

Coding Night Challenge – Mini Social Media App

HTML • CSS • JavaScript (DOM) – 6 to 8 Hour Project

Welcome to Coding Night! Your goal is to build a **fully functional Mini Social Media App** using only **HTML, CSS, and JavaScript (DOM)**.

This is an exciting, real-world style project where you will design, code, and present a creative social media feed.

Project Goal

Build a small but complete social media posting system with:

- Post creation
- Like system
- Delete post
- Search
- Sorting/Filtering
- Clean UI
- Mobile-friendly layout

Your creativity is your superpower! 

Core Features (Must Complete)

0. Signup / Login Flow (Front-End Only)

Students should create a **very basic authentication flow** using ONLY HTML, CSS & JavaScript (no backend):

- A simple **Signup form** (name, email, password – UI only, no real security)
- A **Login form** where user can enter email + password
- After successful login, user is redirected to the **Social Feed page**
- Show the logged-in user's name somewhere in the header (e.g., "Welcome, Ali")
- Optional: use `localStorage` to remember the logged-in user and auto-login on refresh

Note: Ye sirf front-end practice ke liye hai, real authentication nahi. Passwords ko secure store karne ki zaroorat nahi, bas basic flow samajhna hai.



1. Create Post Section

Users should be able to:

- Write a post (text only and image Url)
 - Add emojis (optional)
 - Click **Post** button to publish
 - Show new post on top of feed (latest-first)
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2. Posts Feed

Each post must display:

- Posted text
 - Time/Date
 - Like button
 - Like counter
 - Delete button
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3. Like System

- Clicking the heart should toggle **Liked / Unliked** state
 - Counter should update (1 Like → 0 → 1)
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4. Delete Post

- Remove post from DOM
 - Optional: Ask for confirmation
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5. Search Posts

- Search bar at the top
 - Filter posts by text content
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6. Sort & Filter Controls

Add 2-3 filters like:

- **Latest First**

- Oldest First
 - Most Liked
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Bonus Features (For Extra Points)

★ 1. Post Image Upload through Image Url

Allow user to attach an image to post.

★ 2. Edit Post

Click a button → open edit popup → update post.

★ 3. Reactions

Add reactions like 🎉 🚗 instead of only .

★ 4. Dark / Light Mode Toggle

Full theme switch using CSS + JavaScript.

★ 5. LocalStorage Save

Save posts so refreshing page doesn't remove them.



Judging Criteria

Category	Points
UI Design	20
Functionality	30
Creativity	20
Code Quality	20
Presentation	10

Total: **100 Points**



Project Submission Requirements

- A folder containing:
 - `index.html`
 - `style.css`
 - `app.js`
 - (Optional) images or assets
 - Clean, readable code
 - Final demo presentation Link
 - Github Link
 - Deployed Link
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Tips for Success

- Keep UI simple but modern
 - Focus on DOM logic first, styling later
 - Test your app after each feature
 - Use functions to keep code clean
 - Add creative touches (colors, animations, emojis)
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Final Note

This project is meant to challenge you, teach you, and make coding fun. Bring your creativity, enjoy the night, and build something exciting!

Good luck! 🦇

— SMIT Coding Night Team