**A close up of a logo

AI-generated content may be incorrect.**

**Mini Project Report - 01**

Master of Computer Application – Data Science

Semester – I

**Sub: Front Framework And Technologies**

**Topic: Facebook Login Page**   
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**INTRODUCTION**

**Introduction to HTML**

HTML (HyperText Markup Language) is the backbone of all

websites. It is used to structure and organize content on the

web so that browsers can display text, images, videos, and links

in a readable way. Instead of running calculations like a

programming language, HTML works by marking up content

with different tags to tell the browserwhat each part of the

page means.

For example, you can use headings to make titles stand out,

paragraphs for text, images for visuals, and links to connect one

page to another. HTML works together with **CSS** (for styling and

design) and **JavaScript** (for interactivity) to create complete and

dynamic websites.

Some of the most important HTML tags are:

• <html> → The container that wraps the entire webpage.

• <head> → Holds meta information, links to CSS/JS, and

the page title.

• <title> → Sets the title shown in the browser tab.

• <body> → Holds the visible content like headings, text,

images, and links.

**Introduction to CSS**

CSS (Cascading Style Sheets) is the language that makes websites

visually attractive and user-friendly. While HTML provides the

structure of a webpage, CSS is responsible for its design—controlling

colors, fonts, spacing, layouts, and even animations. With CSS, the

same HTML content can be presented in completely different styles,giving web designers full creative control over how a site looks and feels.

In CSS:

• **Selector** → Targets the HTML element you want to style (e.g.,

h1).

• **Property** → Specifies the aspect to change (e.g., color, font-size).

• **Value** → Defines the exact style setting (e.g., blue, 20px).

**INPUT CODE:**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

  <title>Facebook - log in or sign up</title>

  <style>

    body {

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

      background-color: #f0f2f5;

      display: flex;

      justify-content: center;

      align-items: center;

      height: 100vh;

      margin: 0;

    }

    .login-box {

      background: #fff;

      padding: 20px;

      width: 350px;

      text-align: center;

      border-radius: 8px;

      box-shadow: 0px 0px 10px rgba(0,0,0,0.2);

    }

    .login-box h1 {

      color: #1877f2;

      font-size: 40px;

      margin-bottom: 20px;

      font-weight: bold;

    }

    .login-box input {

      width: 100%;

      padding: 14px;

      margin: 10px 0;

      border: 1px solid #ddd;

      border-radius: 6px;

      font-size: 16px;

    }

    .login-box button {

      width: 100%;

      padding: 14px;

      background: #1877f2;

      border: none;

      color: #fff;

      font-size: 18px;

      font-weight: bold;

      border-radius: 6px;

      cursor: pointer;

    }

    .login-box button:hover {

      background: #166fe5;

    }

    .login-box a {

      display: block;

      margin-top: 15px;

      color: #1877f2;

      text-decoration: none;

      font-size: 14px;

    }

    .login-box a:hover {

      text-decoration: underline;

    }

  </style>

</head>

<body>

  <div class="login-box">

    <h1>facebook</h1>

    <form>

      <input type="text" placeholder="Email address or phone number" required>

      <input type="password" placeholder="Password" required>

      <button type="submit">Log in</button>

    </form>

    <a href="#">Forgotten account?</a>

    <a href="#">Sign up for Facebook</a>

  </div>

</body>

</html>

**OUTPUT CODE:**

