



# **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 browser what 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:

```
<!DOCTYPEhtml>
<html>
  <htmllang="en">
  <head>
    <metacharset="UTF-8">
    <metaname="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: 0px0px10pxrgba(0,0,0,0.2);  
  
}  
  
.login-boxh1 {  
  
  color: #1877f2;  
  
  font-size: 40px;  
  
  margin-bottom: 20px;  
  
  font-weight: bold;  
  
}  
  
.login-boxinput {  
  
  width: 100%;  
  
  padding: 14px;  
  
  margin: 10px0;  
  
  border: 1pxsolid#ddd;  
  
  border-radius: 6px;  
  
  font-size: 16px;  
  
}  
  
.login-boxbutton {  
  
  width: 100%;  
  
  padding: 14px;  
  
  background: #1877f2;  
  
  border: none;
```

```
        color: #fff;

        font-size: 18px;

        font-weight: bold;

        border-radius: 6px;

        cursor: pointer;
    }

    .login-boxbutton:hover {

        background: #166fe5;

    }

    .login-boxa {

        display: block;

        margin-top: 15px;

        color: #1877f2;

        text-decoration: none;

        font-size: 14px;

    }

    .login-boxa:hover {

        text-decoration: underline;

    }
</style>
</head>
<body>

    <divclass="login-box">

        <h1>facebook</h1>

        <form>

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

            <inputtype="password"placeholder="Password"required>

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

        </form>

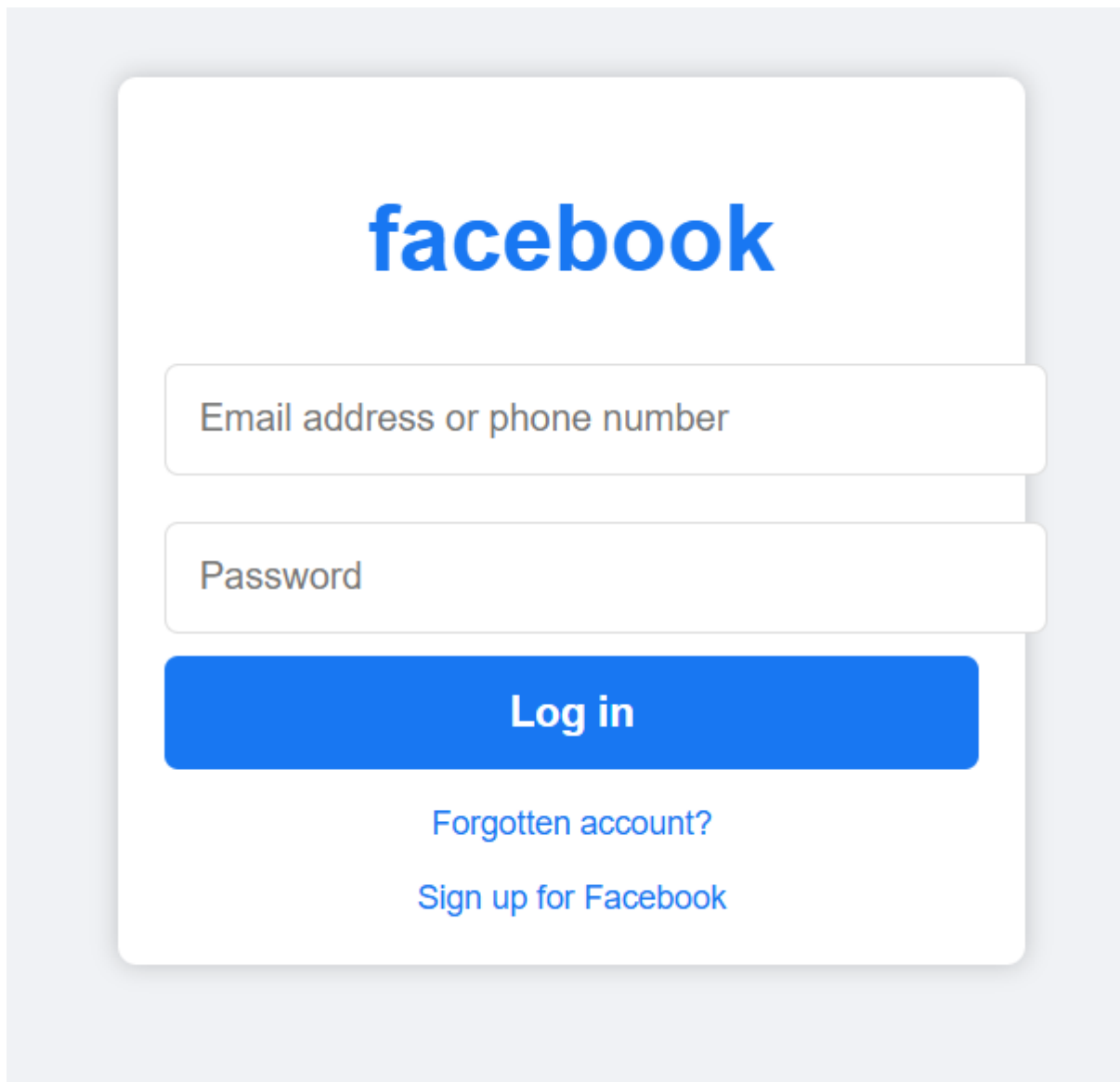
        <a href="#">Forgotten account?</a>

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

    </div>

</body>
</html>
```

## OUTPUT CODE:

A mockup of the Facebook login interface. It features a white rounded rectangle centered on a light gray background. At the top of the rectangle is the Facebook logo in blue. Below the logo are two white input fields with rounded corners. The first field contains the placeholder text "Email address or phone number" and the second field contains "Password". Below these fields is a prominent blue button with the text "Log in" in white. At the bottom of the white rectangle, there are two links in blue text: "Forgotten account?" and "Sign up for Facebook".

**facebook**

Email address or phone number

Password

**Log in**

[Forgotten account?](#)

[Sign up for Facebook](#)