" class="dropdown-menu">

        <!-- Notifications will be populated here -->

    </div>

</div>

<!-- Generate Report Button -->
<div class="generate-report mb-3">

    <button id="generate-report-btn" class="btn btn-success translate" data-
translate="generateReport">Generate Report</button>

</div>

<!-- Inventory Table -->
<table id="inventory-table" class="table table-striped">

    <thead>

        <tr>

            <th class="translate" data-translate="itemName">Item Name</th>

            <th class="translate" data-translate="category">Category</th>

            <th class="translate" data-translate="quantity">Quantity</th>

```

```

<th class="translate" data-translate="unit">Unit</th>

<th class="translate" data-translate="lastUpdated">Last Updated</th>

<th class="translate" data-translate="status">Status</th>

<th class="translate" data-translate="action">Action</th>

</tr>

</thead>

<tbody id="inventory-data">

  <!-- Data will be populated here -->

  <tr>

    <td>John</td>

    <td>Doe</td>

    <td>123 Maple St, Cityville</td>

    <td>1234567890</td>

    <td>+123456789</td>

    <td>Asian</td>

    <td>Male</td>

    <td>Manager</td>

    <td>5</td>

  </tr>

  <tr>

    <td>Sarah</td>

    <td>Smith</td>

    <td>456 Oak Ave, Townsville</td>

    <td>9876543210</td>

    <td>+198765432</td>

    <td>White</td>

    <td>Female</td>

    <td>Supervisor</td>

    <td>8</td>

  </tr>

```

```

<tr>
  <td>Michael</td>
  <td>Brown</td>
  <td>789 Pine Rd, Villagetown</td>
  <td>1122334455</td>
  <td>+112233445</td>
  <td>Black</td>
  <td>Male</td>
  <td>Technician</td>
  <td>10</td>
</tr>
<tr>
  <td>Linda</td>
  <td>Johnson</td>
  <td>321 Cedar Ln, Hamlet</td>
  <td>5566778899</td>
  <td>+155667788</td>
  <td>Hispanic</td>
  <td>Female</td>
  <td>Accountant</td>
  <td>7</td>
</tr>
<tr>
  <td>Robert</td>
  <td>Williams</td>
  <td>654 Spruce St, Capital City</td>
  <td>2233445566</td>
  <td>+122334455</td>
  <td>Mixed</td>
  <td>Male</td>
  <td>Analyst</td>

```

```

        <td>6</td>
    </tr>
    <tr>
        <td>Emily</td>
        <td>Davis</td>
        <td>987 Willow Dr, Metropolis</td>
        <td>3344556677</td>
        <td>+133445566</td>
        <td>White</td>
        <td>Female</td>
        <td>HR Specialist</td>
        <td>4</td>
    </tr>
    <tr>
        <td>James</td>
        <td>Wilson</td>
        <td>159 Birch Pl, Cosmopolis</td>
        <td>4455667788</td>
        <td>+144556677</td>
        <td>Asian</td>
        <td>Male</td>
        <td>Engineer</td>
        <td>9</td>
    </tr>
</tbody>
</table>

<!-- Pagination -->
<nav aria-label="Page navigation">
    <ul class="pagination justify-content-center">
        <li class="page-item">

```

```

        <button id="prev-page" class="page-link translate" data-
translate="previous">Previous</button>

    </li>

    <li class="page-item">

        <span id="page-num" class="page-link">1</span>

    </li>

    <li class="page-item">

        <button id="next-page" class="page-link translate" data-
translate="next">Next</button>

    </li>

</ul>

</nav>

</section>

</div>

</div>

<script>

document.addEventListener('DOMContentLoaded', function () {
const addItemForm = document.getElementById('add-item-form');
const inventoryTableBody = document.getElementById('inventory-data');

addItemForm.addEventListener('submit', function (e) {
    e.preventDefault();

    // Get the form values
    const itemName = document.getElementById('item-name').value;
    const itemCategory = document.getElementById('item-category').value;
    const itemQuantity = document.getElementById('item-quantity').value;
    const itemUnit = document.getElementById('item-unit').value;
    const itemStatus = document.getElementById('item-status').value;

    // Create a new row for the table

```

```

const newRow = document.createElement('tr');

newRow.innerHTML = `
    <td>${itemName}</td>
    <td>${itemCategory}</td>
    <td>${itemQuantity}</td>
    <td>${itemUnit}</td>
    <td>${new Date().toLocaleDateString()}</td>
    <td>${itemStatus}</td>
    <td>
        <button class="btn btn-danger btn-sm delete-btn">Delete</button>
    </td>
`;

// Append the new row to the table body
inventoryTableBody.appendChild(newRow);

// Reset the form fields
addItemForm.reset();

// Close the modal
$('#add-item-modal').modal('hide');

// Add delete functionality to the new delete button
addDeleteFunctionality();
});

// Function to handle delete button functionality
function addDeleteFunctionality() {
    const deleteButtons = document.querySelectorAll('.delete-btn');
    deleteButtons.forEach(function (button) {

```

```

        button.addEventListener('click', function () {
            this.closest('tr').remove();
        });
    });
}

// Initialize delete functionality for any pre-existing rows
addDeleteFunctionality();
});

</script>

<!-- Footer -->

<footer class="text-center mt-4">

    <p class="translate" data-translate="footerText">&copy; 2024 FMS Inventory. All Rights
    Reserved.</p>

    <p class="translate" data-translate="contactUs">Contact us: <a
    href="mailto:support@example.com" class="translate" data-
    translate="supportEmail">support@example.com</a></p>

</footer>

<script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>

<script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.min.js"></script>

<script
src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/jspdf/2.5.1/jspdf.umd.min.js"></script>

</body>

</html>

```

Scripts:

```

/* Importing Bootstrap styles */

@import url('https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css');

```



```

/* Poppins Font Styles */

@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700;800;900&display=swap');

.poppins-thin { font-family: "Poppins", sans-serif; font-weight: 100; }
.poppins-extralight { font-family: "Poppins", sans-serif; font-weight: 200; }

/* Font weights truncated for brevity... */


/* General Styles */
html, body {
    margin: 0;
    padding: 0;
    height: 100%;
    font-family: Arial, sans-serif;
    background-color: #f4f4f4;
    overflow-x: hidden;
}

.container {
    display: flex;
    min-height: 100vh;
}


/* Sidebar Styles */
.sidebar {
    width: 250px;
    background-color: #1fd655;
    padding: 20px;
    color: darkgrey;
    border-radius: 10px;

```

```
height: 100vh;
position: fixed;
overflow-y: auto;
box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}
```

```
.sidebar h2 {
  text-align: center;
  color: #ecf0f1;
  background-color: #264653;
  padding: 15px;
  border-radius: 10px;
  margin-bottom: 20px;
}
```

```
.sidebar ul {
  list-style-type: none;
  padding: 0;
}
```

```
.sidebar ul li {
  margin: 15px 0;
}
```

```
.sidebar ul li a {
  text-decoration: none;
  color: #495057;
  display: block;
  padding: 12px 15px;
  background-color: white;
  border-radius: 5px;
```

```
    transition: background-color 0.3s, color 0.3s;
}
```

```
.sidebar ul li a:hover, .sidebar ul li a.active {
    background-color: #16a085;
    color: white;
}
```

```
/* Main Content */
```

```
.main-content {
    margin-left: 250px;
    padding: 20px;
    flex-grow: 1;
    overflow-y: auto;
    height: calc(100vh - 60px);
}
```

```
/* Header */
```

```
header {
    display: flex;
    justify-content: space-between;
    align-items: center;
    background-color: #ffffff;
    padding: 20px;
    box-shadow: 0px 1px 5px rgba(0, 0, 0, 0.1);
    margin-bottom: 20px;
}
```

```
header input[type="text"] {
    padding: 8px;
    border-radius: 20px;
```

```
border: 1px solid #ccc;
}
```

```
.user-info {
  display: flex;
  gap: 10px;
}
```

```
/* Inventory Section */
.inventory-header {
  display: flex;
  justify-content: space-between;
  align-items: center;
  margin-bottom: 20px;
}
```

```
.inventory-header input[type="text"] {
  padding: 8px;
  border-radius: 20px;
  border: 1px solid #ccc;
}
```

```
.inventory-header button {
  background-color: #2a9d8f;
  color: white;
  border: none;
  padding: 10px 15px;
  border-radius: 5px;
  cursor: pointer;
  margin-left: 10px;
  transition: background-color 0.3s;
```

```
}
```

```
.inventory-header button:hover {  
    background-color: #264653;  
}
```

```
/* Table */
```

```
#inventory-table {  
    width: 100%;  
    border-collapse: collapse;  
    margin-bottom: 20px;  
    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);  
}
```

```
#inventory-table th, #inventory-table td {  
    border: 1px solid #ddd;  
    padding: 12px;  
    text-align: left;  
}
```

```
#inventory-table th {  
    background-color: #264653;  
    color: white;  
}
```

```
#inventory-table td {  
    background-color: #f9f9f9;  
}
```

```
/* Action Buttons */
```

```
.action-btn {
```

```
background-color: #2a9d8f;
color: white;
border: none;
padding: 6px 10px;
cursor: pointer;
border-radius: 5px;
transition: background-color 0.3s;
}
```

```
.action-btn:hover {
    background-color: #264653;
}
```

/* Status Colors */

```
.status-maintained { color: green; font-weight: bold; }
.status-instock { color: #264653; font-weight: bold; }
.status-lowstock { color: red; font-weight: bold; }
```

/* Pagination */

```
.pagination {
    display: flex;
    justify-content: center;
    gap: 10px;
    margin-top: 20px;
}
```

```
.pagination button {
    padding: 8px 15px;
    background-color: #2a9d8f;
    color: white;
    border: none;
```

```
border-radius: 5px;
cursor: pointer;
transition: background-color 0.3s;
}
```

```
.pagination button:hover {
    background-color: #264653;
}
```

```
#page-num { padding: 8px; }
```

```
/* Footer */
```

```
footer {
    background-color: #00c04b;
    color: white;
    text-align: center;
    padding: 15px 0;
    position: fixed;
    bottom: 0;
    width: 100%;
    height: 60px;
    position: relative;
}
```

```
/* Responsive styles */
```

```
@media (max-width: 768px) {
    .sidebar {
        width: 100%;
        height: auto;
        position: relative;
        margin-bottom: 20px;
    }
}
```

```

}

.main-content {
    margin-left: 0;
}

header {
    flex-direction: column;
    align-items: flex-start;
}

.user-info {
    margin-top: 10px;
}
}

Styles:

/* Importing Bootstrap styles */
@import url('https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css');

/* Poppins Font Styles */
@import
url('https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700;800;900&display=swap');

.poppins-thin { font-family: "Poppins", sans-serif; font-weight: 100; }
.poppins-extralight { font-family: "Poppins", sans-serif; font-weight: 200; }
/* Font weights truncated for brevity... */

/* General Styles */
html, body {

```



```
margin: 0;
padding: 0;
height: 100%;
font-family: Arial, sans-serif;
background-color: #f4f4f4;
overflow-x: hidden;
}
```

```
.container {
  display: flex;
  min-height: 100vh;
}
```

/* Sidebar Styles */

```
.sidebar {
  width: 250px;
  background-color: #1fd655;
  padding: 20px;
  color: darkgrey;
  border-radius: 10px;
  height: 100vh;
  position: fixed;
  overflow-y: auto;
  box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}
```

```
.sidebar h2 {
  text-align: center;
  color: #ecf0f1;
  background-color: #264653;
  padding: 15px;
```

```
border-radius: 10px;
margin-bottom: 20px;
}
```

```
.sidebar ul {
  list-style-type: none;
  padding: 0;
}
```

```
.sidebar ul li {
  margin: 15px 0;
}
```

```
.sidebar ul li a {
  text-decoration: none;
  color: #495057;
  display: block;
  padding: 12px 15px;
  background-color: white;
  border-radius: 5px;
  transition: background-color 0.3s, color 0.3s;
}
```

```
.sidebar ul li a:hover, .sidebar ul li a.active {
  background-color: #16a085;
  color: white;
}
```

```
/* Main Content */
.main-content {
  margin-left: 250px;
```

```
padding: 20px;
flex-grow: 1;
overflow-y: auto;
height: calc(100vh - 60px);
}
```

```
/* Header */
```

```
header {
  display: flex;
  justify-content: space-between;
  align-items: center;
  background-color: #ffffff;
  padding: 20px;
  box-shadow: 0px 1px 5px rgba(0, 0, 0, 0.1);
  margin-bottom: 20px;
}
```

```
header input[type="text"] {
  padding: 8px;
  border-radius: 20px;
  border: 1px solid #ccc;
}
```

```
.user-info {
  display: flex;
  gap: 10px;
}
```

```
/* Inventory Section */
```

```
.inventory-header {
  display: flex;
```

```

    justify-content: space-between;
    align-items: center;
    margin-bottom: 20px;
}

.inventory-header input[type="text"] {
    padding: 8px;
    border-radius: 20px;
    border: 1px solid #ccc;
}

.inventory-header button {
    background-color: #2a9d8f;
    color: white;
    border: none;
    padding: 10px 15px;
    border-radius: 5px;
    cursor: pointer;
    margin-left: 10px;
    transition: background-color 0.3s;
}

.inventory-header button:hover {
    background-color: #264653;
}

/* Table */
#inventory-table {
    width: 100%;
    border-collapse: collapse;
    margin-bottom: 20px;

```

```
    box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1);
}
```

```
#inventory-table th, #inventory-table td {
    border: 1px solid #ddd;
    padding: 12px;
    text-align: left;
}
```

```
#inventory-table th {
    background-color: #264653;
    color: white;
}
```

```
#inventory-table td {
    background-color: #f9f9f9;
}
```

```
/* Action Buttons */
```

```
.action-btn {
    background-color: #2a9d8f;
    color: white;
    border: none;
    padding: 6px 10px;
    cursor: pointer;
    border-radius: 5px;
    transition: background-color 0.3s;
}
```

```
.action-btn:hover {
    background-color: #264653;
}
```

```
}
```

```
/* Status Colors */
```

```
.status-maintained { color: green; font-weight: bold; }
```

```
.status-instock { color: #264653; font-weight: bold; }
```

```
.status-lowstock { color: red; font-weight: bold; }
```

```
/* Pagination */
```

```
.pagination {
```

```
    display: flex;
```

```
    justify-content: center;
```

```
    gap: 10px;
```

```
    margin-top: 20px;
```

```
}
```

```
.pagination button {
```

```
    padding: 8px 15px;
```

```
    background-color: #2a9d8f;
```

```
    color: white;
```

```
    border: none;
```

```
    border-radius: 5px;
```

```
    cursor: pointer;
```

```
    transition: background-color 0.3s;
```

```
}
```

```
.pagination button:hover {
```

```
    background-color: #264653;
```

```
}
```

```
#page-num { padding: 8px; }
```

```
/* Footer */  
footer {  
    background-color: #00c04b;  
    color: white;  
    text-align: center;  
    padding: 15px 0;  
    position: fixed;  
    bottom: 0;  
    width: 100%;  
    height: 60px;  
    position: relative;  
}
```

```
/* Responsive styles */  
@media (max-width: 768px) {  
    .sidebar {  
        width: 100%;  
        height: auto;  
        position: relative;  
        margin-bottom: 20px;  
    }  
  
    .main-content {  
        margin-left: 0;  
    }  
  
    header {  
        flex-direction: column;  
        align-items: flex-start;  
    }
```

```
.user-info {
    margin-top: 10px;
}
}
```

Inventory information:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Inventory Summary</title>
    <link rel="stylesheet" href="inventory.css">
</head>
<body>
    <nav>
        <div class="logo">Farming Management System</div>
        <ul>
            <li><a href="../home/home.html">Home</a></li>
        </ul>
    </nav>

    <div class="slideshow-container">
        <div class="slides fade">
            <div class="slide-heading">Management</div>
            
        </div>

        <div class="slides fade">
            <div class="slide-heading">TRACKING</div>
            
        </div>
    </div>
</body>
</html>
```


</div>

<div class="slides fade">

<div class="slide-heading">Market flow</div>

</div>

<div class="slides fade">

<div class="slide-heading">ORDER</div>

</div>

</div>

<div class="summary-container">

<h2>Inventory Summary</h2>

<p>Here is a brief summary of our inventory:</p>

Product 1: 50 units available

Product 2: 100 units available

Product 3: 30 units available

Product 4: 75 units available

</div>

<footer>

<div class="footer-content">

<p>© 2024 Farming Management System. All Rights Reserved.</p>

Privacy Policy

Terms of Service

Contact Us


```

        </div>

</footer>

<script src="inventory.js"></script>

</body>

</html>

```

Scripts:

```

let slideIndex = 0;

showSlides();

function showSlides() {
    let i;
    let slides = document.getElementsByClassName("slides");
    for (i = 0; i < slides.length; i++) {
        slides[i].style.display = "none";
    }
    slideIndex++;
    if (slideIndex > slides.length) {slideIndex = 1}
    slides[slideIndex-1].style.display = "block";
    setTimeout(showSlides, 3000); // Change image every 3 seconds
}

document.addEventListener('contextmenu', function(e) {
    e.preventDefault();
});

document.addEventListener('keydown',function(e)
{
if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {
    e.preventDefault();

```

```
}
```

```
});
```

Styles:

```
body{
```

```
    font-family: Arial, sans-serif;
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    background-color: #f0f0f0;
```

```
}
```

```
.slideshow-container {
```

```
    position: relative;
```

```
    max-width: 100%;
```

```
    margin: auto;
```

```
}
```

```
.slides {
```

```
    display: none;
```

```
    position: relative;
```

```
}
```

```
.slides img {
```

```
    width: 100%;
```

```
    height: 400px;
```

```
    object-fit: cover;
```

```
}
```

```
.slide-heading {
```

```
    position: absolute;
```

```
    bottom: 30px;
```

```
    left: 20px;
```

```
font-size: 24px;
color: white;
background-color: rgba(0, 0, 0, 0.6);
padding: 10px;
border-radius: 5px;
}
```

```
.summary-container {
  background-color: #333;
  color: white;
  padding: 20px;
  text-align: center;
}
```

```
.summary-container h2 {
  font-size: 28px;
}
```

```
.summary-container p {
  font-size: 18px;
}
```

```
.summary-container ul {
  list-style-type: none;
  padding: 0;
}
```

```
.summary-container ul li {
  font-size: 16px;
  margin: 10px 0;
}
```

```
footer {  
    background-color: rgba(0, 0, 0, 0.7); /* Blends with the nav bar */  
    color: white;  
    text-align: center;  
    padding: 15px 0;  
    position: fixed;  
    width: 100%;  
    bottom: 0;  
    z-index: 1000; /* Ensures it stays above other content */  
    box-shadow: 0 -4px 8px rgba(0, 0, 0, 0.3); /* Adds shadow for depth */  
}
```

```
footer .footer-content {  
    display: flex;  
    flex-direction: column;  
    align-items: center;  
    justify-content: center;  
}
```

```
footer ul {  
    list-style-type: none;  
    padding: 0;  
    margin-top: 10px;  
    display: flex;  
    gap: 20px;  
}
```

```
footer ul li {  
    display: inline;  
}
```

```
footer ul li a {  
    color: white;  
    text-decoration: none;  
    font-size: 14px;  
    transition: color 0.3s ease;  
}
```

```
footer ul li a: hover {  
    color: #FFD700;  
}
```

```
footer p {  
    font-size: 14px;  
    margin: 0;  
}
```

