



# ReachMe – More Than A Social Media (For CSE – 300 at 01/06/2022)

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## Major Features:

- Basic CRUD functionality.
- A very rich & secured login, registration, account recovery & disabling system.
- User profile with various details.
- Secured email-password changing system.
- Simple friend list & secured chat system, where user can text each other & also see other active users in the friend list.
- Post create system with or without media files to share feelings or important information.
- Like, dislike, comment, share, tagging & report system for posts along with secured privacy options.
- A delicate notification panel to view latest notifications on various activities such as new messages, friend requests, likes, comments, post tagging etc.
- A searching system with keywords by which user content or profiles can be found.
- A homepage with header menu consisting of content category filtering, user menu, chat, notification and search bar. The homepage features promotional, personalized and alert type contents.
- The site moderation tools on admin panel are user verification, reported content moderation, post promote, user flagging, user post modification via approval from a automated word scanning system etc.
- The admin panel also consists of some admin tools as like appointing new admin by super admin, appointing new moderator by admins, secured internal communication system between super admin, admin and moderators etc.

## Tools and Technologies:

- Standard HTML for frontend structure. CSS & SASS for front end design.
- JavaScript for frontend adaptability, compatibility and optimization as well as some backend functionalities. PHP for backend operations handling and dynamic features.
- MySQL for database handling. MySQL Event for timed MySQL commands.
- JQuery for responsive chat system.
- PHPMailer framework for verification code mailing system as well as for sending important notifications to user email address.
- Fontawesome 5 for icon and logos.
- Bootstrap 5 framework for mobile view.

## Account System:

- Registration, Login, Recovery & Disabling

The registration form includes fields for First Name, Last Name, User Name, Email, Password, and Confirm Password. The login form includes fields for User Name or Email and Password. There is also a 'Forgot Password' link.

- Profile View & Update

The user profile form displays personal information such as Name, Username, Email, Phone Number, and Profession. It also includes a section for 'About' where the user can write a bio. There are buttons for 'Edit Profile' and 'Change Password'.

The 'Update Your Profile' form allows users to modify their personal details, including Name, Username, Email, Phone Number, Address, Job, Date of Birth, Religion, Language, Nationality, Blood Group, Relationship Status, Politics, and Hobbies.

## Friend List System:

- Friend List Management

The interface shows three columns: 'Pending Requests', 'Friends', and 'Sent Requests'. Each column lists users with their profile pictures and names, along with buttons to manage the relationship (e.g., 'Accept', 'Reject', 'Add', 'Remove').

## Homepage, Notification & Search System:

- Homepage Interface

The homepage features a header with a search bar and navigation links. The main content area includes 'Promoted Content', 'Alerts', and 'New Friend Requests'. There is also a 'Notification Panel Interface' showing various alerts and requests.

- Search Result Interface

The search result interface displays a list of users found based on the search criteria. Each user entry includes a profile picture, name, and a brief description.

## Post System:

- Post Create Interface

The 'Create New Post' interface allows users to write a new post, add media (images or videos), and select privacy settings (Public, Friends, Only Me, etc.).

- View Post and Interaction Interface

The 'View Post' interface shows a user's post with its content, media, and comments. It includes buttons for liking, commenting, and sharing the post.

- Shared Post and Tagging Interface

The 'Tag A Friend' interface allows users to tag friends in their posts. It shows a list of friends and a search bar to find specific users to tag.

## Messaging System:

- Chat List & Inbox Interface

The chat list interface shows a list of active chats with user avatars and names. It includes a search bar to find specific contacts.

The chat interface shows a conversation thread between two users. It includes a text input field, a 'Send' button, and a 'Back' button.

## Site Moderation Tools for Admins:

- Site Overview Interface

The site overview interface provides a dashboard for admins, showing statistics like 'Total Users', 'Total Posts', and 'Total Comments'. It also includes a 'Verified User List' and a 'Total Post Comments' chart.

- Moderation Tools

The moderation tools interface allows admins to manage user verification, reported posts, pending promotions, and flagged users. It includes buttons for 'View Profile', 'View Post', 'Report', and 'Approve'.

This section shows a table of reported posts with columns for Index, Post ID, Author, Privacy, Content, Time, and Action. It includes buttons for 'Report', 'Delete', 'View', and 'Flag User'.

This section shows a table of pending promotions with columns for Index, Post ID, Author, Privacy, Content, Time, and Action. It includes buttons for 'Report', 'Delete', 'View', and 'Flag User'.

This section shows a table of flagged users with columns for Index, User ID, Photo, Name, Username, and Actions. It includes buttons for 'Report for Restriction' and 'View Profile'.

## Admin Panel System:

- Offensive Word Scanner

The offensive word scanner interface shows a table of scanned posts with columns for Index, Post ID, Author, Privacy, Words, Content, Time, and Action. It includes buttons for 'Report', 'Delete', 'View', and 'Flag User'.

- Admin Tools

The admin tools interface allows admins to manage user verification, reported posts, pending promotions, and flagged users. It includes buttons for 'View Profile', 'View Post', 'Report', and 'Approve'.

This section shows a table of reported posts with columns for Index, Post ID, Author, Privacy, Content, Time, and Action. It includes buttons for 'Report', 'Delete', 'View', and 'Flag User'.

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