

Sprint 1

Team ID	PNT2022TMID03825
Project Name	Inventory Management System For Retailers

Home Page:



Sign Up Page:

Home SignIn **SignUp**

Please Register your details

User name

Email address

Password

Contact number

Company Name

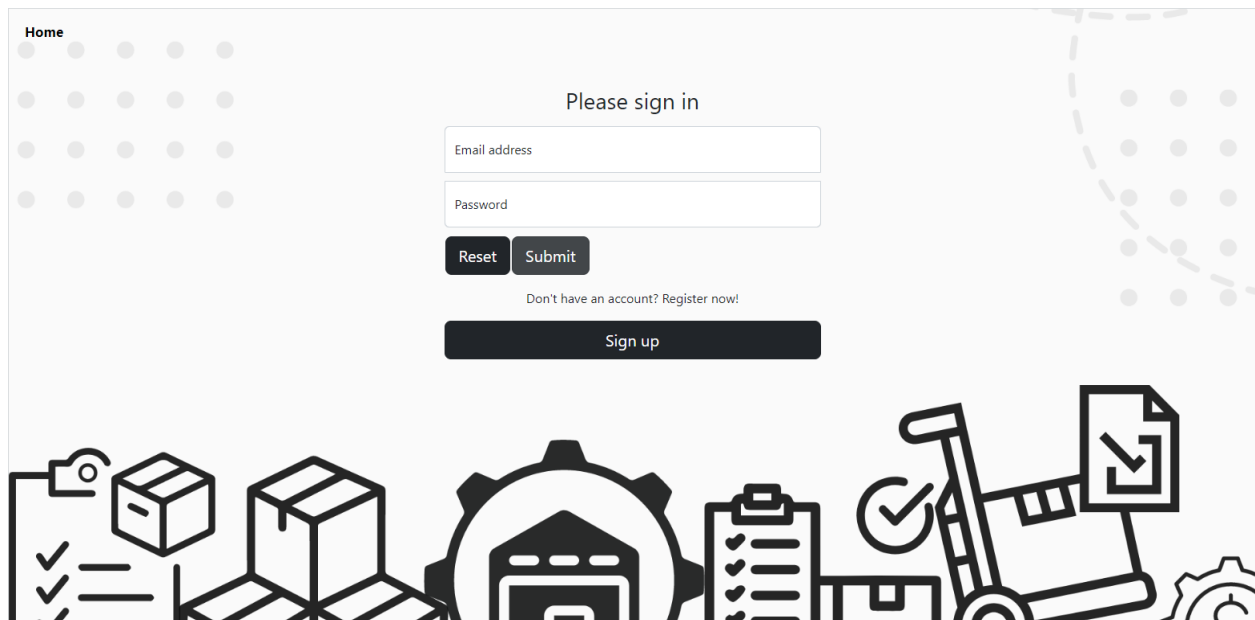
Company Location

[Reset](#) [Submit](#)

[Already Existing User?](#) [Sign In](#)

The Sign Up page features a navigation bar with links for Home, SignIn, and SignUp. The main content area contains a registration form with the following fields: User name, Email address, Password, Contact number, Company Name, and Company Location. Below the form are buttons for Reset and Submit. At the bottom of the form, there are links for "Already Existing User?" and "Sign In". The background of the page is a light gray with a pattern of small dots. At the bottom of the page, there is a large, stylized illustration of a warehouse or retail store, featuring various boxes, a magnifying glass, and a shopping cart.

Sign In Page:



A mockup of a sign-in page. At the top left, there is a 'Home' link and a decorative grid of dots. The main heading is 'Please sign in'. Below it are two input fields: 'Email address' and 'Password'. Under the password field are 'Reset' and 'Submit' buttons. Below these is a link: 'Don't have an account? Register now!'. At the bottom is a large 'Sign up' button. The background features a faint grid of dots and a row of icons at the bottom: a clipboard with a checkmark, two boxes, a gear, a house, a clipboard with a checklist, a truck, and a document with a checkmark.

CODE:

Home.html

```
home.html X
templates > home.html > ...
1  <!doctype html>
2  <html lang="en">
3
4  <head>
5    <meta charset="utf-8">
6    <meta name="viewport" content="width=device-width, initial-scale=1">
7    <title>IMSFR</title>
8    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-Zenh87qX5JnK21l0vwa8C"
9    <link rel="canonical" href="https://getbootstrap.com/docs/5.2/examples/navbar-static/">
10   <link href="/static/css/index.css" rel="stylesheet">
11 </head>
12
13 <body>
14   <nav class="navbar navbar-expand-md navbar-light bg-transparent mb-4">
15     <div class="container-fluid">
16       <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarCollapse"
17         aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle navigation">
18         <span class="navbar-toggler-icon"></span>
19       </button>
20       <div class="collapse navbar-collapse" id="navbarCollapse">
21         <ul class="navbar-nav me-auto mb-2 mb-md-0">
22           <li class="nav-item active">
23             <a style="color: black; font-size: 17px; font-weight: 700; font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;" class="n
24             </li>
25           <li class="nav-item">
26             <a style="color: black; font-size: 17px; font-weight: 700; font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; padding-l
27             </li>
28           <li class="nav-item">
29             <a style="color: black; font-size: 17px; font-weight: 700; font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; padding-l
30             </li>
31         </ul>
32       </div>
33     </div>
34   </nav>
35
36   <div class="text-center">
37     <h2>Please sign in</h2>
38     <div>
39       <input type="text" value="Email address">
40       <input type="password" value="Password">
41     </div>
42     <div>
43       <button>Reset</button>
44       <button>Submit</button>
45     </div>
46     <a href="#">Don't have an account? Register now!</a>
47     <button>Sign up</button>
48   </div>
49
50   <div>
51     <img alt="Decorative icons: clipboard, boxes, gear, house, clipboard, truck, document" data-bbox="116 280 884 402"/>
52   </div>
53 </body>
54 </html>
```

```

18 |         <span class="navbar-toggler-icon"></span>
19 |     </button>
20 |     <div class="collapse navbar-collapse" id="navbarCollapse">
21 |         <ul class="navbar-nav me-auto mb-2 mb-md-0">
22 |             <li class="nav-item active">
23 |                 <a style="color: □black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;" class="n
24 |             </li>
25 |             <li class="nav-item">
26 |                 <a style="color: □black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; padding-l
27 |             </li>
28 |             <li class="nav-item">
29 |                 <a style="color: □black; font-size: 17px; font-weight: 700; font-family:'Segoe UI', Tahoma, Geneva, Verdana, sans-serif; padding-l
30 |             </li>
31 |         </ul>
32 |     </div>
33 | </div>
34 | </nav>
35 |
36 | <main role="main" class="container">
37 |     <div class="jumbotron">
38 |         <h1>Servo-IN</h1>
39 |         <p class="lead"><b>From us to you!!</b></p>
40 |     </div>
41 | </main>
42 |
43 | <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"
44 |     integrity="sha384-OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbws3"
45 |     crossorigin="anonymous"></script>
46 | </body>
47 |
48 | </html>|

```

Signup.html

```

<? signup.html x
templates > <? signup.html > ...
1 | <!doctype html>
2 | <html lang="en">
3 |
4 | <head>
5 |     <meta charset="utf-8">
6 |     <meta name="viewport" content="width=device-width, initial-scale=1">
7 |     <title>IMSFR</title>
8 |     <!-- <link rel="canonical" href="https://getbootstrap.com/docs/5.2/examples/sign-in/" -->
9 |     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
10 |         integrity="sha384-Zenh87qX5JnK2J10vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy98v1WTRI" crossorigin="anonymous">
11 |     <style>
12 |         .bd-placeholder-img {
13 |             font-size: 1.125rem;
14 |             text-align: middle;
15 |             -webkit-user-select: none;
16 |             -moz-user-select: none;
17 |             user-select: none;
18 |         }
19 |
20 |         @media (min-width: 768px) {
21 |             .bd-placeholder-img-lg {
22 |                 font-size: 3.5rem;
23 |             }
24 |         }
25 |
26 |         .b-example-divider {
27 |             height: 3rem;
28 |             background-color: □rgba(0, 0, 0, .1);
29 |             border: solid □rgba(0, 0, 0, .15);
30 |             border-width: 1px 0;
31 |             box-shadow: inset 0 .5em 1.5em □rgba(0, 0, 0, .1), inset 0 .125em .5em □rgba(0, 0, 0, .15);
32 |         }

```

```
signup.html X
templates > signup.html > html > head
34 .b-example-vr {
35   flex-shrink: 0;
36   width: 1.5rem;
37   height: 100vh;
38 }
39
40 .bi {
41   vertical-align: -.125em;
42   fill: currentColor;
43 }
44
45 .nav-scroller {
46   position: relative;
47   z-index: 2;
48   height: 2.75rem;
49   overflow-y: hidden;
50 }
51
52 .nav-scroller .nav {
53   display: flex;
54   flex-wrap: nowrap;
55   padding-bottom: 1rem;
56   margin-top: -1px;
57   overflow-x: auto;
58   text-align: center;
59   white-space: nowrap;
60   -webkit-overflow-scrolling: touch;
61 }
62 </style>
63 <link href="/static/css/signup.css" rel="stylesheet">
64 </head>
65
```