/* Responsive adjustment for footer */

```
@media (max-width: 768px) {  
    footer ul {  
        flex-direction: column;  
        gap: 10px;  
    }
```

```
    footer ul li {  
        margin-bottom: 10px;  
    }  
}
```

```
nav {  
    position: fixed;  
    top: 0;  
    left: 0;
```

```
width: 100%;  
background-color: rgba(0, 0, 0, 0.7);  
color: white;  
display: flex;  
justify-content: space-between;  
padding: 10px 20px;  
z-index: 1000; /* Ensures it stays above other content */  
box-shadow: 0 4px 8px rgba(0, 0, 0, 0.3); /* Optional: adds a shadow for better visibility */  
}
```

```
nav .logo {  
  font-size: 24px;  
  font-weight: bold;  
}
```

```
nav ul {  
  list-style-type: none;  
  display: flex;  
  gap: 20px;  
  left: 20px;  
}
```

```
nav ul li {  
  margin-right: 50px;  
}
```

```
nav ul li a {  
  color: white;  
  text-decoration: none;  
  font-size: 18px;  
  transition: color 0.3s ease;
```

```
}
```

```
nav ul li a: hover {  
    color: #FFD700;  
}
```

```
/* Responsive adjustments for smaller screens */
```

```
@media (max-width: 768px) {  
    nav ul {  
        flex-direction: column;  
        background-color: rgba(0, 0, 0, 0.9); /* Darker background for better readability */  
        position: absolute;  
        top: 60px; /* Below the nav bar */  
        right: 0;  
        width: 100%;  
        padding: 10px;  
        display: none; /* Hidden by default for mobile */  
    }  
  
    nav ul.show {  
        display: flex; /* Show on toggle */  
    }  
  
    nav ul li {  
        margin: 10px 0;  
    }  
}
```

Backend:

```
<?php
```

```
include 'db.php';
```

```
if ($_SERVER['REQUEST_METHOD'] == 'POST') {
```



```

$item_name = $_POST['item_name'];
$category = $_POST['category'];
$quantity = $_POST['quantity'];
$unit = $_POST['unit'];
$status = $_POST['status'];

// Insert item into database
$sql = "INSERT INTO inventory (item_name, category, quantity, unit, status)
VALUES ('$item_name', '$category', $quantity, '$unit', '$status')";

if ($conn->query($sql) === TRUE) {
    echo json_encode(['success' => true]);
} else {
    echo json_encode(['success' => false, 'error' => $conn->error]);
}

$conn->close();
}
?>

```

```

<?php
include 'db.php';

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $id = $_POST['id'];

    $sql = "DELETE FROM inventory WHERE id = $id";

    if ($conn->query($sql) === TRUE) {
        echo json_encode(['success' => true]);
    } else {

```

```

        echo json_encode(['success' => false, 'error' => $conn->error]);
    }

    $conn->close();
}
?>

<?php
include 'db.php';

$sql = "SELECT * FROM inventory ORDER BY last_updated DESC";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
    $inventory = array();
    while ($row = $result->fetch_assoc()) {
        $inventory[] = $row;
    }
    echo json_encode($inventory);
} else {
    echo json_encode([]);
}

$conn->close();
?>

```

Labour:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Labor Page</title>

<!-- Bootstrap CSS -->

<link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css">

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/font-awesome@6.0.0-beta3/css/all.min.css">

<style>

/* Custom styles */

body {

    background-color: #f8f9fa;

    margin: 0;

    padding: 0;

}

.sidebar {

    height: 100vh;

    background-color: #00c04b;

    position: fixed;

    top: 0;

    left: 0;

    padding-top: 20px;

    overflow-y: auto;

}

.sidebar h2 {

    text-align: center;

    color: #ecf0f1;

    background-color: #264653;

    padding: 15px;

```

```
border-radius: 10px;
margin-bottom: 20px;
}
```

```
.sidebar ul {
  list-style-type: none;
  padding-left: 0;
}
```

```
.sidebar ul li {
  margin: 20px 0;
}
```

```
.sidebar ul li a {
  text-decoration: none;
  color: #495057;
  display: block;
  padding: 12px 15px;
  background-color: white;
  border-radius: 5px;
  transition: background-color 0.3s, color 0.3s;
}
```

```
.sidebar ul li a:hover, .sidebar ul li a.active {
  background-color: #16a085;
  color: white;
}
```

```
.content {
  margin-left: 220px; /* Offset for sidebar */
  padding: 20px;
```

```
}
```

```
.table-container {  
  margin-bottom: 40px;  
}
```

```
.best-employee-card {  
  width: 18rem;  
  margin-bottom: 20px;  
}
```

```
.best-employee-card img {  
  height: 150px;  
  object-fit: cover;  
}
```

```
.best-employees {  
  display: flex;  
  gap: 20px;  
  flex-wrap: wrap;  
  justify-content: center;  
}
```

```
.section-title {  
  margin: 40px 0 20px;  
  font-weight: bold;  
}
```

```
.search-container {  
  margin-bottom: 20px;  
}
```

```

/* Responsive sidebar and content */
@media (max-width: 768px) {
    .sidebar {
        width: 100%;
        height: auto;
        position: relative;
    }
    .content {
        margin-left: 0;
        padding: 10px;
    }
}
</style>
</head>

<body>

<div class="container-fluid">
    <div class="row">
        <nav class="col-md-2 sidebar">
            <h2 class="sidebar-title">FMS</h2>
            <ul class="nav flex-column">
                <li class="nav-item"><a class="nav-link" href="../admin login
signup/admin_dashboard.html">Dashboard</a></li>
                <li class="nav-item"><a class="nav-link" href="../crops/index.html"><i class="fas fa-
seedling"></i>Crops</a></li>
                <li class="nav-item"><a class="nav-link" href="../livestock/index.html"><i class="fas fa-
fa-paw"></i>Livestock</a></li>
                <li class="nav-item"><a class="nav-link" href="../Fields/fields.html"><i class="fas fa-
map-marked-alt"></i>Fields</a></li>
                <li class="nav-item"><a class="nav-link" href="../report/report.html"><i class="fas fa-
file-alt"></i>Reports</a></li>

```

```
<li class="nav-item"><a class="nav-link" href="../inventory/index.html"><i class="fas fa-warehouse"></i>Inventory</a></li>
```

```
<li class="nav-item"><a class="nav-link active" href="../labour/labour.html"><i class="fa fa-tasks"></i>Labour</a></li>
```

```
<li class="nav-item"><a class="nav-link" href="../order/index.html"><i class="fa fa-boxes"></i>Orders</a></li>
```

```
<li class="nav-item"><a class="nav-link" href="../products/product.html"><i class="fa fa-tasks"></i>Products</a></li>
```

```
</ul>
```

```
</nav>
```

```
<!-- Main Content -->
```

```
<div class="content col-md-10 offset-md-2">
```

```
<div class="container">
```

```
<!-- Search Bar -->
```

```
<div class="search-container">
```

```
<input type="text" id="searchInput" class="form-control" placeholder="Search employees...">
```

```
</div>
```

```
<!-- Table 1: Total Employees -->
```

```
<div class="table-container">
```

```
<h3 class="section-title">Total Employees</h3>
```

```
<table class="table table-bordered table-striped">
```

```
<thead class="table-dark">
```

```
<tr>
```

```
<th>#</th>
```

```
<th>Name</th>
```

```
<th>Surname</th>
```

```
<th>Address</th>
```

```
<th>ID</th>
```

```
<th>Contact</th>
```

```
<th>Race</th>
```

```

        <th>Gender</th>

        <th>Position</th>

        <th>Leave Days</th>

    </tr>

</thead>

<tbody id="total-employees">

    <!-- Rows will be added by JavaScript -->

</tbody>

</table>

</div>

```

```

<!-- Table 2: Employees on Leave -->

<div class="table-container">

    <h3 class="section-title">Employees on Leave</h3>

    <table class="table table-bordered table-striped">

        <thead class="table-dark">

            <tr>

                <th>#</th>

                <th>Name</th>

                <th>Surname</th>

                <th>Status</th>

                <th>Expected Return</th>

            </tr>

        </thead>

        <tbody id="employees-on-leave">

            <!-- Rows will be added by JavaScript -->

        </tbody>

    </table>

</div>

```

```

<!-- Table 3: Employee Performance -->

```



```

<div class="table-container">

  <h3 class="section-title">Employee Performance for October</h3>

  <table class="table table-bordered table-striped">

    <thead class="table-dark">

      <tr>

        <th>#</th>

        <th>Name</th>

        <th>Surname</th>

        <th>Performance Rating</th>

        <th>Remarks</th>

      </tr>

    </thead>

    <tbody id="employee-performance">

      <!-- Rows will be added by JavaScript -->

    </tbody>

  </table>

</div>


<!-- Best Employees of the Month -->

<h3 class="section-title text-center">Best Employees of the Month</h3>

<div class="best-employees" id="best-employees">

  <!-- Best employees cards will be added by JavaScript -->

</div>

</div>

</div>

</div>


<!-- Bootstrap JS -->

<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"></script>

```

```

<script>

  <!-- Custom JS (Place your JavaScript for table population and search filtering here) -->

  // Mock Data for Employees

  const employeesData = [

    { name: "Kelebogile", surname: "Maema", address: "123 Main St", id: "123456789", contact:
"555-1234", race: "Black", gender: "Female", position: "Manager", leaveDays: 15 },

    { name: "Jane", surname: "Smith", address: "456 Oak Ave", id: "987654321", contact: "555-
5678", race: "Black", gender: "Female", position: "Technician", leaveDays: 10 },

    // Add more employee objects (up to 30)...

    {
      name: "John",
      surname: "Doe",
      address: "123 Maple St",
      id: "123456789",
      contact: "555-1234",
      race: "White",
      gender: "Male",
      position: "Engineer",
      leaveDays: 8
    },
    {
      name: "Emily",
      surname: "Johnson",
      address: "789 Pine Rd",
      id: "234567890",
      contact: "555-2345",
      race: "Hispanic",
      gender: "Female",
      position: "Analyst",
      leaveDays: 12
    },
  ],

```

```
{
  name: "Michael",
  surname: "Brown",
  address: "654 Cedar Ln",
  id: "345678901",
  contact: "555-3456",
  race: "Asian",
  gender: "Male",
  position: "Manager",
  leaveDays: 15
},
{
  name: "Sarah",
  surname: "Taylor",
  address: "321 Birch Blvd",
  id: "456789012",
  contact: "555-4567",
  race: "Black",
  gender: "Female",
  position: "Consultant",
  leaveDays: 5
},
{
  name: "David",
  surname: "Wilson",
  address: "987 Elm St",
  id: "567890123",
  contact: "555-5679",
  race: "Mixed",
  gender: "Male",
  position: "Supervisor",
```

```

    leaveDays: 7
  }

];

const employeesOnLeaveData = [
  { name: "John", surname: "Doe", status: "On Leave", returnDate: "2024-11-01" },
  { name: "Jane", surname: "Smith", status: "On Leave", returnDate: "2024-10-28" },
  // Add more employee leave objects (up to 30)...
  {
    name: "Emily",
    surname: "Clark",
    status: "On Leave",
    returnDate: "2024-10-29"
  },
  {
    name: "Liam",
    surname: "Johnson",
    status: "On Leave",
    returnDate: "2024-11-05"
  },
  {
    name: "Sophia",
    surname: "Martinez",
    status: "On Leave",
    returnDate: "2024-11-10"
  },
  {
    name: "Noah",
    surname: "Garcia",
    status: "On Leave",

```

```
    returnDate: "2024-11-03"
  },
  {
    name: "Olivia",
    surname: "Brown",
    status: "On Leave",
    returnDate: "2024-10-30"
  }
}
```

```
];
```

```
const performanceData = [
  { name: "John", surname: "Doe", rating: "Excellent", remarks: "Great team player" },
  { name: "Jane", surname: "Smith", rating: "Good", remarks: "Consistent performer" },
  // Add more performance objects (up to 30)...
  {
    name: "Sarah",
    surname: "Miller",
    rating: "Outstanding",
    remarks: "Consistently exceeds expectations"
  },
  {
    name: "Michael",
    surname: "Wilson",
    rating: "Very Good",
    remarks: "Highly dependable and proactive"
  },
  {
    name: "Emma",
    surname: "Taylor",
    rating: "Good",
```

```

    remarks: "Shows steady improvement and dedication"
  }

];

const bestEmployeesData = [
  { name: "Kelebogile", surname: "Maema", role: "Manager", imgSrc: "../about us/KELE.png" },
  { name: "Kelebogile", surname: "Maema", role: "promoted to DD", imgSrc: "../about us/KELE.png" },
  // Add more best employees (up to 3)...
];

// Function to load employee data into tables
function loadEmployeeData() {
  const totalEmployeesTable = document.getElementById('total-employees');
  employeesData.forEach((employee, index) => {
    const row = `<tr>
      <td>${index + 1}</td>
      <td>${employee.name}</td>
      <td>${employee.surname}</td>
      <td>${employee.address}</td>
      <td>${employee.id}</td>
      <td>${employee.contact}</td>
      <td>${employee.race}</td>
      <td>${employee.gender}</td>
      <td>${employee.position}</td>
      <td>${employee.leaveDays}</td>
    </tr>`;
    totalEmployeesTable.innerHTML += row;
  });
}

```

```

const employeesOnLeaveTable = document.getElementById('employees-on-leave');
employeesOnLeaveData.forEach((employee, index) => {
  const row = `<tr>
    <td>${index + 1}</td>
    <td>${employee.name}</td>
    <td>${employee.surname}</td>
    <td>${employee.status}</td>
    <td>${employee.returnDate}</td>
  </tr>`;
  employeesOnLeaveTable.innerHTML += row;
});

```

```

const performanceTable = document.getElementById('employee-performance');
performanceData.forEach((performance, index) => {
  const row = `<tr>
    <td>${index + 1}</td>
    <td>${performance.name}</td>
    <td>${performance.surname}</td>
    <td>${performance.rating}</td>
    <td>${performance.remarks}</td>
  </tr>`;
  performanceTable.innerHTML += row;
});

```

```

const bestEmployeesContainer = document.getElementById('best-employees');
bestEmployeesData.forEach(employee => {
  const card = `<div class="card best-employee-card">
    
    <div class="card-body">
      <h5 class="card-title">${employee.name} ${employee.surname}</h5>
      <p class="card-text">${employee.role}</p>

```

```

        </div>

        </div>`;

        bestEmployeesContainer.innerHTML += card;

    });
}

// Function to filter employees based on search input
function filterEmployees() {

    const searchValue = document.getElementById('searchInput').value.toLowerCase();

    const totalEmployeesTable = document.getElementById('total-employees');

    const rows = totalEmployeesTable.getElementsByTagName('tr');
    for (let i = 0; i < rows.length; i++) {

        const cells = rows[i].getElementsByTagName('td');

        let found = false;

        for (let j = 1; j < cells.length; j++) { // Start from index 1 to skip the # column
            if (cells[j].innerText.toLowerCase().includes(searchValue)) {

                found = true;

                break;

            }

        }

        rows[i].style.display = found ? '' : 'none';

    }

}

// Event listener for search input
document.getElementById('searchInput').addEventListener('input', filterEmployees);

// Load data on page load
window.onload = loadEmployeeData;

</script>

</body>

```


</html>

Scripts:

```
async function loadEmployeeData() {
  try {
    const response = await fetch('fetch_data.php');
    const data = await response.json();

    // Populate Total Employees Table
    const totalEmployeesTable = document.getElementById('total-employees');
    data.employees.forEach((employee, index) => {
      const row = `<tr>
        <td>${index + 1}</td>
        <td>${employee.name}</td>
        <td>${employee.surname}</td>
        <td>${employee.address}</td>
        <td>${employee.employee_id}</td>
        <td>${employee.contact}</td>
        <td>${employee.race}</td>
        <td>${employee.gender}</td>
        <td>${employee.position}</td>
        <td>${employee.leave_days}</td>
      </tr>`;

      totalEmployeesTable.innerHTML += row;
    });

    // Populate Employees on Leave Table
    const employeesOnLeaveTable = document.getElementById('employees-on-leave');
    data.employeesOnLeave.forEach((employee, index) => {
```

```

const row = `<tr>
    <td>${index + 1}</td>
    <td>${employee.name}</td>
    <td>${employee.surname}</td>
    <td>${employee.status}</td>
    <td>${employee.expected_return}</td>
</tr>`;

employeesOnLeaveTable.innerHTML += row;

});

// Populate Employee Performance Table
const performanceTable = document.getElementById('employee-performance');
data.performance.forEach((performance, index) => {
    const row = `<tr>
        <td>${index + 1}</td>
        <td>${performance.name}</td>
        <td>${performance.surname}</td>
        <td>${performance.performance_rating}</td>
        <td>${performance.remarks}</td>
    </tr>`;

    performanceTable.innerHTML += row;

});

// Populate Best Employees Cards
const bestEmployeesContainer = document.getElementById('best-employees');
data.bestEmployees.forEach(employee => {
    const card = `<div class="card best-employee-card">
        
        <div class="card-body">
            <h5 class="card-title">${employee.name} ${employee.surname}</h5>

```

```

        <p class="card-text">${employee.role}</p>
    </div>
</div>`;

    bestEmployeesContainer.innerHTML += card;

});
} catch (error) {
    console.error("Error loading employee data:", error);
}
}

```

```

// Load data on page load
window.onload = loadEmployeeData;

```

backend:

```

<?php
$servername = "localhost";
$username = "root"; // Replace with your DB username
$password = "Password2024"; // Replace with your DB password
$dbname = "csdb01";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}

// Fetch Total Employees Data
$employeesResult = $conn->query("SELECT * FROM employees");
$employeesData = [];

```

```

while ($row = $employeesResult->fetch_assoc()) {
    $employeesData[] = $row;
}

// Fetch Employees on Leave Data
$employeesOnLeaveResult = $conn->query("SELECT * FROM employees_on_leave");
$employeesOnLeaveData = [];
while ($row = $employeesOnLeaveResult->fetch_assoc()) {
    $employeesOnLeaveData[] = $row;
}

// Fetch Employee Performance Data
$performanceResult = $conn->query("SELECT * FROM employee_performance");
$performanceData = [];
while ($row = $performanceResult->fetch_assoc()) {
    $performanceData[] = $row;
}

// Fetch Best Employees of the Month
$bestEmployeesResult = $conn->query("SELECT * FROM best_employees");
$bestEmployeesData = [];
while ($row = $bestEmployeesResult->fetch_assoc()) {
    $bestEmployeesData[] = $row;
}

// Close the connection
$conn->close();

// Return JSON data for JavaScript
header('Content-Type: application/json');
echo json_encode([

```

```

    "employees" => $employeesData,
    "employeesOnLeave" => $employeesOnLeaveData,
    "performance" => $performanceData,
    "bestEmployees" => $bestEmployeesData
  });
?>

```

Livestock:

```

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>FMS - Livestock Page</title>

  <link rel="preconnect" href="https://fonts.googleapis.com">

  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

  <link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;200;300;400;500;600;700;800;900&display=swap" rel="stylesheet">

