



Mini Project Report - 03

Master of Computer Application – General
Semester – III

Sub: Web Technologies

Topic: Facebook Page

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August 2025

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1. Introduction

The project "Facebook Login Page using HTML and CSS" is a simple web development task designed to replicate the structure and design of the official Facebook login interface. The goal is not to copy the exact functionality but to understand how HTML and CSS work together in creating a user-friendly interface.

Facebook is one of the most widely used social networking platforms worldwide. Its login page is simple, clean, and user-centered. By creating a clone of this page, we can improve our front-end development skills, learn about styling, positioning, and responsive design.

This report explains the **design, structure, and implementation** of the project in detail.

2. Objective of the Project

- To design a static replica of Facebook's login page using HTML and CSS.
 - To understand the use of **containers, layouts, and text formatting** in web design.
 - To implement **buttons, input fields, links, and footer sections**.
 - To gain practical knowledge of **CSS styling techniques** like margin, padding, border-radius, flexbox, and shadows.
 - To learn how large websites maintain a **clean and professional user interface**.
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3. Project Structure

The project is divided into two main parts:

1. **HTML (HyperText Markup Language):** Provides the structure of the web page.
2. **CSS (Cascading Style Sheets):** Provides the design and styling to make the page attractive.

The page is divided into the following sections:

- **Top Container:** Main section containing logo and login form.
 - **Left Section:** Facebook logo and tagline.
 - **Right Section:** Login form with email, password, login button, and create account button.
 - **Bottom Text:** Small note about creating a page for businesses.
 - **Footer:** Contains languages, useful links, and copyright.
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4 – Technologies Used

- **HTML (Hypertext Markup Language):**
 - Used to create structure of page.
 - Tags used: <div>, <h1>, <p>, <input>, <button>, <a>, <hr>.
 - **CSS (Cascading Style Sheets):**
 - Used to style the page.
 - Properties: font-family, margin, padding, color, background, box-shadow, border-radius.
 - **Browser:** Google Chrome / Edge (for testing).
 - **Editor:** VS Code / Notepad++.
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5 – Code Explanation (Header & Layout)

- `<div class="top_container">` → outer main container with background color.
 - `.container1 { display: flex; }` → divides page into **left section** (logo + text) and **right section** (login form).
 - **Left Section:**
 - `<h1>` used for “facebook” with blue color (#0c65fd).
 - `<p>` describes Facebook tagline.
 - **Right Section:**
 - White box with shadow (box-shadow).
 - Contains login form elements.
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6 – Code Explanation (Login Form)

1. Input Fields:

- `<input type="text" placeholder="Email address or phone number">`
- `<input type="password" placeholder="Password">`
 - Used for login details.

2. Login Button:

```
.login {  
  background: #1877f2;  
  color: #fff;  
  font-weight: bold;  
}
```

→ Blue button styled like Facebook.

3. Forgotten Password Link:

```
<a href="#" class="forgot">Forgotten password?</a>
```

- **Create New Account Button:**

→ Green button styled with .create.

7 – Code Explanation (Bottom Text & HR)

- `<p class="bottom_text"> Create a Page for a celebrity, brand or business.</p>`
→ Adds the line below login box.
- `<hr>` tag styled with gray border.

8 – Code Explanation (Footer Section)

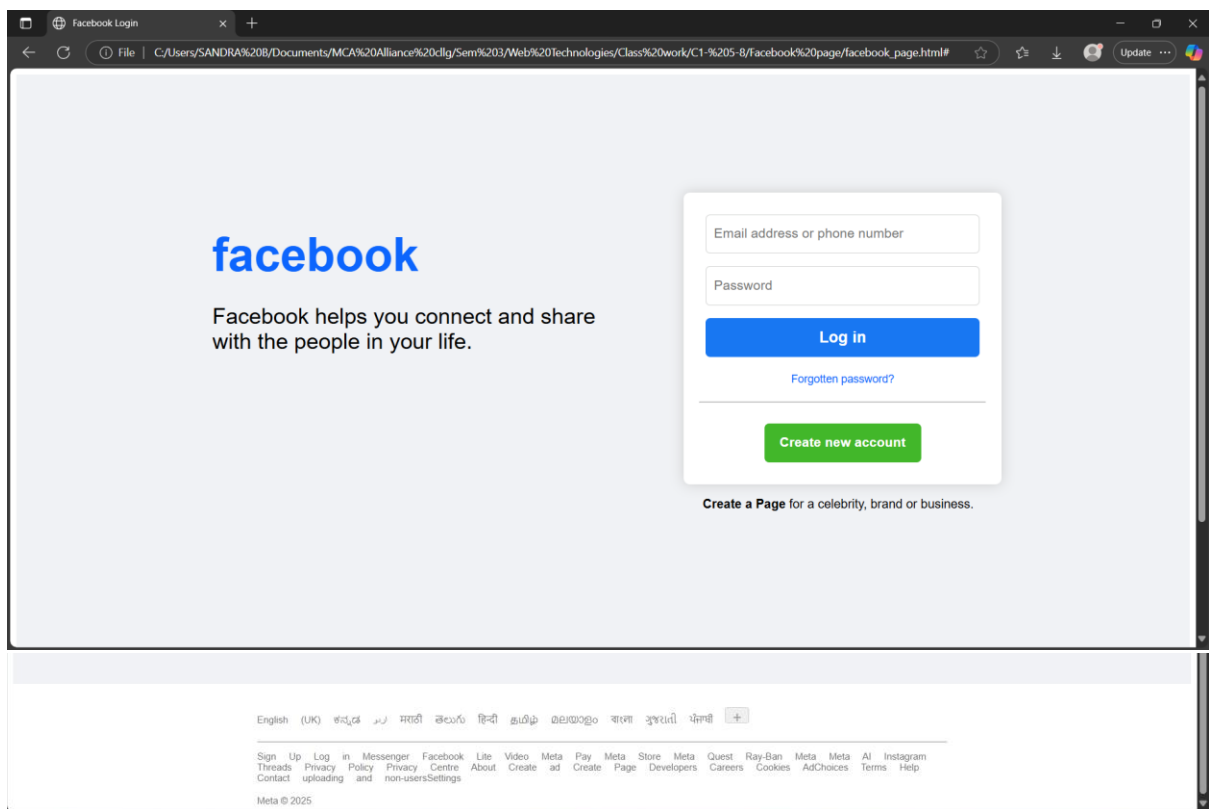
- **Languages Section:**
 - Multiple `<a>` tags for different languages.
 - **Plus Button:** styled with border + rounded edges.
- **Links Section:**
 - Contains **Facebook services and legal links** (Sign Up, Messenger, Meta Pay, Careers, Cookies, etc.).
 - Styled with .links class → word-spacing and hover underline effect.
- **Copyright:**
 - `<div class="copyright">Meta © 2025</div>`

9 – Output (Screenshots & Description)

- Screenshot 1: Full login page.
- Screenshot 2: Login form close-up.
- Screenshot 3: Footer section.

Explanation:

- Left side → Facebook branding.
- Right side → login + signup form.
- Bottom → footer with languages & links.



10 – Conclusion

- The project successfully demonstrates **HTML & CSS layout**.
 - Key learnings:
 - Flexbox for dividing page.
 - Input forms with styling.
 - Custom buttons with hover effects.
 - Footer design with links.
 - **Future Scope:**
 - Add responsiveness with media queries.
 - Add JavaScript validation for login.
 - Make it mobile-friendly.
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