

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

Eftakhar Ahmed Arnob – 190103020028, Ehtimam Rashed Chowdhury – 190103020026, Farzana Rahman – 190203020101

Major Features:

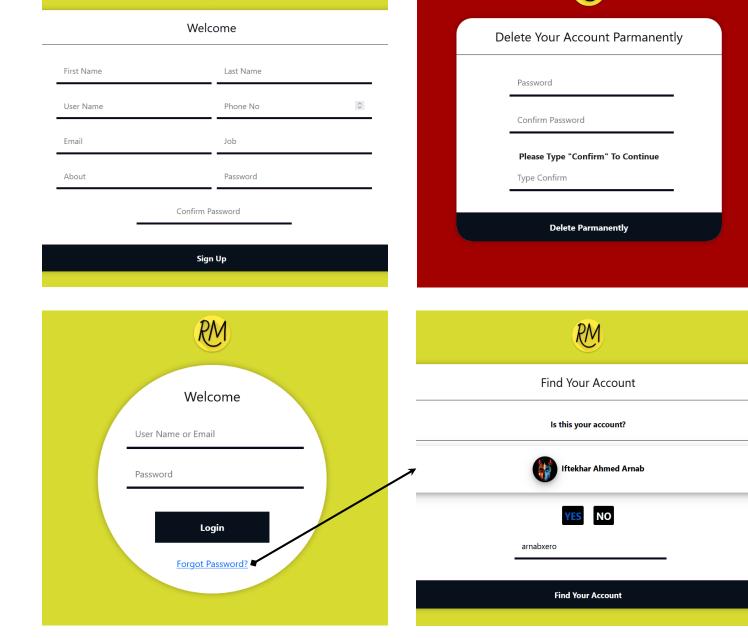
- Basic CRUD functionality.
- A very rich & secured login, registration, account recovery & disabling system.
- User profile with various details.
- Secured email-password changing system.
- Simple friend list & secured chat system, where user can text each other & also see other active users in the 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 promotional, features homepage 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 admin, appointing new moderator by admins, secured internal communication system between super admin, admin and moderators etc.

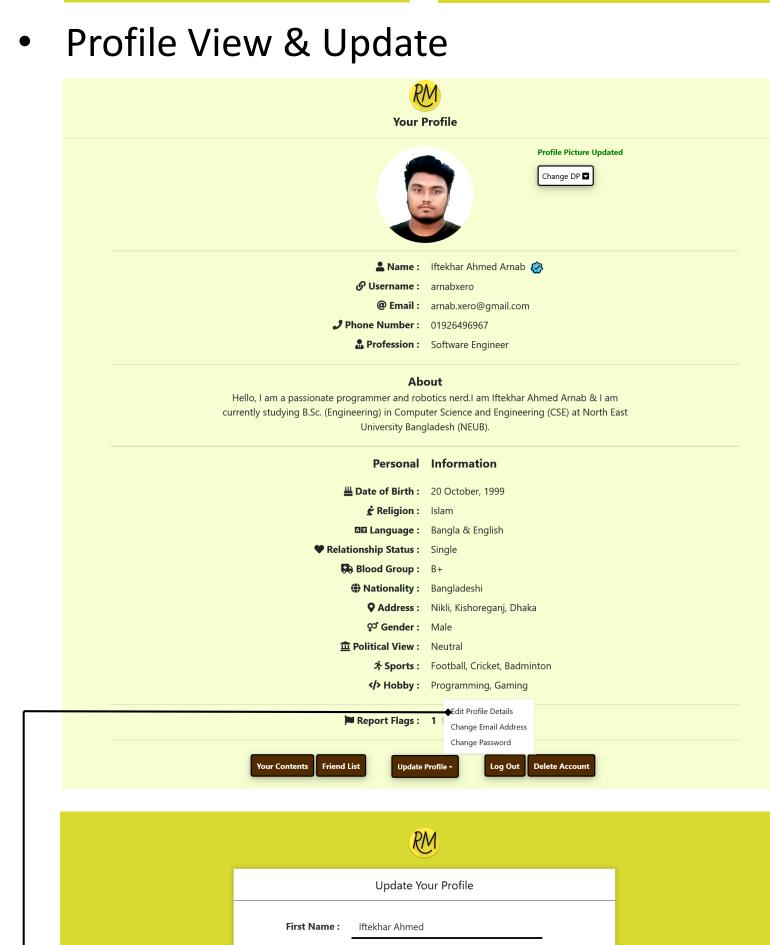
Tools and Technologies:

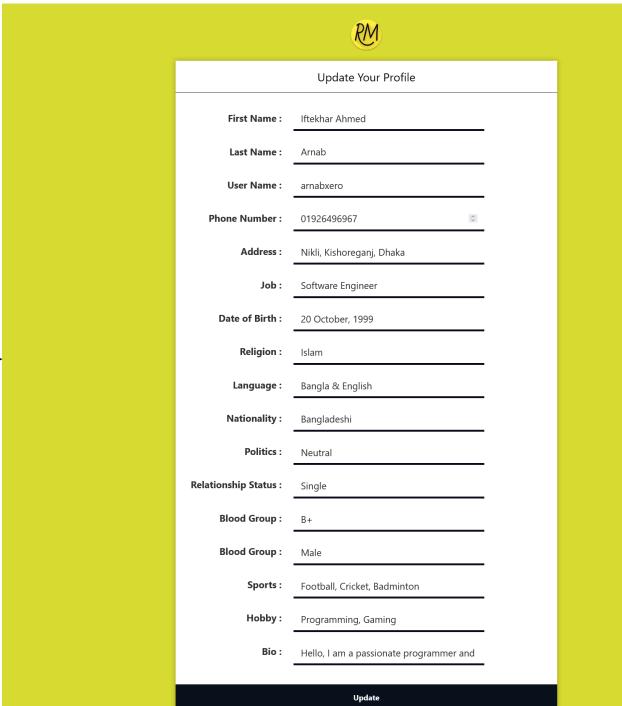
- Standard HTML for frontend structure. CSS & SASS for front end design.
- JavaScript for frontend adaptability, compatibility and optimization as well as some backend functionalities. PHP for backend operations handling and dynamic features.
- MySQL for database handling. MySQL Event for timed MySQL 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