  <link rel="stylesheet" href="index.css">

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU9OFeRpok6YctnYmDr5pNlyT2bRjXh0JMhY6hW+ALEwIH"
crossorigin="anonymous">

  <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDzOxhy9GkcIdslK1eN7N6jleHz"
crossorigin="anonymous"></script>

</head>

<body>

  <div class="container-fluid">

    <!-- Sidebar -->

```

```

<div class="sidebar">

  <h2>FMS</h2>

  <ul>

    <li><a href="../admin login signup/admin_dashboard.html">Dashboard</a></li>

    <li><a href="../crops/index.html">Crops</a></li>

    <li><a href="../livestock/index.html" class="active">Livestock</a></li>

    <li><a href="../Fields/fields.html">Fields</a></li>

    <li><a href="../reports/reports.html">Reports</a></li>

    <li><a href="../inventory/index.html">Inventory</a></li>

    <li><a href="../order/index.html">Orders</a></li>

    <li><a href="../labour/labour.html">Labour</a></li>

    <li><a href="../products/products.html">Products</a></li>

  </ul>

</div>


<!-- Main Content -->

<div class="main-content">

  <h1>Livestock</h1>


  <!-- Search bar -->

  <input type="text" id="searchBar" placeholder="Search livestock..."
onkeyup="searchCrops()">


  <div class="actions">

    <button id="addLivestockBtn">Add New Livestock</button>

  </div>


  <table class="Livestock-table" id="LivestockTable">

    <thead>

      <tr>

        <th>RFID</th>

```

```

<th>Type</th>
<th>Breed</th>
<th>Birthdate</th>
<th>Age</th>
<th>Health Status</th>
<th>Last checkup</th>
<th>Next Vaccination</th>
<th>Image</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<!-- Sheep -->
<td>RFID001</td>
<td>Sheep</td>
<td>Dorper</td>
<td>12/09/2025</td>
<td>20</td>
<td><span class="status good">Good</span></td>
<td>15/10/2000</td>
<td>20/20/2078</td>
<td></td>
<td>
<button>Edit</button>
<button>Delete</button>
</td>
</tr>

<!-- Pig -->
<tr>

```

```

<td>RFID002</td>

<td>Pig</td>

<td>Duroc</td>

<td>12/09/2025</td>

<td>10</td>

<td><span class="status good">Good</span></td>

<td>15/10/2000</td>

<td>20/20/2078</td>

<td></td>

<td>

    <button>Edit</button>

    <button>Delete</button>

</td>

</tr>

<!-- Chicken -->

<tr>

<td>RFID003</td>

<td>Chicken</td>

<td>Leghorn</td>

<td>12/09/2025</td>

<td>10</td>

<td><span class="status fair">Fair</span></td>

<td>15/10/2000</td>

<td>20/20/2078</td>

<td></td>

<td>

    <button>Edit</button>

    <button>Delete</button>

</td>

</tr>

```



```

<!-- Horse -->

<tr>

  <td>RFID004</td>

  <td>Horse</td>

  <td>Mustang</td>

  <td>12/09/2025</td>

  <td>15</td>

  <td><span class="status unhealthy">Unhealthy</span></td>

  <td>15/10/2000</td>

  <td>20/20/2078</td>

  <td></td>

  <td>

    <button>Edit</button>

    <button>Delete</button>

  </td>

</tr>

</tbody>

</table>

</div>

</div>

<!-- Popup Form -->

<div class="popup" id="addLivestockPopup">

  <div class="popup-content">

    <h2>Add New Livestock</h2>

    <form action="livestock.php" id="addLivestockForm" enctype="multipart/form-data">

      <label for="RFID">RFID</label>

      <input type="text" id="RFID" required>

    </form>

  </div>

</div>

```

<label for="type">Type</label>

<input type="text" id="type" required>

<label for="breed">Breed</label>

<input type="text" id="breed" required>

<label for="birthDate">Birth Date</label>

<input type="date" id="birthDate" required>

<label for="age">Age</label>

<input type="number" id="age" required>

<label for="status">Health Status</label>

<select id="status">

<option value="good">Good</option>

<option value="fair">Fair</option>

<option value="unhealthy">Unhealthy</option>

</select>

<label for="lastCheckup">Last Checkup</label>

<input type="date" id="lastCheckup" required>

<label for="nextVaccine">Next Vaccine</label>

<input type="date" id="nextVaccine" required>

<label for="LivestockImage">Livestock Image</label>

<input type="file" id="LivestockImage" accept="image/*" required>

<div class="buttons">

<button type="button" id="cancelBtn">Cancel</button>

<button type="submit" id="addLivestockBtn">Add Livestock</button>

```

        </div>
    </form>
</div>
</div>
<footer class="text-center">
    <p class="mb-1">&copy; 2024 FMS Inventory. All Rights Reserved.</p>
</footer>
<script src="index.js"></script>
</body>
</html>

```

Styles:

```

body {
    font-family: 'Poppins', sans-serif;
    margin: 0;
    padding: 0;
    background-color: #f9f9f9;
    height: 100vh; /* Make sure the body takes the full height */
    overflow: hidden; /* Prevent body scrolling */
}

```

```

.container-fluid {
    display: flex;
    height: 100%; /* Full height of the viewport */
}

```

/* Sidebar Styles */

```

.sidebar {
    width: 250px; /* Fixed width for sidebar */
    background-color: #00c04b; /* Updated sidebar background color */
    padding: 20px;
}

```

```
color: darkgrey;

border-radius: 10px;

height: 100%; /* Full height */

overflow-y: auto; /* Add scrolling for overflowing content */

box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1); /* Subtle shadow for depth */
}
```

```
/* Sidebar Title */
```

```
.sidebar h2 {

text-align: center;

color: #ecf0f1;

background-color: #264653; /* Sidebar header background */

padding: 15px; /* Padding for the title */

border-radius: 10px; /* Rounded corners for the title */

margin-bottom: 20px; /* Space below the title */
}
```

```
/* List Styles */
```

```
.sidebar ul {

list-style-type: none; /* Remove bullet points */

padding: 0;
}
```

```
.sidebar ul li {

margin: 15px 0; /* Space between list items */
}
```

```
/* Link Styles */
```

```
.sidebar ul li a {

text-decoration: none; /* Remove underline */

color: #495057; /* Default link color */
}
```

```
display: block;

padding: 12px 15px; /* Add padding for clickable area */

background-color: white; /* Link background color */

border-radius: 5px; /* Rounded corners for links */

transition: background-color 0.3s, color 0.3s; /* Transition effects */
}
```

```
/* Link Hover and Active States */
```

```
.sidebar ul li a:hover,
.sidebar ul li a.active {

    background-color: #16a085; /* Hover or active background color */

    color: white; /* Change text color on hover */
}
```

```
.main-content {

    flex: 1; /* This allows it to grow and fill remaining space */

    padding: 20px;

    display: flex;

    flex-direction: column; /* Stack elements vertically */

    height: 100%; /* Full height of the parent */

    overflow-y: auto; /* Scrollable if content overflows */
}
```

```
.main-content h1 {

    margin-bottom: 20px;
}
```

```
#searchBar {

    padding: 10px;

    width: 100%;

    margin-bottom: 20px;
}
```

```
border-radius: 5px;
border: 1px solid #ccc;
}
```

```
.actions{
margin-bottom: 20px;
}
```

```
.actions button {
padding: 10px 15px;
border: none;
background-color: #16a085;
color: white;
border-radius: 5px;
cursor: pointer;
}
```

```
.Livestock-table {
width: 100%;
border-collapse: collapse;
}
```

```
.Livestock-table th,
.Livestock-table td {
padding: 10px;
border: 1px solid #ddd;
text-align: left;
}
```

```
.status {
padding: 5px;
```

```

border-radius: 3px;
color: white;
}

.status.good {
background-color: #28a745; /* Green */
}

.status.fair {
background-color: #ffc107; /* Yellow */
}

.status.unhealthy {
background-color: #dc3545; /* Red */
}

.livestock-image {
width: 50px; /* Fixed width for images */
height: auto; /* Maintain aspect ratio */
}

/* Popup styles */
.popup {
display: none; /* Hidden by default */
position: fixed;
top: 0;
left: 0;
width: 100%;
height: 100%;
background-color: rgba(0, 0, 0, 0.5);
justify-content: center;

```

```

    align-items: center;

    z-index: 1000; /* Ensure the popup is above other elements */
}

.popup-content {
    background-color: white;
    padding: 20px;
    border-radius: 5px;
    max-width: 400px; /* Set a max width for responsiveness */
    width: 90%; /* Allow the popup to take 90% width on smaller screens */
    max-height: 90vh; /* Limit the height of the popup */
    overflow-y: auto; /* Allow scrolling if content overflows */
}

.popup-content h2 {
    margin-bottom: 20px;
}

.popup-content label {
    display: block;
    margin-bottom: 5px;
}

.popup-content input,
.popup-content select {
    width: 100%;
    padding: 10px;
    margin-bottom: 10px;
    border: 1px solid #ccc;
    border-radius: 5px;
}

```



```
.buttons{
  display: flex;
  justify-content: space-between;
}
```

```
.buttons button{
  width: 48%; /* Space for both buttons */
}
```

```
footer {
  background-color: #264653;
  color: white;
  text-align: center;
  padding: 15px 0;
  position: fixed;
  bottom: 0;
  width: 100%;
  height: 60px;
  position: relative;
}
```

Scripts: // Get elements

```
const addLivestockBtn = document.getElementById("addLivestockBtn");
const addLivestockPopup = document.getElementById("addLivestockPopup");
const cancelBtn = document.getElementById("cancelBtn");
const addLivestockForm = document.getElementById("addLivestockForm");
const LivestockTableBody = document.querySelector(".Livestock-table tbody"); // Updated
selector
const searchBar = document.getElementById("searchBar");
```

```

// Show the popup when the "Add New Livestock" button is clicked
addLivestockBtn.addEventListener("click", function () {
    addLivestockPopup.style.display = "flex";
});

// Hide the popup when the "Cancel" button is clicked
cancelBtn.addEventListener("click", function () {
    addLivestockPopup.style.display = "none";
});

// Close popup when clicking outside the content
window.addEventListener("click", function (event) {
    if (event.target === addLivestockPopup) {
        addLivestockPopup.style.display = "none";
    }
});

// Add Livestock form submission
addLivestockForm.addEventListener("submit", function (e) {
    e.preventDefault();

    // Get form values
    const RFID = document.getElementById("RFID").value;
    const type = document.getElementById("type").value;
    const breed = document.getElementById("breed").value;
    const birthDate = document.getElementById("birthDate").value;
    const age = document.getElementById("age").value;
    const status = document.getElementById("status").value;
    const lastCheckup = document.getElementById("lastCheckup").value;
    const nextVaccine = document.getElementById("nextVaccine").value;
    const LivestockImage = document.getElementById("LivestockImage").files[0];

```

```

// Create a new table row for the livestock

const newRow = document.createElement("tr");

const imageUrl = URL.createObjectURL(LivestockImage); // Generate image URL


newRow.innerHTML = `
    <td>${RFID}</td>
    <td>${type}</td>
    <td>${breed}</td>
    <td>${birthDate}</td>
    <td>${age}</td>
    <td><span class="status ${status}">${status}</span></td>
    <td>${lastCheckup}</td>
    <td>${nextVaccine}</td>
    <td></td>
    <td>
        <button>Edit</button>
        <button>Delete</button>
    </td>
`;

// Append the new row to the table
LivestockTableBody.appendChild(newRow);


// Clear form and close the popup
addLivestockForm.reset();
addLivestockPopup.style.display = "none";
});


// Search livestock function
searchBar.addEventListener("input", function () {

```

```

const filter = searchBar.value.toLowerCase();
const rows = LivestockTableBody.getElementsByTagName("tr");

Array.from(rows).forEach((row) => {
  const RFID = row.cells[0].textContent.toLowerCase();
  const type = row.cells[1].textContent.toLowerCase();

  if (RFID.includes(filter) || type.includes(filter)) {
    row.style.display = "";
  } else {
    row.style.display = "none";
  }
});
});

// Livestock data array (shared data for updates)
const LivestockData = [];

// Function to add livestock to shared data and update the products page
function addLivestockToData(livestock) {
  LivestockData.push(livestock);
  updateProductsPage();
}

// Update Products page with new livestock data
function updateProductsPage() {
  const productsTableBody = document.querySelector(".products-table tbody");
  productsTableBody.innerHTML = ""; // Clear existing rows

  LivestockData.forEach((livestock) => {
    const newRow = document.createElement("tr");

```

```

newRow.innerHTML = `
    <td>${livestock.RFID}</td>
    <td>${livestock.type}</td>
    <td>${livestock.breed}</td>
    <td>${livestock.birthDate}</td>
    <td>${livestock.age}</td>
    <td><span class="status ${livestock.status}">${livestock.status}</span></td>
    <td>${livestock.lastCheckup}</td>
    <td>${livestock.nextVaccine}</td>
    <td></td>
`;
productsTableBody.appendChild(newRow);
});
}

```

```

document.addEventListener('DOMContentLoaded', function () {
    fetchLivestock();

```

```

    document.getElementById('addLivestockForm').addEventListener('submit', function (e) {
        e.preventDefault();
        addLivestock();
    });
});

```

```

function fetchLivestock() {
    fetch('fetch_livestock.php')
        .then(response => response.json())
        .then(data => {
            const livestockTable = document.querySelector('#LivestockTable tbody');
            livestockTable.innerHTML = "";
            data.forEach(livestock => {

```

```

const row = `
    <tr>
        <td>${livestock.rfid}</td>
        <td>${livestock.type}</td>
        <td>${livestock.breed}</td>
        <td>${livestock.birthdate}</td>
        <td>${livestock.age}</td>
        <td><span class="status
${livestock.health_status}">${livestock.health_status}</span></td>
        <td>${livestock.last_checkup}</td>
        <td>${livestock.next_vaccination}</td>
        <td></td>
        <td>
            <button onclick="deleteLivestock(${livestock.id})">Delete</button>
        </td>
    </tr>
`;

livestockTable.innerHTML += row;

});

});
}

```

```

function addLivestock() {
    const formData = new FormData(document.getElementById('addLivestockForm'));

    fetch('add_livestock.php', {
        method: 'POST',
        body: formData
    })
    .then(response => response.json())

```

```

.then(data => {
    alert(data.message);
    fetchLivestock();
})
.catch(error => console.error('Error:', error));
}

```

```

function deleteLivestock(id) {
    fetch('delete_livestock.php', {
        method: 'POST',
        headers: {
            'Content-Type': 'application/x-www-form-urlencoded',
        },
        body: `id=${id}`
    })
    .then(response => response.json())
    .then(data => {
        alert(data.message);
        fetchLivestock();
    })
    .catch(error => console.error('Error:', error));
}

```

// Fetch livestock data and populate the table

```

function fetchLivestock() {
    fetch('livestock.php', {
        method: 'POST',
        headers: {
            'Content-Type': 'application/x-www-form-urlencoded',
        },
        body: 'action=fetchLivestock'
    })
    .then(response => response.json())
    .then(data => {
        alert(data.message);
        fetchLivestock();
    })
    .catch(error => console.error('Error:', error));
}

```

```

    })

    .then(response => response.json())

    .then(data => {

        let tableBody = document.querySelector("#LivestockTable tbody");

        tableBody.innerHTML = "";

        data.forEach(livestock => {

            tableBody.innerHTML += `

                <tr>

                    <td>${livestock.rfid}</td>

                    <td>${livestock.type}</td>

                    <td>${livestock.breed}</td>

                    <td>${livestock.birth_date}</td>

                    <td>${livestock.age}</td>

                    <td><span class="status
${livestock.health_status.toLowerCase()}>${livestock.health_status}</span></td>

                    <td>${livestock.last_checkup}</td>

                    <td>${livestock.next_vaccination}</td>

                    <td></td>

                    <td>

                        <button onclick="editLivestock(${livestock.id})">Edit</button>

                        <button onclick="deleteLivestock(${livestock.id})">Delete</button>

                    </td>

                </tr>

            `;

        });

    });

}

// Add new livestock

```



```
document.getElementById('addLivestockForm').addEventListener('submit', function (e) {  
    e.preventDefault();
```

```
    const formData = new FormData(this);  
    formData.append('action', 'addLivestock');
```

```
    fetch('livestock.php', {  
        method: 'POST',  
        body: formData  
    })  
    .then(response => response.json())  
    .then(data => {  
        if (data.status === 'success') {  
            alert('Livestock added successfully');  
            fetchLivestock();  
        } else {  
            alert('Error adding livestock');  
        }  
    });  
});
```

```
// Delete livestock
```

```
function deleteLivestock(id) {  
    if (confirm('Are you sure you want to delete this livestock?')) {  
        fetch('livestock.php', {  
            method: 'POST',  
            headers: {  
                'Content-Type': 'application/x-www-form-urlencoded',  
            },  
            body: `action=deleteLivestock&id=${id}`  
        })
```

```

.then(response => response.json())
.then(data => {
    if (data.status === 'success') {
        alert('Livestock deleted successfully');
        fetchLivestock();
    } else {
        alert('Error deleting livestock');
    }
});
}
}

// Edit livestock (this can be implemented similarly to adding new livestock)
function editLivestock(id) {
    // Load livestock data into the form for editing
    // Then send the updated data to the server
}

// Fetch livestock data on page load
fetchLivestock();

backend:
<?php
include 'db.php';

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $rfid = $_POST['rfid'];
    $type = $_POST['type'];
    $breed = $_POST['breed'];
    $birthdate = $_POST['birthDate'];
    $age = $_POST['age'];

```

```

$health_status = $_POST['status'];

$last_checkup = $_POST['lastCheckup'];

$next_vaccine = $_POST['nextVaccine'];


// Handle image upload

$image = $_FILES['LivestockImage']['name'];

$target_dir = "uploads/";

$target_file = $target_dir . basename($image);


if (move_uploaded_file($_FILES['LivestockImage']['tmp_name'], $target_file)) {

    $stmt = $pdo->prepare("INSERT INTO livestock (rfid, type, breed, birthdate, age,
health_status, last_checkup, next_vaccine, image)

        VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?)");

    $stmt->execute([$rfid, $type, $breed, $birthdate, $age, $health_status, $last_checkup,
$next_vaccine, $image]);


    echo "Livestock added successfully!";

} else {

    echo "Error uploading image!";

}

}

?>


<?php
include 'db.php';


if ($_SERVER['REQUEST_METHOD'] == 'POST') {

    $id = $_POST['id'];


    $stmt = $pdo->prepare("DELETE FROM livestock WHERE id = ?");

    $stmt->execute([$id]);

```

```

        echo "Livestock deleted successfully!";
    }
?>

<?php
include 'db.php';

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $id = $_POST['id'];
    $rfid = $_POST['rfid'];
    $type = $_POST['type'];
    $breed = $_POST['breed'];
    $birthdate = $_POST['birthDate'];
    $age = $_POST['age'];
    $health_status = $_POST['status'];
    $last_checkup = $_POST['lastCheckup'];
    $next_vaccine = $_POST['nextVaccine'];

    $stmt = $pdo->prepare("UPDATE livestock SET rfid = ?, type = ?, breed = ?, birthdate = ?, age =
    ?, health_status = ?, last_checkup = ?, next_vaccine = ? WHERE id = ?");

