Functional Requirements – List of Features and Functionalities

1. User Authentication

1. **User Sign Up:**
   - Users should be able to sign up using their email, username, and password.
   - The system should check if the email or username is already taken.
   - The system should validate that the password and confirm password fields match.
   - Users should receive an email verification link to activate their account.

2. **User Login:**
   - Users should be able to log in using their email or username and password.
   - The system should display a generic error message if the credentials are incorrect.

3. **Password Reset:**
   - Users should be able to reset their password by providing their email.
   - The system should send a password reset link to the user's email.

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2. Content Sharing

4. **Create Post:**
   - Users should be able to create and share posts containing text, images, or videos.
   - The system should validate that the post contains content before publishing.

5. **Upload Story:**
   - Users should be able to upload stories (images or videos that disappear after 24 hours).
   - The system should allow users to view stories from followed users.

6. **Edit/Delete Post:**
   - Users should be able to edit or delete their own posts.
   - The system should prompt for confirmation before deleting a post.

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3. Social Interaction

7. **Like Post and Story:**
   - Users should be able to like posts and story from other users.

- The system should update the like count in real-time.

8. **Comment on Post:**
   - Users should be able to comment on posts.
   - The system should display all comments under the post.

9. **Share Post:**
   - Users should be able to share posts with their followers or on other platforms.
   - The system should generate a shareable link for each post.

10. **Report Post:**
    - Users should be able to report inappropriate posts.
    - The system should notify admins about reported posts.

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4. Notifications

11. **Real-Time Notifications:**
    - Users should receive real-time notifications for new followers, likes, comments, and messages.
    - The system should allow users to customize notification settings.

12. **Email Notifications:**
    - Users should receive email notifications for important activities (e.g., password reset, new followers).

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5. Direct Messaging

13. **Send Message:**
    - Users should be able to send direct messages to other users.
    - The system should deliver messages in real-time if the recipient is online or store them if offline.

14. **Receive Message:**
    - Users should be able to receive and view messages in their inbox.
    - The system should indicate when a message has been read.

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6. Personalized Profiles

15. **Edit Profile:**
    - Users should be able to edit their profile information (e.g., profile picture, bio).
    - The system should validate the uploaded image format and size.

16. **View Saved Posts:**
    - Users should be able to view posts they have saved for later.

17. **Highlight Stories:**
    - Users should be able to highlight stories on their profile.

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7. Admin Panel

18. **Manage Reported Content:**
    - Admins should be able to view and manage reported posts.
    - Admins should be able to delete posts or warn users.

19. **View User Details:**
    - Admins should be able to view details of all users.
    - Admins should be able to ban or suspend users.

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8. Search Functionality

20. **Search for Users:**
    - Users should be able to search for other users by username or email.
    - The system should display search results in a dedicated page.

21. **Search for Content:**
    - Users should be able to search for posts.
    - The system should display search results based on relevance.

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9. Settings & Support

22. **Change Password:**
    - Users should be able to change their password from the settings page.
    - The system should validate the current password before updating.

23. **Toggle Account Privacy:**
    - Users should be able to set their account to public or private.
    - Private accounts should require approval for new followers.

24. **Contact Support:**
    - Users should be able to contact support through a form on the support page.
    - The system should send the support request to the admin team.