

# 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.

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## 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! 

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## 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.

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## 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)
- 



## 2. Posts Feed

Each post must display:

- Posted text
  - Time/Date
  - Like button
  - Like counter
  - Delete button
- 



## 3. Like System

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



## 4. Delete Post

- Remove post from DOM
  - Optional: Ask for confirmation
- 



## 5. Search Posts

- Search bar at the top
  - Filter posts by text content
- 



## 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.

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## Judging Criteria

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

Total: **100 Points**

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## 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