    $stmt->execute([$rfid, $type, $breed, $birthdate, $age, $health_status, $last_checkup,
    $next_vaccine, $id]);

    echo "Livestock updated successfully!";
}
?>

<?php
include 'db.php';

```

```
$stmt = $pdo->query("SELECT * FROM livestock");  
$livestock = $stmt->fetchAll(PDO::FETCH_ASSOC);
```

```
echo json_encode($livestock);  
?>
```

Livestock information:

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
  <meta charset="UTF-8">  
  <meta name="viewport" content="width=device-width, initial-scale=1.0">  
  <title>Livestock - Farming Management System</title>  
  <!-- Bootstrap CSS -->  
  <link rel="stylesheet"  
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">  
  <link rel="stylesheet" href="livestock.css">  
</head>  
<body>  
  
  <!-- Sidebar Navigation -->  
  <div class="sidebar">  
    <ul>  
      <li><a href="../home/home.html">Home</a></li>  
      <li><a href="../calender/calender.html">Calendar</a></li>  
      <li><a href="../crops information/crops.html">Crops</a></li>  
      <li><a href="../livestock information/livestock.html" class="active">Livestock</a></li>  
    </ul>  
  </div>  
  
  <!-- Main Content Section -->
```

```

<div class="main-content">

  <header>

    <h1>Livestock Information</h1>

    <input type="text" placeholder="Search Livestock..." id="searchBar"
onkeyup="searchFunction()">

  </header>

  <!-- Cards Section -->

  <div class="cards-container" id="cardsContainer">

    <a href="https://www.google.com/search?q=Cattle+farming" target="_blank">

      <div class="card" data-title="Cattle">

        <h2>Cattle</h2>

        <p>Learn about cattle farming, breeding, and management techniques.</p>

      </div>

    </a>

    <a href="https://www.google.com/search?q=Goat+farming" target="_blank">

      <div class="card" data-title="Goats">

        <h2>Goats</h2>

        <p>Discover the best practices for raising goats for meat or milk production.</p>

      </div>

    </a>

    <a href="https://www.google.com/search?q=Poultry+farming" target="_blank">

      <div class="card" data-title="Poultry">

        <h2>Poultry</h2>

        <p>Explore poultry farming, bird health management, and egg production.</p>

      </div>

```


<div class="card" data-title="pigs">

<h2>pigs</h2>

<p>Explore piggs farming, piggs health management, and egg production.</p>

</div>

</div>

<!-- Videos Section -->

<div class="container mt-4" id="videosContainer">

<h2 class="text-center">Educational Videos</h2>

<div class="list-group">

<!-- Video 1 -->

<div class="list-group-item" data-title="Cattle Farming Practices">

<h3>Cattle Farming Practices</h3>

<video width="100%" controls muted>

<source

src="Livestock_farming_in_SOUTH_AFRICA,_BORAN__a_thriving_Cattle_breed_for_sustainable_grazing__browsing(720p).mp4" type="video/mp4"> <!-- Replace with actual video path -->

Your browser does not support the video tag.

</video>

</div>

<!-- Video 2 -->

<div class="list-group-item" data-title="Goat Management Techniques">

<h3>Goat Management Techniques</h3>

<video width="100%" controls muted>

<source

src="The_5_Essential_Steps_for_Successful_Reproductive_Management_of_Boer_Goats!(1080 p).mp4" type="video/mp4"> <!-- Replace with actual video path -->

```

        Your browser does not support the video tag.
    </video>
</div>

<!-- Video 3 -->
<div class="list-group-item" data-title="Poultry Health Management">
    <h3>Poultry Health Management</h3>
    <video width="100%" controls muted>
        <source
src="Functions___Deficiency_symptoms_of_minerals_in_livestock(720p).mp4"
type="video/mp4"> <!-- Replace with actual video path -->
        Your browser does not support the video tag.
    </video>
</div>

<!-- Video 4 -->
<div class="list-group-item" data-title="Breeding Techniques">
    <h3>Breeding Techniques</h3>
    <video width="100%" controls muted>
        <source src="breeding.mp4.mp4" type="video/mp4"> <!-- Replace with actual video
path -->
        Your browser does not support the video tag.
    </video>
</div>

<!-- Video 5 -->
<div class="list-group-item" data-title="Nutrition for Livestock">
    <h3>Nutrition for Livestock</h3>
    <video width="100%" controls muted>
        <source src="Animal nutrition_ Supplementary feeding principles.mp4"
type="video/mp4"> <!-- Replace with actual video path -->
        Your browser does not support the video tag.

```



```

        </video>

    </div>

</div>

</div>

</div>

<script>

function searchFunction() {

    // Declare variables

    var input, filter, cards, videos, i, txtValue;

    input = document.getElementById('searchBar');

    filter = input.value.toLowerCase();

    cards = document.querySelectorAll('.cards-container .card');

    videos = document.querySelectorAll('#videosContainer .list-group-item');


    // Loop through cards and videos to hide those that don't match the search query
    cards.forEach(card => {

        txtValue = card.getAttribute('data-title').toLowerCase();

        card.parentElement.style.display = txtValue.includes(filter) ? "" : "none";

    });


    videos.forEach(video => {

        txtValue = video.getAttribute('data-title').toLowerCase();

        video.style.display = txtValue.includes(filter) ? "" : "none";

    });

}

</script>

<footer class="text-center mt-4">

    <p class="translate" data-translate="footerText">&copy; 2024 FMS Inventory. All Rights Reserved.</p>

```

```
</footer>

</body>

</html>
```

Styles:

```
/* Global Styling */
```

```
*{
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}
```

```
body{
  font-family: Arial, sans-serif;
  background-color: #f4f4f4;
}
```

```
/* Sidebar Navigation */
```

```
.sidebar{
  width: 200px;
  height: 100vh;
  background-color: #3A6351;
  position: fixed;
  top: 0;
  left: 0;
  display: flex;
  flex-direction: column;
  padding-top: 20px;
}
```

```
.sidebar ul{
```

```

    list-style: none;
    padding: 0;
}

.sidebar ul li {
    margin-bottom: 10px;
}

.sidebar ul li a {
    text-decoration: none;
    color: #fff;
    display: block;
    padding: 10px;
    font-size: 16px;
}

.sidebar ul li a.active,
.sidebar ul li a:hover {
    background-color: #4C9A62;
}

/* Main Content */
.main-content {
    margin-left: 220px;
    padding: 20px;
}

header {
    display: flex;
    justify-content: space-between;
    align-items: center;

```

```
    margin-bottom: 20px;
}
```

```
header h1 {
    font-size: 24px;
    color: #333;
}
```

```
#searchBar {
    padding: 10px;
    font-size: 16px;
    width: 300px;
    border: 1px solid #ccc;
    border-radius: 5px;
}
```

```
/* Cards Styling */
```

```
.cards-container {
    display: flex;
    flex-wrap: wrap;
    gap: 20px;
}
```

```
.card {
    background-color: white;
    border-radius: 10px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    overflow: hidden;
    width: 300px;
}
```

```
.card img{  
    width: 100%;  
    height: 180px;  
    object-fit: cover;  
}
```

```
.card h2{  
    margin: 15px;  
    font-size: 20px;  
    color: #333;  
}
```

```
.card p{  
    margin: 0 15px 15px;  
    color: #666;  
    font-size: 16px;  
}
```

```
/* Responsive Design */
```

```
@media (max-width: 768px) {  
    .main-content {  
        margin-left: 0;  
    }  
}
```

```
.cards-container {  
    justify-content: center;  
}  
}
```

```
footer {  
    background-color: #264653;
```

```

color: white;

text-align: center;

padding: 15px 0; /* Define footer height */

position: fixed;

bottom: 0;

width: 100%;

height: 60px; /* Set specific height for footer */
}

```

Scripts:

```

document.addEventListener('contextmenu', function(e) {
    e.preventDefault();
});

```

```

document.addEventListener('keydown',function(e)
{
if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {
    e.preventDefault();
}
});

```

Order:

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Orders Page</title>

    <link rel="stylesheet"
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"> <!--
Bootstrap CSS -->

    <link rel="stylesheet" href="styles.css"> <!-- Link to your CSS file -->

```

```

<link rel="preconnect" href="https://fonts.googleapis.com">

<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>

<link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@100;400;600&display=swap"
rel="stylesheet">

<link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

<script src="https://cdnjs.cloudflare.com/ajax/libs/jspdf/2.4.0/jspdf.umd.min.js"></script>

```

```

<style>

.nav-link {
    cursor: pointer;
}

.section {
    display: none;
}

.active-section {
    display: block;
}

footer {
    position: relative;
    bottom: 0;
    width: 100%;
    height: 60px; /* Define a height for the footer */
    text-align: center;
    padding: 15px;
    background-color: #00c04b;
    border-top: 1px solid #dee2e6;
}

/* Sidebar Styles */

.sidebar {
    width: 250px; /* Fixed width for sidebar */

```

```

background-color: #00c04b; /* Updated sidebar background color */
padding: 20px;
color: darkgrey;
border-radius: 10px; /* Optional: if you want rounded corners */
height: 100%; /* Full height */
overflow-y: auto; /* Add scrolling for overflowing content */
box-shadow: 0 2px 10px rgba(0, 0, 0, 0.1); /* Subtle shadow for depth */
border-right: 2px solid #dee2e6; /* Add a right border to separate from the main content */
}

```

```

/* Sidebar Title */

```

```

.sidebar h2 {
    text-align: center;
    color: #ecf0f1;
    background-color: #264653; /* Sidebar header background */
    padding: 15px; /* Padding for the title */
    border-radius: 10px; /* Rounded corners for the title */
    margin-bottom: 20px; /* Space below the title */
}

```

```

/* List Styles */

```

```

.sidebar ul {
    list-style-type: none; /* Remove bullet points */
    padding: 0;
}

```

```

.sidebar ul li {
    margin: 15px 0; /* Space between list items */
}

```

```

/* Link Styles */

```



```

.sidebar ul li a {
    text-decoration: none; /* Remove underline */
    color: #495057; /* Default link color */
    display: block;
    padding: 12px 15px; /* Add padding for clickable area */
    background-color: white; /* Link background color */
    border-radius: 5px; /* Rounded corners for links */
    transition: background-color 0.3s, color 0.3s; /* Transition effects */
}

/* Link Hover and Active States */
.sidebar ul li a:hover,
.sidebar ul li a.active {
    background-color: #16a085; /* Hover or active background color */
    color: white; /* Change text color on hover */
}
</style>
</head>
<body>
<div class="container-fluid">
<div class="row">
<nav class="col-md-2 d-none d-md-block sidebar">
<h2 class="sidebar-title">FMS</h2>
<ul class="nav flex-column">
<li class="nav-item"><a class="nav-link" href="../admin login
signup/admin_dashboard.html">Dashboard</a></li>
<li class="nav-item"><a class="nav-link" href="../crops/index.html"><i class="fas fa-
seedling"></i>Crops</a></li>
<li class="nav-item"><a class="nav-link" href="../livestock/index.html"><i class="fas
fa-paw"></i>Livestock</a></li>
<li class="nav-item"><a class="nav-link" href="../Fields/fields.html"><i class="fas fa-
map-marked-alt"></i>Fields</a></li>

```

```
<li class="nav-item"><a class="nav-link" href="../report/report.html"><i class="fas fa-file-alt"></i>Reports</a></li>
```

```
<li class="nav-item"><a class="nav-link" href="../inventory/index.html"><i class="fas fa-warehouse"></i>Inventory</a></li>
```

```
<li class="nav-item"><a class="nav-link" href="../labour/labour.html"><i class="fa fa-tasks"></i>Labour</a></li>
```

```
<li class="nav-item"><a class="nav-link active" href="../order/index.html"><i class="fa fa-boxes"></i>Orders</a></li>
```

```
<li class="nav-item"><a class="nav-link" href="../products/product.html"><i class="fa fa-tasks"></i>Products</a></li>
```

```
</ul>
```

```
</nav>
```

```
<div class="col-md-10 ml-sm-auto col-lg-10 px-4">
```

```
<header class="bg-primary text-white text-center py-3">
```

```
<h1>Farming Management System</h1>
```

```
</header>
```

```
<main class="container mt-4">
```

```
<!-- Horizontal Navigation Links -->
```

```
<nav class="nav nav-tabs mb-4">
```

```
<a class="nav-link active" id="nav-order-overview" onclick="showSection('order-overview')">Order Overview</a>
```

```
<a class="nav-link" id="nav-customer-info" onclick="showSection('customer-supplier-info')">Customer/Supplier Information</a>
```

```
<a class="nav-link" id="nav-items-order" onclick="showSection('items-in-order')">Items in the Order</a>
```

```
<a class="nav-link" id="nav-pricing-payment" onclick="showSection('pricing-payment-details')">Pricing and Payment Details</a>
```

```
<a class="nav-link" id="nav-additional-info" onclick="showSection('additional-information')">Track Order</a>
```

```
</nav>
```

```
<!-- Order Overview Section -->
```

```

<section id="order-overview" class="section active-section">

  <h3>Order Overview</h3>

  <div class="input-group mb-3">

    <input type="text" id="search-bar" class="form-control" placeholder="Search by
Order ID">

    <div class="input-group-append">

      <button id="search-button" class="btn btn-primary">Search</button>

    </div>

  </div>

  <table id="orders-table" class="table table-striped">

    <thead>

      <tr>

        <th>Order ID</th>

        <th>Order Date</th>

        <th>Order Status</th>

        <th>Order Type</th>

      </tr>

    </thead>

    <tbody>

      <tr>

        <td>12345</td>

        <td>2024-09-22</td>

        <td>Pending</td>

        <td>Inbound</td>

      </tr>

      <tr>

        <td>12346</td>

        <td>2024-09-21</td>

        <td>Shipped</td>

        <td>Outbound</td>

      </tr>

```

```
<tr>

  <td>12346</td>

  <td>2024-09-21</td>

  <td>Shipped</td>

  <td>Outbound</td>

</tr>

<tr>

  <td>12347</td>

  <td>2024-08-15</td>

  <td>Delivered</td>

  <td>Outbound</td>

</tr>

<tr>

  <td>12348</td>

  <td>2024-10-05</td>

  <td>Pending</td>

  <td>Inbound</td>

</tr>

<tr>

  <td>12349</td>

  <td>2024-07-30</td>

  <td>Shipped</td>

  <td>Outbound</td>

</tr>

<tr>

  <td>12350</td>

  <td>2024-09-10</td>

  <td>Processing</td>

  <td>Inbound</td>

</tr>

<tr>
```

```
<td>12351</td>
<td>2024-06-25</td>
<td>Delivered</td>
<td>Outbound</td>
</tr>
```

```
</tbody>
</table>
</section>
```

```
<!-- Customer/Supplier Information Section -->
<section id="customer-supplier-info" class="section">
  <h3>Customer/Supplier Information</h3>
  <p><strong>Name:</strong> Metchis Mathombe</p>
  <p><strong>Contact Details:</strong> (123) 456-7890 |
farming.management.s@gmail.com</p>
  <p><strong>Shipping Address:</strong> 123 Farm Lane, Klerksdorp</p>
</section>
```

```
<section id="customer-supplier-info" class="section">
  <h3>Customer/Supplier Information</h3>
  <p><strong>Name:</strong> Metchis Mathombe</p>
  <p><strong>Contact Details:</strong> (123) 456-7890 |
farming.management.s@gmail.com</p>
  <p><strong>Shipping Address:</strong> 123 Farm Lane, Klerksdorp</p>
</section>
```

```
<section id="customer-supplier-info" class="section">
  <h3>Customer/Supplier Information</h3>
  <p><strong>Name:</strong> Metchis Mathombe</p>
  <p><strong>Contact Details:</strong> (123) 456-7890 |
farming.management.s@gmail.com</p>
  <p><strong>Shipping Address:</strong> 123 Farm Lane, Klerksdorp</p>
</section>
```

```

<!-- Items in the Order Section -->

<section id="items-in-order" class="section">

  <h3>Items in the Order</h3>

  <table class="table table-striped">

    <thead>

      <tr>

        <th>Item Name</th>

        <th>Quantity</th>

        <th>Price</th>

      </tr>

    </thead>

    <tbody>

      <tr>

        <td>Wheat</td>

        <td>10</td>

        <td>R50</td>

      </tr>

      <tr>

        <td>Barley</td>

        <td>5</td>

        <td>R30</td>

      </tr>

      <tr>

        <td>Oats</td>

        <td>8</td>

        <td>R40</td>

      </tr>

      <tr>

        <td>Corn</td>

        <td>12</td>

        <td>R60</td>


```

```

        </tr>

        <tr>

            <td>Soybeans</td>

            <td>15</td>

            <td>R75</td>

        </tr>

        <tr>

            <td>Rice</td>

            <td>7</td>

            <td>R35</td>

        </tr>

        <tr>

            <td>Millet</td>

            <td>6</td>

            <td>R25</td>

        </tr>

    </tbody>

</table>

</section>

<!-- Pricing and Payment Details Section -->

<section id="pricing-payment-details" class="section">

    <h3>Pricing and Payment Details</h3>

    <p><strong>Total Amount:</strong> R8200</p>

    <p><strong>Payment Method:</strong> Credit Card</p>

    <p><strong>Payment Status:</strong> Completed</p>

</section>

<!-- Additional Information Section -->

<section id="additional-information" class="section">

```

```

        <h3> Tracking</h3>

        <p>Note: The order will be delivered within 3-5 business days.</p>

    </section>

</main>

</div>

</div>

</div>

<script>

function showSection(sectionId) {

    const sections = document.querySelectorAll('.section');

    sections.forEach(section => {

        section.classList.remove('active-section');

    });

    document.getElementById(sectionId).classList.add('active-section');


    const navLinks = document.querySelectorAll('.nav-link');

    navLinks.forEach(link => {

        link.classList.remove('active');

    });

    document.getElementById('nav-' + sectionId).classList.add('active');

}


// Add functionality for the search button

document.getElementById('search-button').addEventListener('click', function() {

    const searchValue = document.getElementById('search-bar').value.toLowerCase();

    const rows = document.querySelectorAll('#orders-table tbody tr');

    rows.forEach(row => {

        const orderId = row.cells[0].textContent.toLowerCase();

        if (orderId.includes(searchValue)) {

            row.style.display = "";

        }

    });

}

)

```



```

        } else {
            row.style.display = 'none';
        }
    });
});
</script>

<footer>
    <p>&copy; 2024 Farming Management System. All rights reserved.</p>
</footer>
</body>
</html>

```

Scripts:

```

document.addEventListener('DOMContentLoaded', () => {
    const addItemButton = document.getElementById('add-item');
    const itemsTable = document.getElementById('items-table');
    const searchButton = document.getElementById('search-button');
    const searchBar = document.getElementById('search-bar');
    const ordersTable = document.getElementById('orders-table');
    const payNowButton = document.getElementById('pay-now');
    const updateNotesButton = document.getElementById('update-notes-button');
    const orderId = 12345; // Example order ID

    // Fetch orders on page load
    fetchOrders();

    // Event listener to add new item
    addItemButton.addEventListener('click', () => {
        const itemName = document.getElementById('item-name').value;
        const itemDescription = document.getElementById('item-description').value;
    });
});

```

