Login Page

1. <!DOCTYPE html> and <html lang="en">

* Declares HTML5 document, lang="en" specifies English language for accessibility and SEO.

1. <head> Section
   * Key Elements:

|  |  |
| --- | --- |
| **Tag/Attribute** | **Purpose** |
| <meta charset="UTF-8"> | Sets character encoding to UTF-8 (supports all characters). |
| <meta name="viewport"...> | Ensures responsive design on mobile. |
| <title> | Title shown in the browser tab: "👻 Login |
| <link href="bootstrap.min.css"> | Imports Bootstrap 5 CSS from CDN. |
| <link href="bootstrap-icons.css"> | Imports Bootstrap Icons (e.g., user icon). |
| <link rel="stylesheet" href="./CSS/style.css"> | Loads your custom styles. |

1. <body class="bg-dark text-light">
   * Sets background color to dark and text color to light using Bootstrap utility classes — perfect for the spooky "UrbanShadows" theme.
2. Navbar Section (<nav>)

|  |  |
| --- | --- |
| **Element** | **Description** |
| .navbar-expand-lg | Expands navbar on large screens. |
| .sticky-top | Keeps navbar fixed at the top. |
| 👻 UrbanShadows | Brand title (non-clickable currently). |
| Toggle Button | Shows hamburger menu on small screens. |
| .dropdown | Users dropdown with links to Login and Create New User. |
| .bi classes | Use Bootstrap Icons (e.g., person-circle, plus-circle). |
| About Us link | Navigates to a static about page. |

1. Main Content Area (Login Form)

**Container and Card:**

|  |  |
| --- | --- |
| **Class/Tag** | **Purpose** |
| .container py-5 | Adds padding and centers the content. |
| .card.bg-secondary.text-light.shadow-lg | A styled card with gray background and white text. |
| <h3> | Card header: Login icon + title. |

1. Form Block

|  |
| --- |
| <form action="./Home\_page.html" method="get"> |

**Purpose**: On submission, user is redirected to Home\_page.html.

|  |
| --- |
| <!DOCTYPE html>  <html lang="en">  <head>  <meta charset="UTF-8">  <meta name="viewport" content="width=device-width, initial-scale=1">  <title>Home | UrbanShadows</title>  <link rel="icon" type="image/x-icon" href="./Images/favicon.ico">  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">  <link href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.10.5/font/bootstrap-icons.css" rel="stylesheet">  <link rel="stylesheet" href="./CSS/style.css">  </head> |

* Declares the HTML5 document type. It tells the browser to render the page using the latest HTML standard.
* Opens the root <html> element.
* lang="en" specifies that the language of the document is English. This is useful for accessibility and SEO.
* The <head> tag contains meta-information and resources the browser needs to load before rendering the body (like styles, title, character encoding, etc.).
* Sets the character encoding to UTF-8, ensuring that most characters from all languages are displayed correctly.
* Ensures responsive design by making the page scale correctly on all devices. It sets the width of the page to the device's width and sets the initial zoom level to 1.
* Sets the title of the webpage (shown in browser tab) to "Home | UrbanShadows".
* Sets a favicon (the small icon shown in browser tabs). It uses the favicon.ico file stored in the Images directory.

|  |
| --- |
| <!-- Navbar -->  <nav class="navbar navbar-expand-lg sticky-top">  <div class="container">  <a class="navbar-brand" href="./Home\_page.html">👻 UrbanShadows</a>  <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav"  aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">  <span class="navbar-toggler-icon" style="filter: invert(1);"></span>  </button>  <div class="collapse navbar-collapse" id="navbarNav">  <ul class="navbar-nav ms-auto">  <li class="nav-item"><a class="nav-link" href="./Urban\_legends\_gallery.html"><i class="bi bi-fire"></i> Urban  Legends</a></li>  <li class="nav-item"><a class="nav-link" href="./Scary\_stories\_gallery.html"><i class="bi bi-images"></i>  Scary Stories</a></li>  <li class="nav-item"><a class="nav-link" href="./Blog\_user.html"><i class="bi bi-chat-dots"></i> Blogs</a>  </li>  <li class="nav-item dropdown">  <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown">  <i class="bi bi-person-circle"></i> Users  </a>  <ul class="dropdown-menu dropdown-menu-end">  <li><a class="dropdown-item" href="./change\_password.html"><i class="bi bi-plus-circle"></i> Change Password</a>  </li>  <li><a class="dropdown-item" href="./index.html"><i class="bi bi-pencil"></i> Lou Out</a></li>  </ul>  </li>  </ul>  </div>  </div>  </nav> |

