

# Complete Feature List for Social Media Web App

## Core Features:

- User Registration and Login (Email/Password)
- Secure Authentication (JWT or Cookies)
- User Profile Page (Avatar, Bio, Cover Photo)
- Edit Profile
- Create Post (Text/Image/Video)
- Emoji Support
- Media Preview (Image/Video)
- Like & Dislike Posts
- Comment on Posts
- Replies to Comments (Threaded/Nested)
- View User Feed (All Posts)
- Delete/Edit Own Posts
- Post Timestamp Display
- Responsive UI (Mobile, Tablet, Desktop)
- Share Posts to Facebook, Twitter, LinkedIn, Instagram, Copy Link

## Modern UI/UX Features:

- Dark Mode (with toggle)
- Skeleton Loaders
- Framer Motion Animations
- Hover/Focus Effects
- Toast Notifications (Success/Error)
- Lazy Loading Images/Videos
- Infinite Scrolling or Pagination
- Placeholder Avatars (Fallback UI)
- Avatar/Status Ring (for Stories)

## Real-Time Features:

- Live Feed Updates (with Socket.io or polling)
- Real-Time Chat (1-to-1)

- Online/Offline Status
- Typing Indicator
- Real-Time Notifications (Likes, Comments, Messages)

### **Notification System:**

- Notification Bell Icon
- Real-time Push Notifications
- Notification List (Unread/Read)
- In-App Alerts for Actions

### **Post Analytics:**

- Likes Count
- Comments Count
- Shares Count
- Post Engagement Stats (Optional: Views, Clicks)
- Weekly/Monthly Activity Stats (For User/Admin)

### **Search & Discovery:**

- Search Users
- Search Posts (by keyword or hashtag)
- Hashtag System (#coding)
- Explore Page (Trending Posts)
- Suggested Friends

### **Admin Panel (Advanced):**

- View Total Users/Posts/Comments
- Block or Delete Users/Posts
- View Reports (if using reporting system)
- Admin Login
- Approve/Reject Posts (optional moderation)

### **Security Features:**

- Password Hashing (bcrypt)
- JWT Authentication
- Route Protection (Frontend & Backend)

- File Type Validation (image/video only)
- Rate Limiting
- CSRF/XSS Protection
- Helmet for Secure Headers
- HTTPS Enforced

### **Media Management:**

- Upload Images/Videos
- Cloud Storage Integration (Cloudinary / Firebase)
- File Type & Size Validation
- Preview Before Upload

### **SEO & Performance:**

- Server-Side Rendering (Next.js)
- `next/head` Tags