```

const quantity = document.getElementById('quantity').value;
const unitPrice = document.getElementById('unit-price').value;

if (itemName && itemDescription && quantity && unitPrice) {
  const totalPrice = (quantity * unitPrice).toFixed(2);
  const newRow = `
    <tr>
      <td>${itemName}</td>
      <td>${itemDescription}</td>
      <td>${quantity}</td>
      <td>${parseFloat(unitPrice).toFixed(2)}</td>
      <td>${totalPrice}</td>
    </tr>
  `;
  itemsTable.insertAdjacentHTML('beforeend', newRow);
  clearInputFields();
} else {
  alert('Please fill in all fields.');
```

```

}
});

```

```

// Event listener to search orders

```

```

searchButton.addEventListener('click', () => {
  const searchTerm = searchBar.value.toLowerCase();
  const rows = ordersTable.getElementsByTagName('tr');

  for (let i = 1; i < rows.length; i++) { // Start from 1 to skip the header
    const orderId = rows[i].cells[0].textContent.toLowerCase();
    if (orderId.includes(searchTerm)) {
      rows[i].style.display = ""; // Show the row
    } else {

```

```

        rows[i].style.display = 'none'; // Hide the row
    }
}
});

// Event listener to generate invoice
payNowButton.addEventListener('click', () => {
    generateInvoice();
});

// Event listener to update notes
updateNotesButton.addEventListener('click', () => {
    const newNotes = document.getElementById('update-order-notes').value;
    if (newNotes) {
        document.getElementById('order-notes').textContent = newNotes;
        document.getElementById('update-order-notes').value = ''; // Clear input field
        addOrderHistory(` Notes updated: ${newNotes} `);
    } else {
        alert('Please enter notes to update. ');
    }
});

// Function to generate invoice
function generateInvoice() {
    const { jsPDF } = window.jspdf;
    const doc = new jsPDF();

    // Invoice details
    const customerName = document.querySelector('#customer-supplier-info p
strong').nextSibling.textContent.trim();
    const orderDate = new Date().toLocaleDateString();

```

```

const orderTime = new Date().toLocaleTimeString();
const paymentMethod = document.getElementById('payment-method').textContent;
const totalCost = document.getElementById('total-cost').textContent;
const vat = document.getElementById('vat').textContent;

// Get items from the table
const items = Array.from(itemsTable.querySelectorAll('tr')).slice(1).map(row => {
  const cells = row.querySelectorAll('td');
  return {
    name: cells[0].textContent,
    description: cells[1].textContent,
    quantity: cells[2].textContent,
    unitPrice: cells[3].textContent,
    totalPrice: cells[4].textContent,
  };
});

// Check if there are items to include
if (items.length === 0) {
  alert('No items to include in the invoice.');
```

```

  return;
}

// Add content to PDF
doc.text(` Invoice for ${customerName} `, 20, 20);
doc.text(` Date: ${orderDate} `, 20, 30);
doc.text(` Time: ${orderTime} `, 20, 40);
doc.text(` Payment Method: ${paymentMethod} `, 20, 50);
doc.text(` Total Cost: ${totalCost} `, 20, 60);
doc.text(` VAT: ${vat} `, 20, 70);

```

```

doc.text('Items:', 20, 90);

let yPosition = 100;

items.forEach(item => {

    doc.text(` ${item.name} - ${item.description} (Qty: ${item.quantity}, Price:
${item.unitPrice}, Total: ${item.totalPrice})` , 20, yPosition);

    yPosition += 10;

});

// Save the PDF

doc.save('invoice.pdf');

updatePaymentStatus();

}

// Function to update payment status
function updatePaymentStatus() {

    document.getElementById('payment-status').textContent = 'Paid';

    alert('Payment successful! Invoice has been generated.');
```

```

}

// Function to clear input fields
function clearInputFields() {

    document.getElementById('item-name').value = "";

    document.getElementById('item-description').value = "";

    document.getElementById('quantity').value = "";

    document.getElementById('unit-price').value = "";

}

// Function to add order history
function addOrderHistory(entry) {

    const historyList = document.getElementById('order-history');

    const newEntry = document.createElement('li');
```

```

    newEntry.textContent = `${new Date().toLocaleDateString(): ${entry}}`;
    historyList.appendChild(newEntry);
  }

// Function to fetch orders
function fetchOrders() {
  fetch('backend.php', {
    method: 'POST',
    headers: {
      'Content-Type': 'application/x-www-form-urlencoded'
    },
    body: 'action=fetchOrders'
  })
  .then(response => response.json())
  .then(orders => {
    const table = document.getElementById('orders-table');
    table.innerHTML = '<tr><th>Order ID</th><th>Order Date</th><th>Order
Status</th><th>Order Type</th></tr>'; // Reset table
    orders.forEach(order => {
      const row = table.insertRow();
      row.insertCell(0).innerText = order.id;
      row.insertCell(1).innerText = order.order_date;
      row.insertCell(2).innerText = order.order_status;
      row.insertCell(3).innerText = order.order_type;
    });
  });
}

// Function to fetch order items
function fetchOrderItems(orderId) {
  fetch('order.php', {

```

```

    method: 'POST',
    headers: {
        'Content-Type': 'application/x-www-form-urlencoded'
    },
    body: `action=fetchOrderItems&orderId=${orderId}`
  })
  .then(response => response.json())
  .then(items => {
    const table = document.getElementById('items-table');
    table.innerHTML = '<tr><th>Item Name</th><th>Item
Description</th><th>Quantity</th><th>Unit Price</th><th>Total Price</th></tr>'; // Reset table
    items.forEach(item => {
      const row = table.insertRow();
      row.insertCell(0).innerText = item.item_name;
      row.insertCell(1).innerText = item.item_description;
      row.insertCell(2).innerText = item.quantity;
      row.insertCell(3).innerText = item.unit_price;
      row.insertCell(4).innerText = item.total_price;
    });
  });
}
});

```

Styles:

```

body {
  font-family: Arial, sans-serif;
  margin: 20px;
  background-color: #f9f9f9;
}

```

```

header {

```

```
text-align: center;
margin-bottom: 30px;
background-image: url('bg.jpg');
background-size: cover;
background-position: center;
height: 100px;
display: flex;
align-items: center;
justify-content: center;
}
```

```
h1 {
  color: #4CAF50;
  left: 50;
}
```

```
h2 {
  color: #f9f9f9;
}
```

```
section {
  margin-bottom: 20px;
  padding: 15px;
  background-color: #fff;
  border-radius: 5px;
  box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
}
```

```
table {
  width: 100%;
  border-collapse: collapse;
```



```
margin-top: 10px;
}
```

```
th, td {
padding: 12px;
border: 1px solid #ddd;
text-align: left;
}
```

```
th {
background-color: #4CAF50;
color: white;
}
```

```
footer {
text-align: center;
margin-top: 30px;
}
```

```
input[type="text"], input[type="number"] {
width: calc(100% - 20px);
padding: 10px;
margin: 5px 0;
border: 1px solid #ccc;
border-radius: 4px;
}
```

```
button {
padding: 10px 15px;
background-color: #4CAF50;
color: white;
```

```

border: none;

border-radius: 4px;

cursor: pointer;
}

button:hover{
    background-color: #45a049;
}

table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 10px;
}

th, td {
    padding: 12px;
    border: 1px solid #ddd;
    text-align: left;
}

th{
    background-color: #4CAF50;
    color: white;
}

.poppins-thin {
    font-family: "Poppins", sans-serif;
    font-weight: 100;
    font-style: normal;
}

```

```
.poppins-extralight {  
  font-family: "Poppins", sans-serif;  
  font-weight: 200;  
  font-style: normal;  
}
```

```
.poppins-light {  
  font-family: "Poppins", sans-serif;  
  font-weight: 300;  
  font-style: normal;  
}
```

```
.poppins-regular {  
  font-family: "Poppins", sans-serif;  
  font-weight: 400;  
  font-style: normal;  
}
```

```
.poppins-medium {  
  font-family: "Poppins", sans-serif;  
  font-weight: 500;  
  font-style: normal;  
}
```

```
.poppins-semibold {  
  font-family: "Poppins", sans-serif;  
  font-weight: 600;  
  font-style: normal;  
}
```

```
.poppins-bold {
```

```
font-family: "Poppins", sans-serif;  
font-weight: 700;  
font-style: normal;  
}
```

```
.poppins-extrabold {  
font-family: "Poppins", sans-serif;  
font-weight: 800;  
font-style: normal;  
}
```

```
.poppins-black {  
font-family: "Poppins", sans-serif;  
font-weight: 900;  
font-style: normal;  
}
```

```
.poppins-thin-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 100;  
font-style: italic;  
}
```

```
.poppins-extralight-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 200;  
font-style: italic;  
}
```

```
.poppins-light-italic {  
font-family: "Poppins", sans-serif;
```

```
font-weight: 300;  
font-style: italic;  
}
```

```
.poppins-regular-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 400;  
font-style: italic;  
}
```

```
.poppins-medium-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 500;  
font-style: italic;  
}
```

```
.poppins-semibold-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 600;  
font-style: italic;  
}
```

```
.poppins-bold-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 700;  
font-style: italic;  
}
```

```
.poppins-extrabold-italic {  
font-family: "Poppins", sans-serif;  
font-weight: 800;
```

```
font-style: italic;
}
```

```
.poppins-black-italic {
font-family: "Poppins", sans-serif;
font-weight: 900;
font-style: italic;
}
```

```
footer {
background-color: #264653;
color: white;
text-align: center;
padding: 15px 0; /* Define footer height */
position: relative;
bottom: 0;
width: 100%;
height: 60px; /* Set specific height for footer */
}
```

Backend:

```
<?php
```

```
include 'db_connect.php';
```

```
$sql = "SELECT * FROM orders";
```

```
$result = $conn->query($sql);
```

```
?>
```

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<!-- Your HTML head content here -->
```

```
</head>
```

```

<body>

<!-- Your HTML structure here -->

<section id="order-overview" class="section active-section">

    <h3>Order Overview</h3>

    <div class="input-group mb-3">

        <input type="text" id="search-bar" class="form-control" placeholder="Search by Order
ID">

        <div class="input-group-append">

            <button id="search-button" class="btn btn-primary">Search</button>

        </div>

    </div>

    <table id="orders-table" class="table table-striped">

        <thead>

            <tr>

                <th>Order ID</th>

                <th>Order Date</th>

                <th>Order Status</th>

                <th>Order Type</th>

            </tr>

        </thead>

        <tbody>

            <?php
            if ($result->num_rows > 0) {
                while($row = $result->fetch_assoc()) {
                    echo "<tr>";
                    echo "<td>" . $row["order_id"] . "</td>";
                    echo "<td>" . $row["order_date"] . "</td>";
                    echo "<td>" . $row["order_status"] . "</td>";
                    echo "<td>" . $row["order_type"] . "</td>";
                    echo "</tr>";
                }
            }
        </tbody>

    </table>


```

```

    } else {
        echo "<tr><td colspan='4'>No orders found</td></tr>";
    }
    $conn->close();
    ?>
</tbody>
</table>
</section>

<!-- Your footer and other content -->
</body>
</html>

```

Privacy policy:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Privacy Policy - Farming Management System</title>
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=Poppins:ital,wght@0,100;0,200;0,300;0,400;
0,500;0,600;0,700;0,800;0,900;1,100;1,200;1,300;1,400;1,500;1,600;1,700;1,800;1,900&displa
y=swap" rel="stylesheet">
    <link rel="stylesheet" href="privacy.css">
</head>
<body>
    <div class="container">
        <h1>Privacy Policy</h1>

```


Welcome to the **Farming Management System** privacy policy page. We respect your privacy and are committed to protecting your personal information. This privacy policy explains how we collect, use, and safeguard your data when you use our services.

1. Information We Collect

We collect the following types of information:

-

- Personal Information:** This includes your name, email address, phone number, and any other details you provide during account creation or use of our services.

- Usage Data:** Information about how you use our service, such as IP address, browser type, device information, and access times.

-

2. How We Use Your Information

We use the information we collect to:

-

- Provide, maintain, and improve our services.

- Personalize your experience with our system.

- Communicate with you regarding your account or our services.

- Ensure the security of our platform and prevent unauthorized access.

-

3. Data Security

We use industry-standard security measures to protect your data. However, no method of transmission over the internet or electronic storage is 100% secure. While we strive to use commercially acceptable means to protect your personal information, we cannot guarantee its absolute security.

4. Sharing Your Information

We do not sell, trade, or rent your personal information to others. We may share your data with third-party service providers who help us operate our system, provided they agree to keep this information confidential.

<h2>5. Your Data Rights</h2>

<p>You have the right to:</p>

Access and update your personal information.

Request the deletion of your data.

Withdraw your consent to data processing at any time.

<h2>6. Cookies</h2>

<p>We use cookies to enhance your experience on our website. You can control cookie settings in your browser, but disabling cookies may limit some functionalities of our system.</p>

<h2>7. Changes to This Policy</h2>

<p>We may update this privacy policy from time to time. If we make significant changes, we will notify you by email or by posting a notice on our website.</p>

<h2>8. Contact Us</h2>

<p>If you have any questions or concerns about this privacy policy, please contact us at:
support@farmingmanagement.com</p>

</div>

<div class="buttons">

<button id="decline">Decline</button>

<button id="accept">Accept</button>

</div>

<script src="privacy.js"></script>

</body>

</html>

styles:

```
*{  
  margin: 0;  
  padding: 0;  
  box-sizing: border-box;  
}
```

```
body{  
  font-family: Arial, sans-serif;  
  background-color: #f4f4f4;  
  color: #333;  
  padding: 20px;  
}
```

```
.container{  
  max-width: 900px;  
  margin: auto;  
  background: #fff;  
  padding: 20px;  
  border-radius: 8px;  
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);  
}
```

```
h1{  
  text-align: center;  
  margin-bottom: 20px;  
  color: #1a8a34;  
}
```

```
h2{  
  color: #1a8a34;  
  margin-top: 20px;
```

```
}
```

```
p, ul{  
  margin-bottom: 15px;  
  line-height: 1.6;  
}
```

```
ul{  
  list-style-type: square;  
}
```

```
.buttons{  
  display: flex;  
  justify-content: center;  
  margin-top: 20px;  
}
```

```
button{  
  padding: 10px 20px;  
  font-size: 16px;  
  margin: 5px;  
  border: none;  
  border-radius: 5px;  
  cursor: pointer;  
}
```

```
#accept{  
  background-color: #4CAF50;  
  color: white;  
}
```

```
#decline {  
  background-color: #f44336;  
  color: white;  
}  
  
button:hover {  
  opacity: 0.8;  
}  
  
.poppins-thin {  
  font-family: "Poppins", sans-serif;  
  font-weight: 100;  
  font-style: normal;  
}  
  
.poppins-extralight {  
  font-family: "Poppins", sans-serif;  
  font-weight: 200;  
  font-style: normal;  
}  
  
.poppins-light {  
  font-family: "Poppins", sans-serif;  
  font-weight: 300;  
  font-style: normal;  
}  
  
.poppins-regular {  
  font-family: "Poppins", sans-serif;  
  font-weight: 400;  
  font-style: normal;  
}
```

```
.poppins-medium {  
  font-family: "Poppins", sans-serif;  
  font-weight: 500;  
  font-style: normal;  
}
```

```
.poppins-semibold {  
  font-family: "Poppins", sans-serif;  
  font-weight: 600;  
  font-style: normal;  
}
```

```
.poppins-bold {  
  font-family: "Poppins", sans-serif;  
  font-weight: 700;  
  font-style: normal;  
}
```

```
.poppins-extrabold {  
  font-family: "Poppins", sans-serif;  
  font-weight: 800;  
  font-style: normal;  
}
```

```
.poppins-black {  
  font-family: "Poppins", sans-serif;  
  font-weight: 900;  
  font-style: normal;  
}
```

```
.poppins-thin-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 100;  
  font-style: italic;  
}
```

```
.poppins-extralight-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 200;  
  font-style: italic;  
}
```

```
.poppins-light-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 300;  
  font-style: italic;  
}
```

```
.poppins-regular-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 400;  
  font-style: italic;  
}
```

```
.poppins-medium-italic {  
  font-family: "Poppins", sans-serif;  
  font-weight: 500;  
  font-style: italic;  
}
```

```
.poppins-semibold-italic {
```

```
font-family: "Poppins", sans-serif;
font-weight: 600;
font-style: italic;
}
```

```
.poppins-bold-italic {
font-family: "Poppins", sans-serif;
font-weight: 700;
font-style: italic;
}
```

```
.poppins-extrabold-italic {
font-family: "Poppins", sans-serif;
font-weight: 800;
font-style: italic;
}
```

```
.poppins-black-italic {
font-family: "Poppins", sans-serif;
font-weight: 900;
font-style: italic;
}
```

Scripts:

```
document.getElementById("accept").addEventListener("click", function() {
    alert("You have accepted the privacy policy.");
    window.location.href = "../home/home.html"; // Redirect to the homepage
});
```

```
document.getElementById("decline").addEventListener("click", function() {
    alert("You have declined the privacy policy.");
});
```



```
    window.location.href = "../home/home.html"; // Redirect to a page explaining consequences
});
```

```
document.addEventListener('contextmenu', function(e) {
    e.preventDefault();
});
```

```
document.addEventListener('keydown',function(e)
{
if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {
    e.preventDefault();
}
});
```

Products:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Product Page</title>
```

```
    <link rel="stylesheet"
```

```
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css">
```

```
    <link rel="stylesheet"
```

```
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">
```

```
    <style>
```

```
        body {
```

```
            margin: 0;
```

```
            font-family: Arial, sans-serif;
```

```
        }
```

```
        .container-fluid {
```

```

        display: flex;
        min-height: 100vh;
    }

    /* Sidebar styling */
    .sidebar {
        width: 200px;
        height: 100vh;
        background-color: #00c04b;
        position: fixed;
        top: 0;
        left: 0;
        display: flex;
        flex-direction: column;

        padding: 20px;
        overflow-y: auto; /* Enable vertical scrollbar */
    }

    .sidebar h2 {
        text-align: center;
        color: #ecf0f1;
        background-color: #264653; /* Sidebar header background */
        padding: 15px; /* Padding for the title */
        border-radius: 10px; /* Rounded corners for the title */
        margin-bottom: 20px; /* Space below the title */
    }

    .sidebar ul {
        list-style-type: none;
        padding-left: 0;

```

```

}

.sidebar ul li {
    margin: 20px 0;
}

.sidebar ul li a {
    text-decoration: none; /* Remove underline */
    color: #495057; /* Default link color */
    display: block;
    padding: 12px 15px; /* Add padding for clickable area */
    background-color: white; /* Link background color */
    border-radius: 5px; /* Rounded corners for links */
    transition: background-color 0.3s, color 0.3s;
}

.sidebar ul li a.active {
    background-color: #16a085; /* Hover or active background color */
    color: white; /* Change text color on hover */
}

.sidebar ul li a:hover {
    background-color: #16a085; /* Hover or active background color */
    color: white; /* Change text color on hover */
}

/* Main content styling */
.product-page {
    margin-left: 250px;
    padding: 20px;
    width: calc(100% - 250px);

