**PROJECT**

**E-Commerce Web Page**

**Introduction to Communication and Technology**

**Sir Taha Khan**

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# **Report**

**Overview**:

The Jannati Store website is a visually appealing and functional webpage showcasing a garments store. It features a modern design with well-organized sections, making it user-friendly and accessible. The website integrates various components to enhance user experience and functionality. It includes different pages whose description are discussed in detail in this report.

**1-MAIN PAGE:**

### *Features*:

1. **Header and Navigation Bar:**
   * The header prominently displays the store's name, "Jannati Store", and includes a visually clear logo.
   * The navigation bar contains links to the Home, Men Section, and Kids Section for easy site navigation.
   * The navigation bar is interactive and helps users switch between different sections smoothly.
2. **Slider:**
   * The webpage incorporates an **automatic image slider** that displays images of featured products dynamically and enhancing web looks.
   * Images in the slider highlight various garments for men and kids, drawing attention to the products on offer.
3. **Background and Visual Design:**
   * A vibrant background images have been uploaded, providing a lively and professional appearance to the website.
   * High-quality images enhance the store's branding and product display.
4. **Featured Products Section:**
   * A dedicated section showcasing three types of garments.
   * Clear, highlighted images of products with a clean layout, emphasizing the focus on men’s and kids’ wear.
5. **Footer:**
   * The footer contains essential contact information, including:
     + Email: jannati@garments.com
     + Contact number: 03122424245
     + Address: Street M7, Plot 23, Malir Halt, Karachi
   * Copyright notice: "© 2024 Garments Store. All Rights Reserved."
   * It ensures a professional touch and allows visitors to get in touch or visit the physical store location.

## **2-MEN’S AND KIDS PAGE:**

### *Features*:

1. **Header and Navigation Bar:**
   * The header prominently displays the store's name, "Jannati Store".
   * The navigation bar of Men & kids section contains links to the Home, Men Section, and Kids Section for easy site navigation.
   * The navigation bar is interactive and helps users switch between different sections smoothly.
2. **Background and Visual Design:**
   * **Image Selection**: The background image chosen for the men's & kids section is a high-resolution photograph of a modern urban setting, featuring clean lines and a neutral color palette. This choice aligns with the contemporary and sophisticated style of the men's fashion products. High-quality images enhance the store's branding and product display
   * **Image Placement**: The background image is applied to the entire section, creating a cohesive visual theme. It is set to cover the entire area without repeating, ensuring a seamless and professional look.
3. **Multiple divs to display products:**
   * **We use <div> elememts in Men’s and kids section for product display.**
   * **Same id’s were assigned for easier CSS styling.**
   * **We also includes “Buy now” button with in the divs of product, by clicking on this button a new page opens which asks the user to enter details and then confirm order.**
4. **RGB Designing on Buy now button(Using CSS):** 
   * **Backgroud Layer(.addtocart::after) : Creates a shadow layer behind the button for depth. *Z-index: -1* , place it beneath the main button.*Border radius of 5px*; ensures the shadow to align with the rounded corners of button.**
   * **Glowing Effect (.addtocart::before):** This layer creates RGB glow animation. *linear Gradient(…)* defines colour in spectrum*.**Filter: blur(8px);* adds a glowing blur to the background gradient*. 20s linear infinite;* makes animation smooth and continuous.
   * **Animtion(@ keyframes glowing):** 0% and 100% sets fradient to its starting position. 50% shifts the gradient to its peak position, creating a smooth glow cycle.

**Details Page:**

The **Details Page** is a critical part of the delivery process. It is designed to collect necessary user information efficiently through a well-structured web form and visually appealing interface.

### ****Features****

#### **Form Implementation**

* **Form Tag**
  + The primary structure of the page is built using the <form> tag.
  + The action attribute of the form directs the data to the appropriate backend or loading tab upon clicking the submit button.

#### **Tags Used**

1. **Label Tag**
   * Facilitates users in identifying which information is required for each field.
2. **Input Tag**
   * **Type: Text**  
     Used to retrieve textual data from users (e.g., name, address).
   * **Type: Radio**  
     Ensures mutually exclusive selections for options (e.g., gender, delivery preferences).
3. **Header and Footer Tags**
   * Implemented to provide a consistent look and navigation, similar to previous webpages.

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### ****Significance****

This details page acts as a pivotal point for handling customer deliveries on the backend. The information collected through the form is integral to ensuring seamless order processing.

### ****Styling with CSS****

#### **CSS Features Utilized**

1. **Alignment**
   * Ensures all form elements are neatly organized and user-friendly.
2. **Colors**
   * Used to enhance visual appeal and guide user focus.
3. **Hover Effects**
   * Adds interactivity, making the webpage more dynamic.
4. **Positioning**
   * Ensures proper placement of elements on the page for a clean and professional look.

This **Details Page** combines functional efficiency with an attractive interface, enhancing the user experience and supporting backend operations effectively.

**Loading Page:**

The **Loading Page** provides feedback to users by indicating that their data is being processed in real-time. This page enhances user engagement and ensures a seamless experience while waiting for the system to handle their input.

### ****Features****

#### **Purpose**

* Displays a real-time indication of data processing.
* Engages users with an interactive **loading bar**.

#### **Core Highlight**

* The **Loading Bar** is entirely implemented using **HTML** and **CSS**, showcasing creative use of basic web development tools.

### ****Implementation Details****

#### **HTML Structure**

1. **Div Initialization**
   * A <div> element is created to represent the loading bar.
   * The border of the <div> serves as the visual loading indicator.

#### **CSS Styling**

1. **Div Shaping**
   * The <div> is styled with equal width and height to form a square.
   * border-radius: 50% is applied to make the border circular, turning the square into a ring.
2. **Color Customization**
   * Necessary colors are applied to the circular border.
   * One part of the border is set to a different color to create a visual rotation effect.
3. **Animation Definition**
   * A custom **CSS animation** named loading is defined.
   * This animation rotates the <div> clockwise, simulating the motion of a spinning loader.
4. **Animation Timing**
   * The animation is set to trigger every **1 second** within the <div>'s CSS properties, creating a smooth and continuous effect.

### ****Significance****

This **Loading Page** not only informs users about ongoing processing but also maintains their engagement with an aesthetically pleasing and dynamic interface. The smooth animation and minimal design contribute to a polished user experience.