Signin.html

```
signin.html X
templates > signin.html > ...
1 <!doctype html>
2 <html lang="en">
3
4 <head>
5   <meta charset="utf-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1">
7   <title>IMSFR</title>
8   <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
9     integrity="sha384-Zenh87qX5JnK21l0vWNa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy98v1WTRi" crossorigin="anonymous">
10   <!-- <link rel="canonical" href="https://getbootstrap.com/docs/5.2/examples/sign-in/" -->
11   <style>
12     .bd-placeholder-img {
13       font-size: 1.125rem;
14       text-align: middle;
15       -webkit-user-select: none;
16       -moz-user-select: none;
17       user-select: none;
18     }
19
20     @media (min-width: 768px) {
21       .bd-placeholder-img-lg {
22         font-size: 3.5rem;
23       }
24     }
25
26     .b-example-divider {
27       height: 3rem;
28       background-color: rgba(0, 0, 0, .1);
29       border: solid rgba(0, 0, 0, .15);
30       border-width: 1px 0;
31       box-shadow: inset 0 .5em 1.5em rgba(0, 0, 0, .1), inset 0 .125em .5em rgba(0, 0, 0, .15);
32     }
33
```

```
signin.html X
templates > > signin.html > html > body > div.form-signin.w-100.m-auto.text-center > form > table > tr > div.form-floating
68 <nav class="navbar navbar-expand-md navbar-light bg-transparent mb-4">
69 <div class="container-fluid">
70 <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarCollapse"
71 aria-controls="navbarCollapse" aria-expanded="false" aria-label="Toggle navigation">
72 <span class="navbar-toggler-icon"></span>
73 </button>
74 <div class="collapse navbar-collapse" id="navbarCollapse">
75 <ul class="navbar-nav me-auto mb-2 mb-md-0">
76 <li class="nav-item active">
77 <a style="color: black; font-size: 17px; font-weight: 700; font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;" clas
78 </li>
79 </ul>
80 </div>
81 </div>
82 </nav>
83 <div class="form-signin w-100 m-auto text-center">
84 <form method="POST">
85 <h1 class="h3 mb-3 fw-normal">Please sign in</h1>
86 <table>
87 <tr>
88 <div class="form-floating">
89 <input type="email" class="form-control" name="email" id="email" placeholder="name@example.com" required>
90 <label for="email">Email address</label>
91 </div>
92 </tr>
93 <tr>
94 <div class="form-floating">
95 <input type="password" class="form-control" name="password" id="password" placeholder="Password" required>
96 <label for="password">Password</label>
97 </div>
98 </tr>
99 </table>
```

App.py

```
1 from app import app
2 from flask import request, redirect, url_for, render_template, session
3 import os
4 os.add_dll_directory(r"C:\Users\dhharshini\AppData\Local\Programs\Python\Python311\Lib\site-packages\clidriver\bin\")
5 os.add_dll_directory(r"C:\Users\dhharshini\AppData\Local\Programs\Python\Python311\Lib\site-packages\clidriver\bin\icc64\")
6 import ibm_db
7
8 from sendGrid import mailto, checkstatus
9
10 conn = ibm_db.connect("DATABASE=bludb;HOSTNAME=fbd88901-ebdb-4a4f-a32e-9822b9fb237b.clogj3sd0tgtu0lqde00.databases.appdomain.cloud;PORT=32731;SEI
11
12 @app.route("/")
13 def home():
14     return render_template("home.html", title="Home")
15
16
17 @app.route("/signin", methods=('POST', 'GET'))
18 def signin():
19     error = None
20     if request.method == 'POST':
21         email = request.form['email']
22         password = request.form['password']
23
24         sql = "SELECT username FROM users WHERE password = '{0}' AND email = '{1}'".format(password, email)
25         stmt = ibm_db.exec_immediate(conn, sql)
26         fetchUser = ibm_db.fetch_assoc(stmt)
27         if fetchUser == False:
28             error = "Incorrect Username/Password."
29
30     if error is None:
31         user = fetchUser["USERNAME"]
32         session['loggedin'] = True
```

```

26     fetchUser = ibm_db.fetch_assoc(stmt)
27     if fetchUser == False:
28         error = "Incorrect Username/Password."
29
30     if error is None:
31         user = fetchUser["USERNAME"]
32         session['loggedIn'] = True
33         session['id'] = user
34         session['email'] = email
35         return redirect(url_for('.dashboard', username=user))
36     return render_template('signin.html', title='Sign In', error=error)
37
38
39 @app.route("/signup", methods=('POST', 'GET'))
40 def signup():
41     if request.method == 'POST':
42         username = request.form['username']
43         email = request.form['email']
44         password = request.form['password']
45         contact = request.form['contact']
46         companyname = request.form['companyname']
47         companylocation = request.form['companylocation']
48         checkUser = "SELECT * FROM users WHERE username = '{0}'".format(username)
49         stmt = ibm_db.exec_immediate(conn, checkUser)
50         findUser = ibm_db.fetch_assoc(stmt)
51         if findUser == False:
52             sql = "INSERT INTO users (email, username, password, contact, companyname, companylocation) VALUES ('{0}', '{0}', '{0}', '{0}', '{0}', '{0}')"
53             ibm_db.exec_immediate(conn, sql)
54             return render_template('home.html', title="Home", message="Registration Successful")
55         return render_template("signup.html", title="Sign Up", error="Username already exists.")
56
57

```