```

```
}
```

```
.header {  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
  margin-bottom: 30px;  
}
```

```
.header h1 {  
  margin: 0;  
}
```

```
.header .actions button {  
  margin-right: 10px;  
}
```

```
.product-info {  
  display: flex;  
  justify-content: space-between;  
  margin-bottom: 30px;  
}
```

```
.product-info .metric {  
  width: 30%;  
  padding: 20px;  
  background-color: #f8f9fa;  
  text-align: center;  
  border-radius: 5px;  
}
```

```
.product-table img {  
    width: 50px;  
    height: auto;  
}
```

```
.product-table {  
    width: 100%;  
    border-collapse: collapse;  
}
```

```
.product-table th, .product-table td {  
    padding: 10px;  
    text-align: left;  
}
```

```
.product-table th {  
    background-color: #f1f1f1;  
}
```

```
.product-table tr:nth-child(even) {  
    background-color: #f9f9f9;  
}
```

```
.product-table tr:hover {  
    background-color: #f1f1f1;  
}
```

```
.footer {  
    margin-top: 30px;  
    text-align: center;  
}
```

```

.footer a {
    text-decoration: none;
    color: #007bff;
}

.footer a:hover {
    text-decoration: underline;
}

.status.active {
    color: green;
}

.in-stock {
    color: green;
}

.out-of-stock {
    color: red;
}

.product-table {
    margin-top: 20px;
}

.more-action-btn {
    cursor: pointer;
}
</style>
</head>
<body>
<div class="container-fluid">

```

```

<!-- Sidebar -->
<div class="sidebar">
  <h2>FMS</h2>
  <ul>
    <li><a href="../admin login signup/admin_dashboard.html">Dashboard</a></li>
    <li><a href="../crops/index.html">Crops</a></li>
    <li><a href="../livestock/index.html">Livestock</a></li>
    <li><a href="../Fields/fields.html">Fields</a></li>
    <li><a href="../reports/reports.html">Reports</a></li>
    <li><a href="../inventory/index.html">Inventory</a></li>
    <li><a href="../order/index.html">Orders</a></li>
    <li><a href="../labour/labour.html">Labour</a></li>
    <li><a href="../products/product.html" class="active">Products</a></li>
  </ul>
</div>

<!-- Main Content -->
<div class="product-page">
  <header class="header">
    <h1>Products</h1>
    <div class="actions">
      <button class="btn btn-outline-secondary">Export</button>
      <button class="btn btn-outline-secondary">Import</button>
      <button class="btn btn-outline-secondary">More actions</button>
      <a href="../products/add-product..html" class="text-primary mb-3 d-block">< Add
product</a>

    </div>
  </header>

```

```

<table class="product-table table table-bordered">
  <thead>
    <tr>
      <th></th>
      <th>Product</th>
      <th>Status</th>
      <th>Inventory</th>
      <th>Sales channels</th>
      <th>Markets</th>
      <th>Category</th>
      <th>Type</th>
    </tr>
  </thead>
  <tbody id="productTableBody">
    <tr>
      <td><input type="checkbox"></td>
      <td> Cow</td>
      <td><span class="status active">Active</span></td>
      <td><span class="in-stock">5 in stock</span></td>
      <td>2</td>
      <td>2</td>
      <td>Beef</td>
      <td></td>
    </tr>
    <tr>
      <td><input type="checkbox"></td>
      <td> Egg plant</td>
      <td><span class="status active">Active</span></td>
      <td><span class="in-stock">1,000 in stock</span></td>
      <td>2</td>
      <td>2</td>

```



```

        <td>Eggplants</td>

        <td><button class="more-action" data-title="Product 1" data-description="Product
1 Description" data-price="100">More Action</button></td>

    </tr>

    <tr>

        <td></td>

    </tr>

    <tr>

        <td><input type="checkbox"></td>

        <td> Strawberries</td>

        <td><span class="status active">Active</span></td>

        <td><span class="out-of-stock">0 in stock</span></td>

        <td>2</td>

        <td>2</td>

        <td>Berries</td>

        <td></td>

    </tr>

    <tr>

        <td><input type="checkbox"></td>

        <td> Sweet Corn</td>

        <td><span class="status active">Active</span></td>

        <td><span class="in-stock">5 in stock</span></td>

        <td>2</td>

        <td>2</td>

        <td>Fresh & Frozen Vegetables</td>

        <td></td>

    </tr>

</tbody>

</table>

```

```
</div>
```

```
</div>
```

```
<script>
```

```
  // Function to load products from localStorage and display them
```

```
  function loadProducts() {
```

```
    // Get products from localStorage
```

```
    let products = JSON.parse(localStorage.getItem('products')) || [];
```

```
    // Find the table body where the products will be added
```

```
    const productTableBody = document.getElementById('productTableBody');
```

```
    // Clear any existing rows (if necessary)
```

```
    productTableBody.innerHTML = '';
```

```
    // Loop through the products and add them to the table
```

```
    products.forEach((product) => {
```

```
      const newRow = `<tr>
```

```
        <td>${product.title}</td>
```

```
        <td>${product.status}</td>
```

```
        <td>${product.inventory}</td>
```

```
        <td>${product.market}</td>
```

```
        <td>${product.category}</td>
```

```
        <td>${product.productType}</td>
```

```
      </tr>`;
```

```
      productTableBody.insertAdjacentHTML('beforeend', newRow);
```

```
    });
```

```
}
```

```
  // Call the loadProducts function when the page loads
```

```
  window.onload = loadProducts;
```

```

    // Function to load products from localStorage and display them
function loadProducts() {
    // Get products from localStorage
    let products = JSON.parse(localStorage.getItem('products')) || [];

    // Find the table body where the products will be added
    const productTableBody = document.getElementById('productTableBody');

    // Clear any existing rows (if necessary)
    productTableBody.innerHTML = "";

    // Loop through the products and add them to the table
    products.forEach((product) => {
        const newRow = `<tr>
            <td><input type="checkbox"></td>
            <td>${product.title}</td>
            <td><span class="status active">${product.status}</span></td>
            <td><span class="${parseInt(product.inventory) > 0 ? 'in-stock' : 'out-of-stock'}">${product.inventory} in stock</span></td>
            <td>${product.market}</td>
            <td>${product.market}</td>
            <td>${product.category}</td>
            <td>${product.productType}</td>
        </tr>`;
        productTableBody.insertAdjacentHTML('beforeend', newRow);
    });
}

// Call the loadProducts function when the page loads
window.onload = loadProducts;

```

```

</script>

<footer class="footer">

  <p class="translate" data-translate="footerText">&copy; 2024 FMS Inventory. All Rights
  Reserved.</p>

  <p class="translate" data-translate="contactUs">Contact us: <a
  href="mailto:support@example.com" class="translate" data-
  translate="supportEmail">support@example.com</a></p>

</footer>

</body>

</html>

```

Styles:

```

body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
  background-color: #f9f9f9;
}

.product-page {
  width: 80%;
  margin: 0 auto;
}

.header {
  display: flex;
  justify-content: space-between;
  align-items: center;
  padding: 20px;
  background-color: white;
  border-bottom: 1px solid #ddd;
}

```

```
.header h1 {  
    margin: 0;  
}
```

```
.actions button {  
    margin-left: 10px;  
    padding: 8px 12px;  
    border: none;  
    background-color: #e0e0e0;  
    border-radius: 4px;  
    cursor: pointer;  
}
```

```
.add-product {  
    background-color: #000;  
    color: white;  
}
```

```
.product-info {  
    display: flex;  
    justify-content: space-between;  
    background-color: white;  
    padding: 20px;  
    margin: 10px 0;  
    border: 1px solid #ddd;  
}
```

```
.metric {  
    display: flex;  
    flex-direction: column;
```

```
    align-items: center;
    padding: 10px;
}
```

```
.product-table {
    width: 100%;
    border-collapse: collapse;
    background-color: white;
}
```

```
.product-table th, .product-table td {
    padding: 15px;
    border: 1px solid #ddd;
    text-align: left;
}
```

```
.product-table th {
    background-color: #f1f1f1;
}
```

```
.product-table td img {
    width: 30px;
    height: 30px;
    margin-right: 10px;
}
```

```
.status.active {
    background-color: #28a745;
    color: white;
    padding: 5px 10px;
    border-radius: 15px;
}
```

```
}
```

```
.in-stock{  
    color: red;  
}
```

```
.out-of-stock{  
    color: red;  
}
```

```
.footer{  
    text-align: center;  
    padding: 10px;  
    background-color: white;  
    border-top: 1px solid #ddd;  
    margin-top: 20px;  
}
```

```
.footer a{  
    color: #007bff;  
}
```

```
body{  
    font-family: Arial, sans-serif;  
    background-color: #f9f9f9;  
    margin: 0;  
    padding: 0;  
}
```

```
.add-product-page{  
    width: 80%;
```

```
margin: 20px auto;
background-color: white;
padding: 20px;
border: 1px solid #ddd;
border-radius: 5px;
}
```

```
header a {
  font-size: 16px;
  color: #333;
  text-decoration: none;
}
```

```
.form-container {
  display: flex;
  justify-content: space-between;
  margin-top: 20px;
}
```

```
.left-section, .right-section {
  width: 48%;
}
```

```
.form-group {
  margin-bottom: 20px;
}
```

```
label {
  display: block;
  font-weight: bold;
  margin-bottom: 5px;
```



```
}
```

```
input[type="text"], textarea, select {  
  width: 100%;  
  padding: 10px;  
  border: 1px solid #ddd;  
  border-radius: 5px;  
  box-sizing: border-box;  
}
```

```
textarea {  
  resize: vertical;  
}
```

```
.media-upload {  
  display: flex;  
  justify-content: space-between;  
  align-items: center;  
}
```

```
.media-upload button {  
  padding: 8px 12px;  
  border: none;  
  background-color: #007bff;  
  color: white;  
  border-radius: 4px;  
  cursor: pointer;  
}
```

```
.media-upload p {  
  font-size: 12px;
```

```

    color: #888;
}

.pricing{
    display: flex;
    justify-content: space-between;
    gap: 10px;
}

.pricing input {
    width: 100px;
}

.publishing-options div {
    margin-bottom: 10px;
}

.publishing-options p {
    font-size: 12px;
    color: #888;
}

.form-group input[type="checkbox"]{
    margin-right: 10px;
}

body {
    font-family: Arial, sans-serif;
    padding: 20px;
}

```

```

h1, h2, h3 {
    margin: 10px 0;
}

.product-category, .product-meta, .search-engine-listing {
    margin-bottom: 20px;
}

.search-engine-listing p {
    margin: 5px 0;
}

input[type="text"] {
    padding: 5px;
    border: 1px solid #ccc;
    border-radius: 4px;
    width: 100%;
    box-sizing: border-box;
}

button {
    background-color: #007bff;
    color: white;
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}

button:hover {
    background-color: #0056b3;
}

.variant-section, .allergen-info, .dietary-pref {
    margin-top: 15px;
    border: 1px solid #ddd;
    padding: 10px;
}

```

```

    border-radius: 5px;
}
.variant-section span, .allergen-info button, .dietary-pref button {
    display: block;
    margin: 10px 0;
    font-size: 14px;
}
.small-text {
    color: #666;
    font-size: 12px;
}

```

Add-products:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Add Product</title>
    <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
    <style>
        body {
            background-color: #f8f9fa;
        }
        .sidebar {
            width: 200px;
            height: 100vh;
            background-color: #00c04b;
            position: fixed;
            top: 0;

```

```

left: 0;

display: flex;

flex-direction: column;

overflow-y: auto; /* Enable vertical scrollbar */


padding: 20px;
}

.sidebar h2 {
    text-align: center;
color: #ecf0f1;

background-color: #264653; /* Sidebar header background */
padding: 15px; /* Padding for the title */
border-radius: 10px; /* Rounded corners for the title */
margin-bottom: 20px; /* Space below the title */
}

.sidebar ul {
    list-style-type: none;
    padding-left: 0;
}

.sidebar ul li {
    margin: 20px 0;
}

.sidebar ul li a {
    text-decoration: none; /* Remove underline */
color: #495057; /* Default link color */

display: block;

padding: 12px 15px; /* Add padding for clickable area */
background-color: white; /* Link background color */
border-radius: 5px; /* Rounded corners for links */
transition: background-color 0.3s, color 0.3s;

```

```

}

.sidebar ul li a:hover {
    background-color: #16a085; /* Hover or active background color */
    color: white; /* Change text color on hover */
}

.sidebar ul li a.active {
background-color: #16a085; /* Hover or active background color */
color: white; /* Change text color on hover */
}

.main-content {
    margin-left: 260px; /* Leave space for the sidebar */
    padding: 20px; /* Add padding to the main content */
}

.add-product-page {
    background-color: white;
    padding: 20px;
    border: 1px solid #ddd;
    border-radius: 5px;
    margin-top: 20px;
}

.media-upload-preview {
    border: 1px solid #ddd;
    padding: 10px;
    margin-top: 10px;
    text-align: center;
}

.media-upload-preview img {
    max-width: 100%;
    height: auto;
}

.category-meta-container {

```

```

        border: 1px solid #ddd;
        padding: 15px;
        border-radius: 5px;
        margin-top: 20px;
    }

    .textarea-preview {
        margin-top: 20px;
    }

    .existing-products-table {
        margin-top: 20px;
    }
</style>
</head>
<body>
<div class="sidebar">
    <h2>FMS</h2>
    <ul>
        <li><a href="../admin login signup/admin_dashboard.html">Dashboard</a></li>
        <li><a href="../crops/index.html">Crops</a></li>
        <li><a href="../livestock/index.html">Livestock</a></li>
        <li><a href="../Fields/fields.html">Fields</a></li>
        <li><a href="../reports/reports.html">Reports</a></li>
        <li><a href="../inventory/index.html">Inventory</a></li>
        <li><a href="../order/index.html">Orders</a></li>
        <li><a href="../labour/labour.html">Labour</a></li>
        <li><a href="../karabp/product.html" class="active">Products</a></li>
    </ul>
</div>

<div class="main-content">
    <div class="container add-product-page">

```

```

<header>

  <a href="../products/product.html" class="text-primary mb-3 d-block">< product</a>

</header>


<form id="productForm">

  <div class="row">

    <div class="col-md-6">

      <div class="form-group">

        <label for="title">Title</label>

        <input type="text" class="form-control" id="title" value="Strawberries">

      </div>


      <div class="form-group">

        <label for="description">Description</label>

        <textarea id="description" class="form-control" rows="5"></textarea>

      </div>


      <div class="form-group">

        <label>Media</label>

        <div class="media-upload">

          <input type="file" class="form-control" id="uploadImage" accept="image/*">

        </div>

        <div class="media-upload-preview" id="mediaPreview">

          <p>No image uploaded</p>

        </div>

        <small class="form-text text-muted">Accepts images, videos, or 3D
models</small>

      </div>


      <div class="form-group">

        <label for="category">Category</label>

```



```

        <input type="text" id="category" class="form-control" placeholder="Category">
    </div>

    <div class="form-group">
        <label>Pricing</label>
        <div class="form-row">
            <div class="col">
                <input type="text" class="form-control" value="R 0.00" placeholder="Price">
            </div>
            <div class="col">
                <input type="text" class="form-control" value="R 0.00"
placeholder="Compare-at price">
            </div>
        </div>
        <div class="form-check mt-2">
            <input type="checkbox" class="form-check-input" id="chargeTax" checked>
            <label class="form-check-label" for="chargeTax">Charge tax on this
product</label>
        </div>
    </div>

    <div class="form-group">
        <label for="salesChannels">Sales Channels</label>
        <input type="text" class="form-control" id="salesChannels" placeholder="Sales
Channels">
    </div>

    <div class="variant-section">
        <h2>Variants</h2>
        <span class="small-text">Add options like size or color</span>
    </div>
</div>

```

```

<div class="col-md-6">
  <div class="form-group">
    <label for="status">Status</label>
    <select id="status" class="form-control">
      <option>Active</option>
      <option>Draft</option>
      <option>Archived</option>
    </select>
  </div>

  <div class="form-group">
    <label for="inventory">Inventory</label>
    <select id="inventory" class="form-control">
      <option value="In Stock">In Stock</option>
      <option value="Out of Stock">Out of Stock</option>
    </select>
  </div>

  <div class="form-group">
    <label for="productType">Type</label>
    <input type="text" class="form-control" id="productType" placeholder="Product
Type">
  </div>

  <div class="category-meta-container">
    <h2>Category metafields</h2>
    <label for="food-product-form">Food product form:</label>
    <input type="text" id="food-product-form" class="form-control" value="Fresh"
placeholder="Fresh" readonly>
    <div class="mt-2">

```

```

        <button type="button" class="btn btn-primary">Edit ✎ </button>

        <button type="button" class="btn btn-secondary">Save</button>

    </div>

</div>

<div class="textarea-preview">

    <h3>Search Engine Listing Preview</h3>

    <textarea id="seo-preview" class="form-control" rows="5" readonly></textarea>

</div>

</div>

<div class="form-group text-center">

    <button type="button" class="btn btn-success" onclick="addProduct()">Add
Product</button>

</div>

</form>

<div class="existing-products-table">

    <h3>Existing Products</h3>

    <table class="table table-bordered">

        <thead>

            <tr>

                <th>Select</th>

                <th>Title</th>

                <th>Status</th>

                <th>Inventory</th>

                <th>Sales Channels</th>

                <th>Markets</th>

                <th>Category</th>

                <th>Product Type</th>


```

```

        <th>Price</th>

    </tr>

</thead>

<tbody id="productsTableBody">

    <!-- Dynamic product rows will be inserted here -->

</tbody>

</table>

    <button type="button" class="btn btn-danger"
onclick="deleteSelectedProducts()">Delete Selected Products</button>

</div>

</div>

</div>

<script>

function addProduct() {

    const title = document.getElementById('title').value;

    const status = document.getElementById('status').value;

    const inventory = document.getElementById('inventory').value;

    const salesChannels = document.getElementById('salesChannels').value;

    const markets = ""; // Add markets input field if needed

    const category = document.getElementById('category').value;

    const productType = document.getElementById('productType').value;

    const price = document.querySelector('input[placeholder="Price"]').value;


    const productData = { title, status, inventory, salesChannels, markets, category,
productType, price };


    const existingProducts = JSON.parse(localStorage.getItem('products')) || [];

    existingProducts.push(productData);

    localStorage.setItem('products', JSON.stringify(existingProducts));

```

```

displayProducts();

document.getElementById('productForm').reset();
}

function deleteSelectedProducts() {
  const tableBody = document.getElementById('productsTableBody');
  const rows = tableBody.querySelectorAll('tr');
  const remainingProducts = [];

  rows.forEach((row, index) => {
    const checkbox = row.querySelector('input[type="checkbox"]');
    if (!checkbox.checked) {
      const productData = {
        title: row.cells[1].innerText,
        status: row.cells[2].innerText,
        inventory: row.cells[3].innerText,
        salesChannels: row.cells[4].innerText,
        markets: row.cells[5].innerText,
        category: row.cells[6].innerText,
        productType: row.cells[7].innerText,
        price: row.cells[8].innerText,
      };
      remainingProducts.push(productData);
    }
  });

  // Update localStorage with remaining products
  localStorage.setItem('products', JSON.stringify(remainingProducts));

  // Refresh the displayed table
  displayProducts();
}

```

```
}
```

```
function displayProducts() {  
  const products = JSON.parse(localStorage.getItem('products')) || [];  
  const tableBody = document.getElementById('productsTableBody');  
  tableBody.innerHTML = ""; // Clear existing rows
```

