



# 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 message, friend request, 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, flagging users, 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, CSS for front end.
- JS, PHP for backend and dynamic features.
- MySQL for database. MySQL event for timed MySQL commands.
- JQuery for responsive chat system.
- PHPMailer for verification code mailing system.

## 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', 'Change Photo', and 'Report Abuse'.

The 'Update Your Profile' form allows users to modify their personal details, including First Name, Last Name, User Name, Email, Phone Number, Address, Job, Date of Birth, Religion, Language, Nationality, Politics, Relationship Status, Blood Group, and Sports. It also has a 'Bio' field and an 'Update' button.

## Friend List System:

- Friend List Management

The friend list management interface shows three columns: Pending Requests, Friends, and Sent Requests. Each column lists users with their profile pictures and names, along with buttons to accept, reject, or manage the request.

## Homepage And Notification System:

- Homepage Interface

The homepage interface features a header with a search bar and navigation links. The main content area includes 'Promoted Content', 'Alerts', and 'New Friend Requests'. There are also sections for 'Disaster Alerts' and 'Your Notifications'.

- Notification Panel Interface

The notification panel interface displays various alerts and notifications, including 'Disaster Alerts', 'Your Notifications', and 'New Friend Requests'. It provides a centralized location for users to view and manage their notifications.

## Post System:

- Post Create Interface

The post create interface allows users to create new posts. It includes a text area for the post content, a 'Select Category' dropdown, a 'Select Privacy' dropdown, and a 'Post Now' button.

- View Post and Interaction Interface

The view post and interaction interface shows a post with its content, a 'Comments' section, and a 'Like' button. It also includes a 'Share' button and a 'Report Abuse' button.

- Shared Post and Tagging Interface

The shared post and tagging interface allows users to share posts and tag friends. It includes a 'Tag A Friend' dropdown and a 'Share' button.

## Messaging System:

- Chat List & Chat System Interface

The chat list interface shows a list of active chats with user avatars and names. It includes a 'Back' button and a 'Search' bar.

The chat system interface shows a chat conversation with a text input area, a 'Send' button, and a 'Back' button.

## Site Moderation Tools for Admins

- Site Overview Interface

The site overview interface displays various statistics and charts, including a bar chart for 'Reported Posts', a pie chart for 'User List', and a table for 'Verified User List'.

- Site Moderation Tools

The site moderation tools interface includes sections for 'User Verification', 'Reported Posts', 'Pending Promote', and 'Flagged Users'. It provides tools for admins to manage the site's content and users.

Index	Post ID	Author	Privacy	Content	Time	Action
1	104	Ehtimam Rashed	Public	EWITCPLININOTRUB: 66-55C	17:34 AM/2022/05/18	<a href="#">View</a> <a href="#">Delete</a> <a href="#">Report</a>
2	103	Ehtimam Rashed	Public	QWITCPLININOTRUB: 66-55C	17:34 AM/2022/05/18	<a href="#">View</a> <a href="#">Delete</a> <a href="#">Report</a>
3	102	Ehtimam Rashed	Public	QWITCPLININOTRUB: 66-55C	17:34 AM/2022/05/18	<a href="#">View</a> <a href="#">Delete</a> <a href="#">Report</a>

Index	User ID	Photo	Name	Username	Flags	Actions
1	0		Ehtimam Rashed City	ehtimamr	1	<a href="#">Report Abuse</a> <a href="#">View Profile</a>
2	0		Ehtimam Rashed Arnob	arnobarnob	1	<a href="#">Report Abuse</a> <a href="#">View Profile</a>
3	7		Abida Akhter	abidaak	1	<a href="#">View Profile</a>

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2	0		Ehtimam Rashed Arnob	arnobarnob	1	<a href="#">Report Abuse</a> <a href="#">View Profile</a>
3	7		Abida Akhter	abidaak	1	<a href="#">View Profile</a>

## 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 'View', 'Delete', and 'Report'.

- Admin Panel Tools

The admin panel tools interface includes sections for 'Appoint New Admin', 'Appoint New Moderator', and 'Appoint New Moderator'. It provides tools for admins to manage the site's administration.

Index	User ID	Photo	Name	Username	View	Action
1	42		Abida Akhter	abidaak	<a href="#">View Profile</a>	<a href="#">Make Admin</a>
2	39		Rashid Mahmood	rashidmah	<a href="#">View Profile</a>	<a href="#">Make Admin</a>
3	38		Salma Begum	salma	<a href="#">View Profile</a>	<a href="#">Make Admin</a>

Index	User ID	Photo	Name	Username	View	Action
1	42		Abida Akhter	abidaak	<a href="#">View Profile</a>	<a href="#">Make Moderator</a>
2	39		Rashid Mahmood	rashidmah	<a href="#">View Profile</a>	<a href="#">Make Moderator</a>
3	38		Salma Begum	salma	<a href="#">View Profile</a>	<a href="#">Make Moderator</a>

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3	38		Salma Begum	salma	<a href="#">View Profile</a>	<a href="#">Make Moderator</a>

- Contribution:

- Arnob initially planned the project and designed the database structure.

- Arnob built the dynamic home page, post creation & friend list system.

- Ehtimam built the login, registration and account recovery mechanism, chat system, profile verification system.

- Farzana designed & built the search engine & post interaction system.

- Farzana implemented the account ban system & admin communication system into the admin panel.

- Ehtimam implemented the post report & management system to homepage and admin panel.

- Arnob built the notification and post promotion system.