<nav class="navbar navbar-expand-lg sticky-top">

* Creates a Bootstrap navbar.
* navbar: Base class for Bootstrap navbars.
* navbar-expand-lg: Makes the navbar responsive. On screens smaller than large (lg), it collapses into a hamburger menu.
* sticky-top: Makes the navbar stick to the top when scrolling.

|  |
| --- |
| <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav"  aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">  <span class="navbar-toggler-icon" style="filter: invert(1);"></span>  </button> |

* A button for toggling the navbar on small devices.
* data-bs-toggle="collapse" and data-bs-target="#navbarNav" link this button to the collapsible part of the navbar.
* aria-\* attributes improve accessibility.
* The style="filter: invert(1);" inverts the hamburger icon color — useful on dark backgrounds.

|  |
| --- |
| <div class="collapse navbar-collapse" id="navbarNav"> |

* This is the collapsible section of the navbar that will be shown/hidden on toggle.

|  |
| --- |
| <ul class="navbar-nav ms-auto"> |

* navbar-nav: Bootstrap class for the navigation list.
* ms-auto: Automatically adds left margin, pushing items to the right.

|  |
| --- |
| <li class="nav-item dropdown">  <a class="nav-link dropdown-toggle" href="#" role="button" data-bs-toggle="dropdown">  <i class="bi bi-person-circle"></i> Users  </a> |

* A dropdown button labeled Users, with a user icon 👤.
* Uses data-bs-toggle="dropdown" to enable dropdown functionality.

<section class="container pb-5">

* Defines a section of the page, wrapped in a Bootstrap container for proper padding and layout.
* pb-5: Adds padding-bottom (5 units) to create space below the section.

<h2 class="section-title">🔥 Featured Scary Stories</h2>

* A section heading styled with a custom class section-title (likely defined in your CSS).
* Includes a fire emoji (🔥) for dramatic, spooky effect.

<div class="row g-4">

* Starts a Bootstrap grid row with g-4, which adds spacing (gutters) between columns.
* The stories will be arranged in responsive columns.

<div class="col-sm-12 col-md-6 col-lg-4">

* ull width (12 columns) on small devices,
* Half width (6 columns) on medium,
* One-third width (4 columns) on large screens.

<div class="card story-card h-100">

* Bootstrap card component.
* story-card: Likely a **custom class** to style the story cards (like background, border, etc.).
* h-100: Makes all cards the same **height** within the row.

Blog page

|  |
| --- |
| function likePost(postId) {  const likeCountElement = document.getElementById(`likeCount${postId}`);  let count = parseInt(likeCountElement.textContent);  likeCountElement.textContent = count + 1;  } |

**🧠 What it does:**

* When a user clicks the **"Like"** button, this function increases the like count by 1.

**🧩 How it works:**

1. **Find the element** by its ID:  
   Example: If postId = 1, it finds the element with ID likeCount1.
2. **Reads the current number of likes** using .textContent.
3. **Converts** the text to a number using parseInt().
4. **Increments** the number by 1.
5. **Updates** the element’s text to show the new like count.

|  |
| --- |
| function toggleComments(commentId) {  const commentBox = document.getElementById(commentId);  commentBox.classList.toggle("d-none");  } |

**What it does:**

* **Shows or hides** the comment section when the "Comment" button is clicked.

**🧩 How it works:**

1. Gets the comment box by its ID.  
   Example: If commentId = 'comments1', it selects the <div id="comments1">.
2. Uses .classList.toggle("d-none") to:
   * **Remove** the d-none class if it's there → making the comment box visible.
   * **Add** the d-none class if it's not there → hiding the comment box.

When this button is clicked:

|  |
| --- |
| <button class="btn btn-outline-danger btn-like" onclick="likePost(1)">❤️ Like (<span id="likeCount1">0</span>)</button> |

* likePost(1) is called → increases likeCount1.

When this button is clicked:

|  |
| --- |
| <button class="btn btn-outline-light btn-comment" onclick="toggleComments('comments1')">💬 Comment</button> |

* toggleComments('comments1') is called → shows or hides the comment section with id="comments1".