```
  products.forEach(product => {  
    const newRow = document.createElement('tr');  
    newRow.innerHTML = `  
      <td><input type="checkbox"></td>  
      <td>${product.title}</td>  
      <td>${product.status}</td>  
      <td>${product.inventory}</td>  
      <td>${product.salesChannels}</td>  
      <td>${product.markets}</td>  
      <td>${product.category}</td>  
      <td>${product.productType}</td>  
      <td>${product.price}</td>  
    `;  
    tableBody.appendChild(newRow);  
  });  
}
```

```
// Load existing products from localStorage on page load
```

```
window.onload = function() {  
  displayProducts();  
};
```

```
document.getElementById('uploadImage').addEventListener('change', function(event) {  
  const file = event.target.files[0];
```

```

const preview = document.getElementById('mediaPreview');

if (file) {
    const reader = new FileReader();
    reader.onload = function(e) {
        preview.innerHTML = ``;
    };
    reader.readAsDataURL(file);
}
});
</script>
</body>
</html>

```

Reports:

```

<!DOCTYPE html>
<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Farm Financial Report</title>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/Chart.js/3.7.0/chart.min.js"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/jspdf/2.4.0/jspdf.umd.min.js"></script>
    <!-- jsPDF library -->

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css">

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.bundle.min.js"></script>

    <style>

```

```

body {
    font-family: Arial, sans-serif;
    line-height: 1.6;
    color: #333;
    padding: 20px;
    background-image: url('./report.jpg'); /* Replace with your image URL */
    background-size: cover; /* Make the image cover the whole page */
    background-position: center; /* Center the background image */
    background-repeat: no-repeat; /* Ensure the image does not repeat */
}

h1, h2 {
    color: #2c3e50;
}

.chart-container {
    width: 100%;
    max-width: 600px;
    margin: 20px 0;
}

.table th, .table td {
    text-align: left;
}

#downloadBtn {
    margin: 20px 0;
}
</style>
</head>

```



```
<body>
```

```
<div class="container">
```

```
<h1 class="text-center my-4">Farm Financial Report</h1>
```

```
<!-- Download Button -->
```

```
<button id="downloadBtn" class="btn btn-primary">Download Report as PDF</button>
```

```
<div class="report-section card mb-4" id="reportContent">
```

```
<div class="card-body">
```

```
<h2 class="card-title">Expense Reports</h2>
```

```
<table class="table table-striped table-bordered mt-3" id="expenseTable">
```

```
<thead>
```

```
<tr>
```

```
<th>Category</th>
```

```
<th>Amount ($)</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>Seeds</td>
```

```
<td>5000</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Fertilizer</td>
```

```
<td>3000</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Equipment</td>
```

```
<td>10000</td>
```

```
</tr>
```

```

        <tr>

            <td>Labour</td>

            <td>15000</td>

        </tr>

    </tbody>

</table>

<div class="chart-container">

    <canvas id="expenseChart"></canvas>

</div>

</div>

</div>

<div class="report-section card mb-4">

    <div class="card-body">

        <h2 class="card-title">Revenue Reports</h2>

        <table class="table table-striped table-bordered mt-3" id="revenueTable">

            <thead>

                <tr>

                    <th>Source</th>

                    <th>Amount ($)</th>

                </tr>

            </thead>

            <tbody>

                <tr>

                    <td>Crop Sales</td>

                    <td>50000</td>

                </tr>

                <tr>

                    <td>Livestock</td>

                    <td>30000</td>

                </tr>

            </tbody>

        </table>

    </div>

</div>

```

```

        <tr>
            <td>Other</td>
            <td>5000</td>
        </tr>
    </tbody>
</table>
<div class="chart-container">
    <canvas id="revenueChart"></canvas>
</div>
</div>
</div>

<div class="report-section card mb-4">
    <div class="card-body">
        <h2 class="card-title">Profit & Loss Statement</h2>
        <table class="table table-striped table-bordered mt-3">
            <thead>
                <tr>
                    <th>Category</th>
                    <th>Amount ($)</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>Total Revenue</td>
                    <td>85000</td>
                </tr>
                <tr>
                    <td>Total Expenses</td>
                    <td>33000</td>
                </tr>
            </tbody>
        </table>
    </div>
</div>

```

```

        <tr>
            <td><strong>Net Profit</strong></td>
            <td><strong>52000</strong></td>
        </tr>
    </tbody>
</table>
</div>
</div>

```

```

<div class="report-section card mb-4">
    <div class="card-body">
        <h2 class="card-title">Yield Reports</h2>
        <table class="table table-striped table-bordered mt-3">
            <thead>
                <tr>
                    <th>Crop</th>
                    <th>Yield (tons)</th>
                    <th>Input Cost ($)</th>
                    <th>Yield per $ Input</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <td>Corn</td>
                    <td>500</td>
                    <td>10000</td>
                    <td>0.05</td>
                </tr>
                <tr>
                    <td>Wheat</td>
                    <td>300</td>

```

```

        <td>8000</td>

        <td>0.0375</td>

    </tr>

</tbody>

</table>

</div>

</div>

```

```

<div class="report-section card mb-4">

    <div class="card-body">

        <h2 class="card-title">Labour Reports</h2>

        <table class="table table-striped table-bordered mt-3">

            <thead>

                <tr>

                    <th>Task</th>

                    <th>Hours Worked</th>

                    <th>Cost ($)</th>

                </tr>

            </thead>

            <tbody>

                <tr>

                    <td>Planting</td>

                    <td>200</td>

                    <td>4000</td>

                </tr>

                <tr>

                    <td>Harvesting</td>

                    <td>300</td>

                    <td>6000</td>

                </tr>

                <tr>

```

```

        <td>Maintenance</td>

        <td>250</td>

        <td>5000</td>

    </tr>

</tbody>

</table>

</div>

</div>

</div>

```

```

<script>
    // Expense Chart

    const expenseCtx = document.getElementById('expenseChart').getContext('2d');
    new Chart(expenseCtx, {
        type: 'pie',
        data: {
            labels: ['Seeds', 'Fertilizer', 'Equipment', 'Labour'],
            datasets: [{
                data: [5000, 3000, 10000, 15000],
                backgroundColor: ['#ff6384', '#36a2eb', '#ffce56', '#4bc0c0']
            }]
        },
        options: {
            responsive: true,
            plugins: {
                title: {
                    display: true,
                    text: 'Expense Breakdown'
                }
            }
        }
    }
}

```

```

});

// Revenue Chart
const revenueCtx = document.getElementById('revenueChart').getContext('2d');
new Chart(revenueCtx, {
  type: 'bar',
  data: {
    labels: ['Crop Sales', 'Livestock', 'Other'],
    datasets: [{
      label: 'Revenue',
      data: [50000, 30000, 5000],
      backgroundColor: ['#36a2eb', '#ffce56', '#4bc0c0']
    }]
  },
  options: {
    responsive: true,
    plugins: {
      title: {
        display: true,
        text: 'Revenue Sources'
      }
    },
    scales: {
      y: {
        beginAtZero: true
      }
    }
  }
});

```

```

// Download report as PDF

```

```

document.getElementById('downloadBtn').addEventListener('click', function () {

    const { jsPDF } = window.jspdf;

    const doc = new jsPDF();

    // Add the report title
    doc.text('Farm Financial Report', 20, 20);

    // Convert HTML table to PDF
    doc.autoTable({ html: '#expenseTable', startY: 30 });
    doc.autoTable({ html: '#revenueTable', startY: doc.lastAutoTable.finalY + 10 });

    // Save the PDF
    doc.save('farm-financial-report.pdf');

});
</script>
</body>

</html>

```

Terms and condition:

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Terms and Conditions</title>
    <link rel="stylesheet" href="tnc.css">
</head>
<body>
    <div id="terms-modal" class="modal">
        <div class="modal-content">

```



```

<span id="close-btn" class="close-btn">&times;</span>

<h2>Terms and Conditions</h2>

<div class="terms-text">

  <p>Welcome to Farming Management System...</p>

  <h3>1. Introduction</h3>

  <p>These terms and conditions govern your use of this website; by using this website,
you accept these terms and conditions in full...</p>

  <h3>2. Intellectual Property Rights</h3>

  <p>Unless otherwise stated, Farming Management System and/or its licensors own the
intellectual property rights published on this website and materials used on this website...</p>

  <h3>3. Restrictions</h3>

  <p>You are specifically restricted from all of the following...</p>

  <h3>4. Limitation of Liability</h3>

  <p>Farming Management System, nor any of its officers, directors, and employees, be
liable to you for anything arising out of or in any way connected with your use of this
website...</p>

  <h3>5. Indemnification</h3>

  <p>You hereby indemnify to the fullest extent Farming Management System from and
against any and/or all liabilities, costs, demands, causes of action, damages and expenses
arising in any way related to your breach of any of the provisions of these Terms...</p>

</div>

<div class="modal-buttons">

  <button id="accept-btn">Accept</button>

  <button id="decline-btn">Decline</button>

</div>

</div>

</div>

<script src="tnc.js"></script>

</body>

</html>

```

Styles:

```

body {
  font-family: Arial, sans-serif;

```

```
margin: 0;
padding: 0;
}

.modal{
  display: flex;
  justify-content: center;
  align-items: center;
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  height: 100%;
  background-color: rgba(0, 0, 0, 0.5);
  z-index: 1000;
}

.modal-content {
  background-color: white;
  padding: 20px;
  border-radius: 5px;
  width: 80%;
  max-width: 800px;
  position: relative;
}

.close-btn {
  position: absolute;
  top: 10px;
  right: 10px;
  font-size: 20px;
```

```
    cursor: pointer;
}
```

```
.terms-text {
    max-height: 400px;
    overflow-y: auto;
    margin-bottom: 20px;
}
```

```
.modal-buttons {
    text-align: right;
}
```

```
.modal-buttons button {
    padding: 10px 20px;
    border: none;
    border-radius: 5px;
    cursor: pointer;
    font-size: 16px;
}
```

```
#accept-btn {
    background-color: #007BFF;
    color: white;
}
```

```
#decline-btn {
    background-color: #dc3545;
    color: white;
    margin-left: 10px;
}
```

```
.hidden {  
  display: none;  
}
```

```
.content {  
  padding: 20px;  
}
```

Scripts:

```
document.addEventListener('DOMContentLoaded', () => {  
  const termsModal = document.getElementById('terms-modal');  
  const acceptBtn = document.getElementById('accept-btn');  
  const declineBtn = document.getElementById('decline-btn');  
  const closeBtn = document.getElementById('close-btn');  
  const content = document.getElementById('content');  
  
  // Show the modal on page load  
  termsModal.style.display = 'flex';  
  
  // Accept button click event  
  acceptBtn.addEventListener('click', () => {  
    window.location.href = "../signup/signup.html";  
    termsModal.style.display = 'none';  
    content.classList.remove('hidden');  
  });  
  
  // Decline button click event  
  declineBtn.addEventListener('click', () => {  
    window.location.href = "../signup/signup.html"; // Redirect to another page or exit  
  });  
});
```

```

// Close button click event
closeBtn.addEventListener('click', () => {
    termsModal.style.display = 'none';
    content.classList.remove('hidden');
});
});

document.addEventListener('contextmenu', function(e) {
    e.preventDefault();
});

document.addEventListener('keydown',function(e)
{
if (e.ctrlkey && (e.key === 'u' || e.key === 's' )) {
    e.preventDefault();
}
});
Weather:
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Weather Card</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="card">
        <div class="search-bar">
            <input id="cityInput" type="text" placeholder="Enter city name">

```

```

        <button id="searchButton"></button>
    </div>

    <div id="weatherInfo" class="weather-info">

        <h2 id="temperature">Temperature</h2>

        <h3 id="cityName">City Name</h3>

        <div class="details" style="display: flex; justify-content: space-between;">
    <div>

        <p id="humidity">Humidity: --%</p>
    </div>

    <div>

        <p id="windSpeed">Wind: -- km/h</p>
    </div>
</div>

    </div>

    </div>

    <script src="script.js"></script>
</body>
</html>

```

Scripts:

```

document.addEventListener('DOMContentLoaded', () => {
    const searchButton = document.getElementById('searchButton');
    searchButton.addEventListener('click', getWeather);
});

const getWeather = async () => {

```

```

const city = document.getElementById('cityInput').value;

const apiKey = "7fb67ad64f374b0a9b045815240409"; // New API key from WeatherAPI

const apiUrl =
`https://api.weatherapi.com/v1/current.json?key=${apiKey}&q=${city}&aqi=no`;

try {
  const response = await fetch(apiUrl);

  if (!response.ok) throw new Error("City not found");

  const data = await response.json();

  // Update DOM with weather data
  document.getElementById('cityName').innerText = data.location.name;
  document.getElementById('temperature').innerText = `${data.current.temp_c}°C`;
  document.getElementById('humidity').innerText = `Humidity: ${data.current.humidity}%`;
  document.getElementById('windSpeed').innerText = `Wind: ${data.current.wind_kph}
km/h`;

  // Map weather condition to local icon
  const condition = data.current.condition.text.toLowerCase();
  const iconMapping = {
    'clear': 'clear.png',
    'clouds': 'clouds.png',
    'drizzle': 'drizzle.png',
    'mist': 'mist.png',
    'rain': 'rain.png',
    'snow': 'snow.png'
  };

  // Use default icon if condition is not found
  const iconFile = iconMapping[condition] || 'clear.png';

```

```

        document.getElementById('weatherIcon').src = `/images/${iconFile}`;

        document.querySelector('.weather-info').style.display = 'block';
    } catch (error) {
        alert(error.message);
    }
}

```

Styles:

** Main Card Styling */*

```

.card {
    background: linear-gradient(145deg, #6a82fb, #fc5c7d);
    border-radius: 20px;
    padding: 30px;
    box-shadow: 0px 15px 30px rgba(0, 0, 0, 0.2);
    text-align: center;
    max-width: 300px;
    width: 100%; /* Adjusted to make the card responsive */
    color: #fff;
}

```

/ Search Bar Styling */*

```

.search-bar {
    display: flex;
    justify-content: space-between;
    margin-bottom: 20px;
}

```

```

.search-bar input {
    flex: 1;
    padding: 10px;
}

```



```

border: none;

border-radius: 10px 0 0 10px;

outline: none;

font-size: 16px;
}

.search-bar button {
    background-color: #ff77e9;

    border: none;

    padding: 10px;

    border-radius: 0 10px 10px 0;

    cursor: pointer;

    transition: background-color 0.3s ease;
}

.search-bar button img {
    margin-top: 60%;

    width: 20px;

    height: 20px;
}

.search-bar button:hover {
    background-color: #ff4adf;
}

/* Weather Image Styling */
.card img {
    width: 100px;

    height: 100px;

    margin-bottom: 15px;
}

```

```

/* City Name Styling */
.card h3{
    font-size: 30px;
    font-weight: 700;
    margin-bottom: 20px;
    letter-spacing: 2px;
    text-transform: uppercase;
    text-shadow: 2px 2px 4px rgba(0, 0, 0, 0.3);
    position: relative;
}

.card h3::after{
    content: "";
    display: block;
    width: 50px;
    height: 3px;
    background-color: #fff;
    margin: 10px auto 0;
    border-radius: 5px;
}

/* Additional Info Styling */
.card .details{
    display: flex;
    flex-direction: row; /* Changed to column for vertical layout */
    align-items: center;
    margin-top: 20px 10px;
    justify-content: space-between;
}

```

```
.card .details img {
    width: 25px;
    height: 25px;
    margin-bottom: 5px;
}
```

```
.card .details p {
    margin: 0;
    font-size: 15px;
    font-weight: 600;
    text-shadow: 1px 1px 2px rgba(0, 0, 0, 0.2);
}
```

```
.card .details span {
    font-size: 14px;
    color: #e0e0e0;
    font-weight: 400;
}
```

Database

```
CREATE TABLE users (
    id INT(6) UNSIGNED AUTO_INCREMENT PRIMARY KEY,
    username VARCHAR(50) NOT NULL,
    email VARCHAR(50) NOT NULL UNIQUE,
    password VARCHAR(255) NOT NULL,
    role ENUM('user', 'admin') NOT NULL,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```

```
CREATE TABLE inquiries (
```

```

id INT AUTO_INCREMENT PRIMARY KEY,
name VARCHAR(100) NOT NULL,
email VARCHAR(100) NOT NULL,
subject VARCHAR(255) NOT NULL,
message TEXT NOT NULL,
created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);

```

<!-- Table for storing crop information

```

CREATE TABLE crops (
    id INT AUTO_INCREMENT PRIMARY KEY,
    crop_name VARCHAR(255) NOT NULL,
    field VARCHAR(255) NOT NULL,
    seeds_quantity INT NOT NULL,
    start_date DATE NOT NULL,
    end_date DATE NOT NULL,
    status VARCHAR(50) NOT NULL,
    image_url VARCHAR(255),
    notes TEXT,
    last_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE
    CURRENT_TIMESTAMP
);
-->

```

```

<INSERT INTO crops (crop_name, field, seeds_quantity, start_date, end_date, status,
image_url, notes)

```

```

VALUES

```

```

('Corn', 'Field A', 25, '2024-09-15', '2024-09-30', 'Harvested', 'corn.png', 'Harvest completed
successfully'),

```

```

('Wheat', 'Field B', 50, '2024-08-10', '2024-08-25', 'Pending', 'wheat.png', 'Growing process
ongoing');

```

```
SELECT * FROM crops;
```

```
-->
```

```
CREATE TABLE fields (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    field_name VARCHAR(100) NOT NULL,  
    area_acres INT NOT NULL,  
    crops_or_stock TEXT NOT NULL,  
    status ENUM('Active', 'Inactive') DEFAULT 'Active',  
    image_url VARCHAR(255),  
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP  
);
```

```
-- Insert sample field data
```

```
INSERT INTO fields (field_name, area_acres, crops_or_stock, status, image_url)
```

```
VALUES
```

```
('Livestock', 100, 'Cows, Goats, Sheep, Chickens', 'Active', 'livestock.png'),
```

```
('Vegetables', 50, 'Spinach, Potatoes, Pumpkin, Carrots, Tomatoes', 'Active',  
'AdobeStock_782145907_Preview(1).jpeg'),
```

```
('Fruits', 50, 'Mangos, Oranges, Apples, Lemons, Watermelons', 'Active', 'fruits.png');
```

```
-- Create inventory table
```

```
CREATE TABLE inventory (  
    id INT AUTO_INCREMENT PRIMARY KEY,  
    item_name VARCHAR(255) NOT NULL,  
    category VARCHAR(255) NOT NULL,  
    quantity INT NOT NULL,  
    unit VARCHAR(50),  
    status ENUM('Available', 'Out of Stock', 'Discontinued') DEFAULT 'Available',  
    last_updated TIMESTAMP DEFAULT CURRENT_TIMESTAMP ON UPDATE  
    CURRENT_TIMESTAMP
```

);

```
INSERT INTO inventory (item_name, category, quantity, unit, status)
```

```
VALUES
```

```
('Wheat Seeds', 'Crops', 100, 'kg', 'Available'),
```

```
('Tractor', 'Equipment', 5, 'pcs', 'Available'),
```

```
('Cow Feed', 'Livestock', 50, 'kg', 'Out of Stock');
```

```
CREATE TABLE livestock (
```

```
    id INT AUTO_INCREMENT PRIMARY KEY,
```

```
    rfid VARCHAR(255) NOT NULL,
```

```
    type VARCHAR(255) NOT NULL,
```

```
    breed VARCHAR(255) NOT NULL,
```

```
    birth_date DATE NOT NULL,
```

```
    age INT NOT NULL,
```

```
    health_status ENUM('Good', 'Fair', 'Unhealthy') DEFAULT 'Good',
```

```
    last_checkup DATE,
```

```
    next_vaccine DATE,
```

```
    image_path VARCHAR(255),
```

```
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
```

```
);
```

```
INSERT INTO livestock (rfid, type, breed, birth_date, age, health_status, last_checkup,
```

```
next_vaccine, image_path)
```

```
VALUES
```

```
('RFID001', 'Sheep', 'Dorper', '2025-09-12', 20, 'Good', '2000-10-15', '2078-10-20', 'Sheepy.jpg'),
```

```
('RFID002', 'Pig', 'Duroc', '2025-09-12', 10, 'Good', '2000-10-15', '2078-10-20', 'piggy.jpg'),
```

```
('RFID003', 'Chicken', 'Leghorn', '2025-09-12', 10, 'Fair', '2000-10-15', '2078-10-20', 'chick.jpg'),
```

```
('RFID004', 'Horse', 'Mustang', '2025-09-12', 15, 'Unhealthy', '2000-10-15', '2078-10-20',
```

```
'mustang.jpg');
```

```
CREATE TABLE orders (
```

```
order_id INT AUTO_INCREMENT PRIMARY KEY,  
order_date DATE NOT NULL,  
order_status VARCHAR(50) NOT NULL,  
order_type VARCHAR(50) NOT NULL  
);
```

```
CREATE TABLE customers (  
customer_id INT AUTO_INCREMENT PRIMARY KEY,  
name VARCHAR(255) NOT NULL,  
contact_details VARCHAR(255) NOT NULL,  
shipping_address VARCHAR(255) NOT NULL  
);
```

```
CREATE TABLE order_items (  
item_id INT AUTO_INCREMENT PRIMARY KEY,  
order_id INT,  
item_name VARCHAR(255) NOT NULL,  
item_description VARCHAR(255),  
quantity INT NOT NULL,  
unit_price DECIMAL(10, 2) NOT NULL,  
total_price DECIMAL(10, 2) NOT NULL,  
FOREIGN KEY (order_id) REFERENCES orders(order_id)  
);
```

```
CREATE TABLE payment_details (  
payment_id INT AUTO_INCREMENT PRIMARY KEY,  
order_id INT,  
total_cost DECIMAL(10, 2),  
vat DECIMAL(10, 2),  
payment_status VARCHAR(50),  
payment_method VARCHAR(50),
```

```

    invoice_number VARCHAR(50),
    FOREIGN KEY (order_id) REFERENCES orders(order_id)
);

CREATE TABLE additional_info (
    info_id INT AUTO_INCREMENT PRIMARY KEY,
    order_id INT,
    order_notes TEXT,
    order_history TEXT,
    FOREIGN KEY (order_id) REFERENCES orders(order_id)
);

-- Create a new database
CREATE DATABASE farm_management;

-- Switch to the new database
USE farm_management;

-- Table for Product Categories
c

-- Table for Products
CREATE TABLE products (
    id INT AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(255) NOT NULL,
    description TEXT,
    price DECIMAL(10, 2) NOT NULL,
    image_url VARCHAR(255),
    category_id INT,
    FOREIGN KEY (category_id) REFERENCES product_categories(id)
);

-- Table for Testimonials

```



```

CREATE TABLE testimonials (
    id INT AUTO_INCREMENT PRIMARY KEY,
    customer_name VARCHAR(255) NOT NULL,
    content TEXT,
    customer_role VARCHAR(255)
);

-- Insert some sample categories
INSERT INTO product_categories (name, description, image_url) VALUES
('Machinery', 'Modern tractors and automated harvesters', 'machinery.jpeg'),
('Farm Software', 'Track farm operations with precision tools', 'software.jpeg'),
('IoT Solutions', 'Soil moisture sensors and weather monitors', 'iot_solutions.jpeg'),
('Fertilizers & Pesticides', 'Eco-friendly fertilizers to boost crop yield', 'fertilizers.jpeg'),
('Irrigation Systems', 'Smart irrigation systems for water efficiency', 'irrigation.jpeg');

-- Insert some sample products
INSERT INTO products (name, description, price, image_url, category_id) VALUES
('Automatic Harvester', 'Automated harvester for optimized yields', 10000.00, 'harvester.jpeg',
1),
('GPS Tracker for Crops', 'Real-time GPS tracking for farm operations', 2500.00,
'gps_tracker.jpeg', 2),
('Soil Moisture Sensor', 'Monitor soil moisture levels with accuracy', 500.00, 'soil_sensor.jpeg',
3);

-- Insert some sample testimonials
INSERT INTO testimonials (customer_name, content, customer_role) VALUES
('Sarah', 'Using their farm management software has revolutionized the way I track crop health.
It\'s a game-changer!', 'Wheat Farmer'),
('Tshepang Ngulube', 'Their smart tractors saved me hours of manual labor!', 'Corn Farmer');

CREATE TABLE expenses (

```

```
id INT AUTO_INCREMENT PRIMARY KEY,  
category VARCHAR(255) NOT NULL,  
amount DECIMAL(10, 2) NOT NULL  
);
```

```
-- Create the `revenues` table
```

```
CREATE TABLE revenues (  
id INT AUTO_INCREMENT PRIMARY KEY,  
source VARCHAR(255) NOT NULL,  
amount DECIMAL(10, 2) NOT NULL  
);
```

```
-- Create the `yield_reports` table
```

```
CREATE TABLE yield_reports (  
id INT AUTO_INCREMENT PRIMARY KEY,  
crop VARCHAR(255) NOT NULL,  
yield DECIMAL(10, 2) NOT NULL,  
input_cost DECIMAL(10, 2) NOT NULL,  
yield_per_input DECIMAL(10, 4) NOT NULL  
);
```

```
-- Create the `labour_reports` table
```

```
CREATE TABLE labour_reports (  
id INT AUTO_INCREMENT PRIMARY KEY,  
task VARCHAR(255) NOT NULL,  
hours_worked DECIMAL(10, 2) NOT NULL,  
cost DECIMAL(10, 2) NOT NULL  
);
```

```
-- Insert sample expenses
```

```
INSERT INTO expenses (category, amount) VALUES
```

```
('Seeds', 5000),  
('Fertilizer', 3000),  
('Equipment', 10000),  
('Labour', 15000);
```

```
-- Insert sample revenues
```

```
INSERT INTO revenues (source, amount) VALUES
```

```
('Crop Sales', 50000),  
('Livestock', 30000),  
('Other', 5000);
```

```
-- Insert sample yield reports
```

```
INSERT INTO yield_reports (crop, yield, input_cost, yield_per_input) VALUES
```

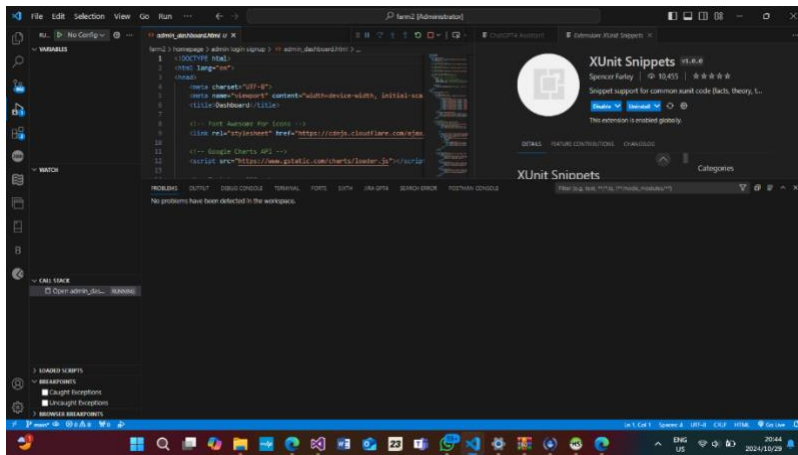
```
('Corn', 500, 10000, 0.05),  
('Wheat', 300, 8000, 0.0375);
```

```
-- Insert sample labour reports
```

```
INSERT INTO labour_reports (task, hours_worked, cost) VALUES
```

```
('Planting', 200, 4000),  
('Harvesting', 300, 6000),  
('Maintenance', 250, 5000);
```

5.3 Testing:



Here's a draft for your farming management system testing report:-

Testing Report for Farming Management System**

Prepared by: Lebogang Mamabolo

Date: [25 October 2024]

1. Introduction

The purpose of this report is to document the testing results for the Farming Management System. The testing focused on functionality, responsiveness, and the overall performance of various critical pages within the system. The tested components include the Sign-Up page, Register page, Inventory page, Orders page, Product page, Crops page, and Livestock page. Additionally, the Chatbot page and API functionalities were tested to assess their readiness and responsiveness.

Testing was conducted using PHPUnit with particular emphasis on login, registration, and the system's overall performance in handling data entries and retrieval.

2. Testing Summary

2.1 Pages Successfully Tested

Sign-Up Page:

The Sign-Up page was tested for all critical functionalities, including data validation, response times, and accuracy in account creation. The page performed well under various input scenarios, successfully capturing and storing user data.

Register Page:

The Register page functioned as expected, with validation features confirming the entry of complete and accurate information. Users were able to register seamlessly, with all required data saved to the database without errors.

Inventory Page:

The Inventory page successfully displayed current inventory data, and all CRUD (Create, Read, Update, Delete) operations were verified for functionality. The page responded well to updates in real-time, with proper validation of data entries and adjustments.

Orders Page:

Testing on the Orders page confirmed that it correctly processes new orders, updates existing ones, and handles order cancellations efficiently. The page was responsive, and there were no errors encountered during testing.

Product Page:

The Product page allowed for the addition, updating, and removal of products. Tests confirmed that all product-related data was accurately displayed and modified as expected, and the page performed well under heavy usage conditions.

Crops Page:

The Crops page was tested for displaying crop data, and it managed entries and edits efficiently. Data was accurately saved and displayed in real-time, with no delays or errors reported.

Livestock Page:

The Livestock page also functioned well, allowing for complete management of livestock data. Users could add, edit, and delete entries without issue, and all operations were handled accurately by the database.

2.2 Pages Not Functioning as Expected

Chatbot Page:

The Chatbot page did not function as anticipated. Testing revealed that the page either failed to respond to inputs or did not initiate the expected conversations with users. This page requires further debugging and testing to meet functional standards.

API Integration:

The API integration also encountered challenges. API calls failed to retrieve data or update information on several occasions, possibly due to connectivity or configuration issues. Additional investigation is required to resolve these issues and enable the API to function as intended.

3. Testing Outcome and Next Steps

Based on the tests conducted, it is confirmed that the core pages—Sign-Up, Register, Inventory, Orders, Product, Crops, and Livestock—are functional and meet the requirements for their intended purposes. However, the Chatbot page and API integration require further development to ensure system-wide functionality.

4. Conclusion

Testing for the Farming Management System has been completed. While most components performed well, the Chatbot and API need additional debugging. Once these issues are addressed, the project will be ready to proceed to the deployment phase for user testing.

Status: Project ready to go for testing.

5.4 System Testing:

Farming Management System (FMS) - System Test Plan

1. Test Overview

1.1 Purpose

This test plan outlines the systematic approach for testing the Farming Management System to ensure it meets all specified requirements and functions reliably in a production environment.

1.2 Scope

- End-to-end testing of all system modules
- Integration testing between components
- Performance testing under expected load
- Security testing of sensitive features

2. Test Environments

2.1 Hardware Requirements

- Development Servers
- Workstations for testing team
- IoT devices (Arduino/Raspberry Pi with sensors)

2.2 Software Requirements

- Frontend: HTML, CSS, JavaScript, React.js, PHP, Figma.
- Backend: Node.js/Express.js or Python, MySQL, PHP.
- Mobile Platform: React Native
- IoT Integration: MQTT, Arduino/Raspberry Pi for sensors
- Hosting: PHP My Admin
- System Testing: xunit

3. Test Cases

3.1 Crop Management Module

1. Crop Planning Test

- Verify crop rotation planning functionality
- Test yield forecasting using historical data
- Validate planting schedule creation

2. Crop Monitoring Test

- Verify crop health tracking
- Test growth stage monitoring
- Validate harvest time predictions

3.2 Livestock Management Module

1. Animal Tracking Test

- Verify individual animal health record management
- Test breeding history tracking
- Validate production statistics recording

2. Livestock Health Test

- Verify health status updates
- Test vaccination schedule management
- Validate disease outbreak alerts

3.3 Financial Management Module

1. Forecasting Test

- Verify budget creation functionality
- Test financial projections accuracy
- Validate expense tracking

2. Profitability Analysis Test

- Verify crop profitability calculations
- Test field-wise profit analysis
- Validate ROI calculations

3.4 Inventory Management Module

1. *Equipment Management Test*

- Verify equipment maintenance scheduling
- Test cost tracking functionality
- Validate equipment usage logs

2. *Product Inventory Test*

- Verify stock level tracking
- Test inventory alerts
- Validate storage management

3.5 Data Analytics Module

1. *Reporting Test*

- Verify custom report generation
- Test data visualization accuracy
- Validate export functionality

2. *Analysis Test*

- Verify trend analysis capabilities
- Test pattern recognition
- Validate predictive analytics

4. Security Testing

4.1 Authentication Tests

- User login/logout functionality
- Password security requirements
- Session management

4.2 Authorization Tests

- Role-based access control
- Data access permissions
- Feature access restriction

4.3 Data Security Tests

- Data encryption in transit and at rest
- Backup and recovery procedures
- Audit trail functionality

5. Performance Testing

5.1 Load Testing

- Concurrent user access (minimum 100 users)
- Database query performance
- Report generation speed

5.2 Stress Testing

- System behaviour under peak load
- Recovery from crashes
- Resource utilization monitoring

6. Integration Testing

6.1 IoT Integration

- Sensor data collection
- Real-time monitoring
- Alert system functionality

6.2 Third-party Integration

- Weather service integration
- Payment gateway integration
- External database connections

7. User Acceptance Testing

7.1 Farmer Interface

- Usability testing with farmers

- Mobile app functionality
- Dashboard effectiveness

7.2 Administrative Interface

- System configuration
- User management
- System monitoring tools

8. Test Deliverables

- Test cases documentation
- Test execution reports
- Bug tracking and resolution reports
- Performance test results
- Security audit reports
- User acceptance test results

9. Testing Schedule

- Start Date: August 19, 2024
- End Date: 25 October, 2024
- Duration: 10 weeks

10. Risk Analysis and Mitigation

10.1 Testing Risks

- Data corruption during testing
- System downtime impact
- Integration failures
- Performance bottlenecks

10.2 Mitigation Strategies

- Regular data backups
- Staged testing approach
- Automated testing tools

- Performance monitoring

11. Exit Criteria

- All critical and high-priority tests passed
- No critical or high-severity bugs pending
- Performance requirements met
- Security requirements satisfied
- User acceptance testing completed
- All documentation finalized

5.5 Installation:

Farming Management System (FMS) Installation Guide

Prerequisites:

- Minimum 8GB RAM
- 50GB free disk space
- Windows 10/11 or MacOS (for XAMPP) / Windows only (for LARAGON)
- Internet connection for downloading components

A. XAMPP Installation Method

1. XAMPP Setup

1. Download XAMPP

- Visit <https://www.apachefriends.org/>
- Download XAMPP version 8.2.4 or later
- Choose options:
 - Apache
 - MySQL
 - PHP
 - phpMyAdmin

2. Install XAMPP

- Run the installer as administrator
- Choose installation directory (default: C:\xampp)
- Select all components
- Complete installation
- Start XAMPP Control Panel

3. Verify Installation

- Start Apache and MySQL services
- Open browser and navigate to <http://localhost>
- Check phpMyAdmin at <http://localhost/phpmyadmin>

2. FMS Database Setup

1. Create Database

- Open phpMyAdmin
- Create new database named 'fms_db'
- Import provided SQL file:
sql
fms_database_structure.sql
fms_initial_data.sql

2. Configure Database Connection

- Navigate to project configuration
- Update database credentials in .env file:

```
DB_CONNECTION=mysql  
DB_HOST=127.0.0.1  
DB_PORT=3306  
DB_DATABASE=fms_db  
DB_USERNAME=root  
DB_PASSWORD=
```

3. FMS Application Setup

1. Clone Repository

```
bash  
cd C:\xampp\htdocs  
git clone [repository-url]  
cd farming-management-system
```

2. Install Dependencies

```
bash  
composer install  
npm install
```

3. Configure Environment

```
bash
```

```
cp .env.example .env
```

```
php artisan key:generate
```

4. Build Assets

```
bash
```

```
npm run dev
```

B. LARAGON Installation Method

1. LARAGON Setup

1. Download Laragon

- Visit <https://laragon.org/>
- Download Laragon Full version
- Choose 64-bit version

2. Install Laragon

- Run installer as administrator
- Choose installation directory (default: C:\laragon)
- Select components:
 - Apache
 - MySQL
 - PHP
 - Node.js
 - npm

3. Verify Installation

- Start Laragon
- Check services are running
- Visit <http://localhost>

2. FMS Database Setup

1. Create Database

- Right-click Laragon tray icon
- Select MySQL → HeidiSQL
- Create new database 'fms_db'
- Import SQL files:
 - sql
 - fms_database_structure.sql
 - fms_initial_data.sql

2. Configure Database Connection

- Update .env file:
 - DB_CONNECTION=mysql
 - DB_HOST=127.0.0.1
 - DB_PORT=3306
 - DB_DATABASE=fms_db
 - DB_USERNAME=root
 - DB_PASSWORD=

3. FMS Application Setup

1. Clone Repository

```
bash
cd C:\laragon\www
git clone [repository-url]
cd farming-management-system
```

2. Install Dependencies

```
bash
composer install
npm install
```


3. Configure Environment

bash

cp .env.example .env

php artisan key:generate

4. Build Assets

bash

npm run dev

Post-Installation Steps

1. System Configuration

1. Configure Apache Virtual Hosts
2. Set up SSL certificates if needed
3. Configure file permissions

2. Initial System Setup

1. Create admin account
2. Configure system settings
3. Import initial data

3. Testing Installation

1. Run system tests

bash

php artisan test

2. Verify all modules:

- Crop Management
- Livestock Management
- Financial Management
- Inventory Management
- Labor Management

- Analytics

Troubleshooting Common Issues

1. Database Connection Issues

- Verify MySQL service is running
- Check database credentials
- Confirm port availability

2. Permission Issues

- Check folder permissions
- Verify user access rights
- Review log files

3. Component Installation Problems

- Clear cache and temporary files
- Verify system requirements
- Check error logs

Security Considerations

1. Initial Security Setup

- Change default passwords
- Configure firewall rules
- Set up SSL/TLS

2. Access Control

- Set up user roles
- Configure file permissions
- Enable security features

Maintenance

1. Regular Updates

- Update XAMPP/Laragon components
- Keep dependencies current
- Apply security patches

2. Backup Procedures

- Configure automated backups
- Test restore procedures
- Document backup location