**Summary:**

* likePost(postId) → Adds +1 to the like count for a specific blog post.
* toggleComments(commentId) → Toggles visibility of the comment section.

✅ Overall Structure

<div class="container py-5">

* container: Bootstrap layout container that centers and adds horizontal padding.
* py-5: Adds vertical padding (p = padding, y = top & bottom, 5 = large spacing).

<div class="row justify-content-center">

* row: Bootstrap grid row to align child columns.
* justify-content-center: Centers content horizontally within the row.

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

* col-md-6: Column takes 6 out of 12 grid columns on medium screens (≥768px) and up.
* This ensures the form is centered and not too wide on larger screens.

✅ Card Component

<div class="card bg-secondary text-light shadow-lg">

* card: Bootstrap component for a boxed layout.
* bg-secondary: Applies a gray background (Bootstrap's secondary color).
* text-light: Makes the text color light/white.
* shadow-lg: Adds a large drop shadow for elevation.

✅ Card Body and Title

<div class="card-body">

<h3 class="card-title text-center mb-4"><i class="bi bi-plus-circle"></i> Create New User</h3>

* card-body: Wrapper for card content.
* card-title: Title styling inside a card.
* text-center: Centers the text horizontally.
* mb-4: Adds bottom margin to space the title from the form.
* <i class="bi bi-plus-circle"></i>: Bootstrap Icons *used* for visual styling (a “plus” circle icon).*used* for visual styling (a “plus” ci

✅ Form Elements

<form> ... </form>

Standard HTML form to input user data.

🔹 Each Input Block:

<div class="mb-3">

<label for="..." class="form-label">...</label>

<input ... class="form-control white-placeholder" ... />

</div>

* mb-3: Adds bottom margin between form fields.
* form-label: Styles the <label> properly above the input.
* form-control: Applies consistent Bootstrap styling to input fields (rounded borders, padding, full width).
* white-placeholder: Likely a custom CSS class to make placeholder text white (not part of Bootstrap).
* required: Ensures input is mandatory (HTML5 form validation).

Inputs included:

* Username
* Email
* Password
* Confirm Password

✅ Submit Button

<div class="d-grid">

<button type="submit" class="btn btn-danger">

<i class="bi bi-person-check"></i> Register

</button>

</div>

* d-grid: Turns the container into a CSS grid, allowing the button to stretch full width.
* btn btn-danger: Bootstrap red button.
* <i class="bi bi-person-check"></i>: Bootstrap icon for "user with checkmark".

✅ Footer Text

<p class="text-center mt-3">

Already have an account? <a href="./index.html" class="text-warning">Login</a>

</p>

* text-center: Centers the paragraph.
* mt-3: Adds top margin.
* text-warning: Applies Bootstrap’s yellow/orange color to the link text for emphasis.

border-radius: 10px;

margin-bottom: 40px;

}

🔷 Footer

css

Copy

Edit

footer {

background-color: #2a2a2a;

padding: 30px 0;

text-align: center;

color: #ccc;

}

footer a {

color: #ccc;

text-decoration: none;

margin: 0 10px;

}

footer a:hover {

color: #ff4c4c;

}

🔷 Responsive Design (Media Queries)

css

Copy

Edit

@media (max-width: 768px) {

.hero h1 {

font-size: 2rem;

}

...

}

@media (max-width: 576px) {

.story-img {

height: 160px;

}

...

}

@media: CSS for specific screen sizes.

Helps adapt layout on tablets, phones, etc.

🔷 Form Controls & Comments

css

Copy

Edit

.form-control {

background-color: #3a3a3a;

border: none;

color: #fff;

}

.comment-box {

background-color: #1f1f1f;

border: 1px solid #444;

}

.white-placeholder::placeholder {

color: white;

}

::placeholder: styles placeholder text.

form-control: customized dark input field.

comment-box: custom text area appearance.

🔷 Buttons

css

Copy

Edit

.btn-like,

.btn-comment {

margin-right: 10px;

}

Adds spacing between like/comment buttons.

🔷 Miscellaneous

css

Copy

Edit

.container {

max-width: 1140px; /\* Limits content width \*/

}

.about-section {

background-color: #2a2a2a;

padding: 40px;

border-radius: 12px;

}

.highlight {

color: #ff4c4c;

}

Would you like a printable PDF or flashcard-style summary for quick review before your mock?