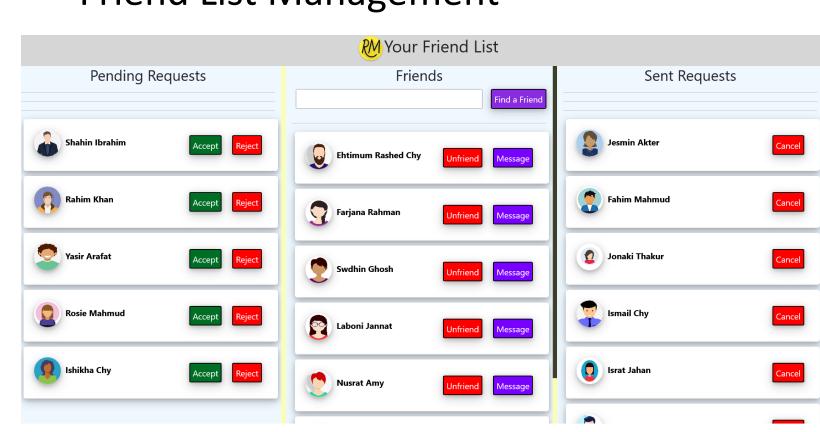






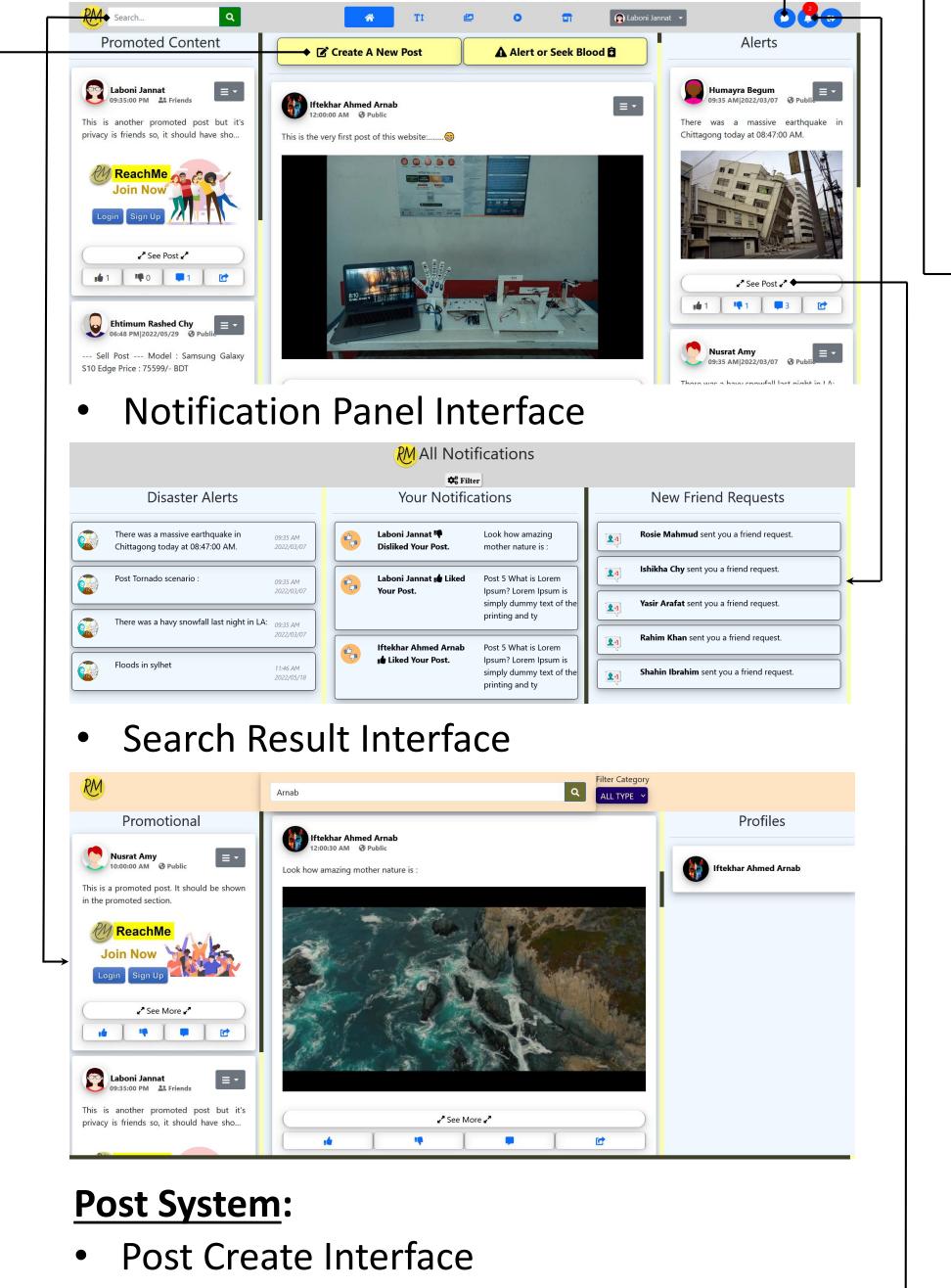
Friend List System:

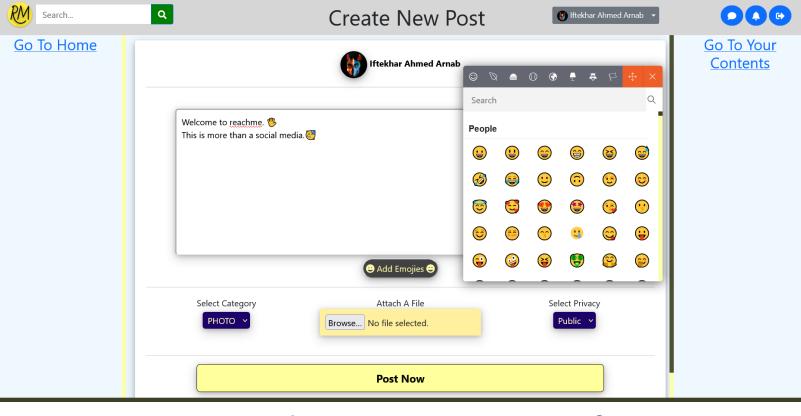
Friend List Management



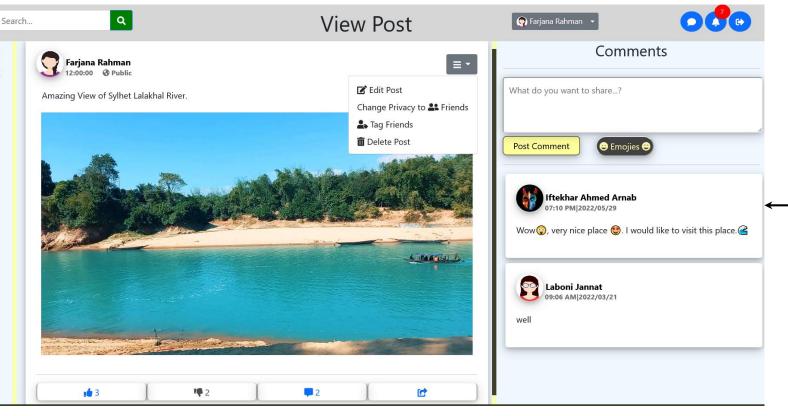
Homepage, Notification & Search System:

Homepage Interface

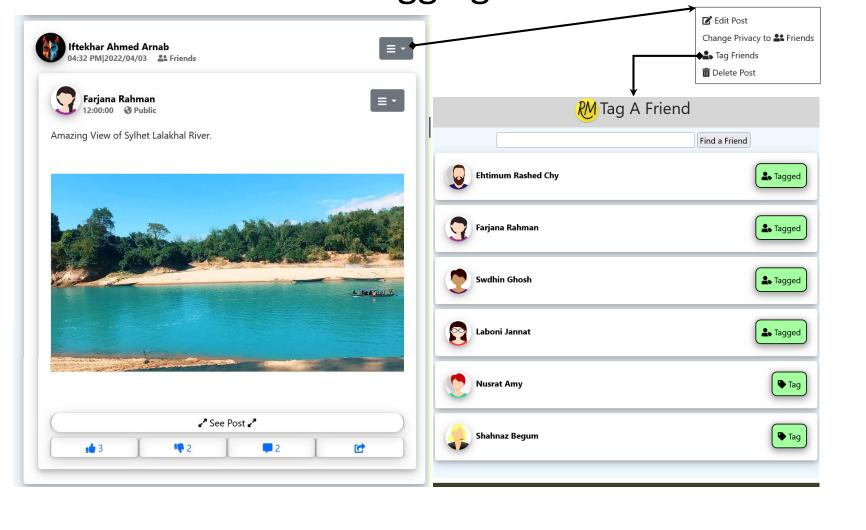




View Post and Interaction Interface

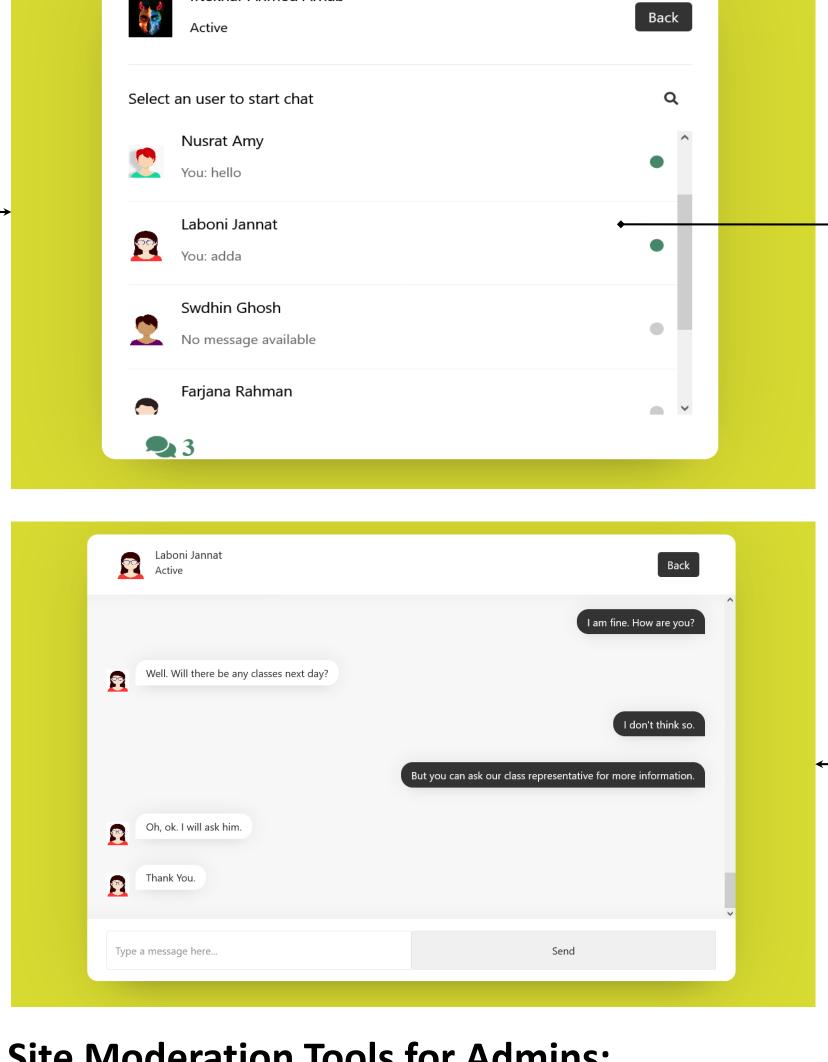


Shared Post and Tagging Interface



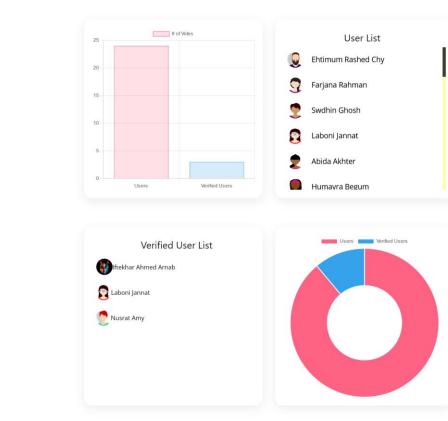
Messaging System:

Chat List & Inbox Interface

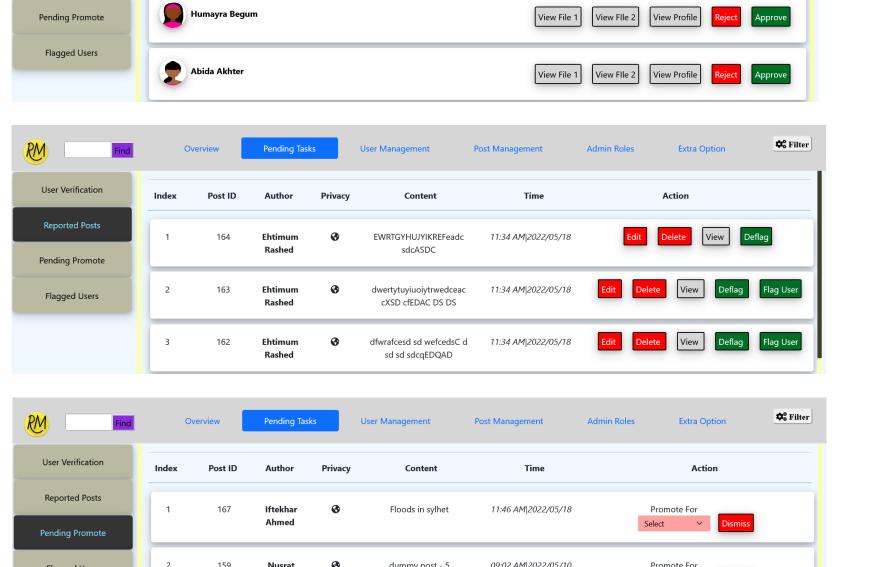


Site Moderation Tools for Admins:

Site Overview Interface



Moderation Tools



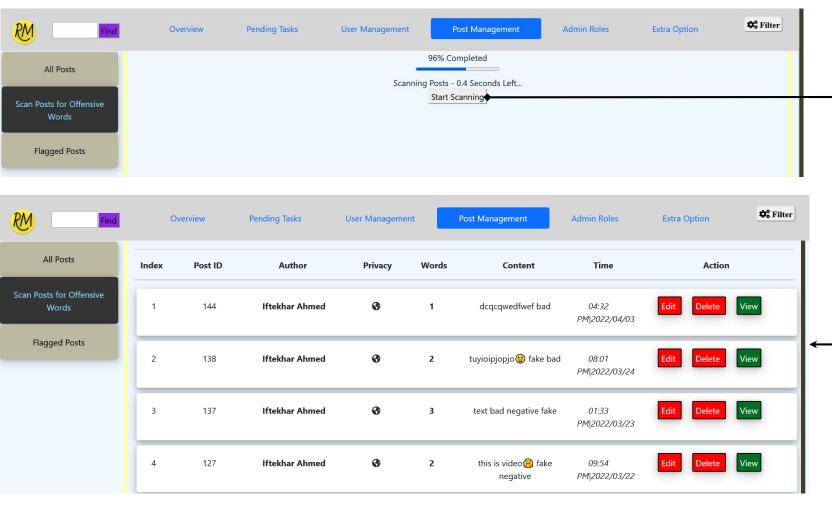
 View File 1
 View File 2
 View Profile
 Reject
 Approve

View Profile

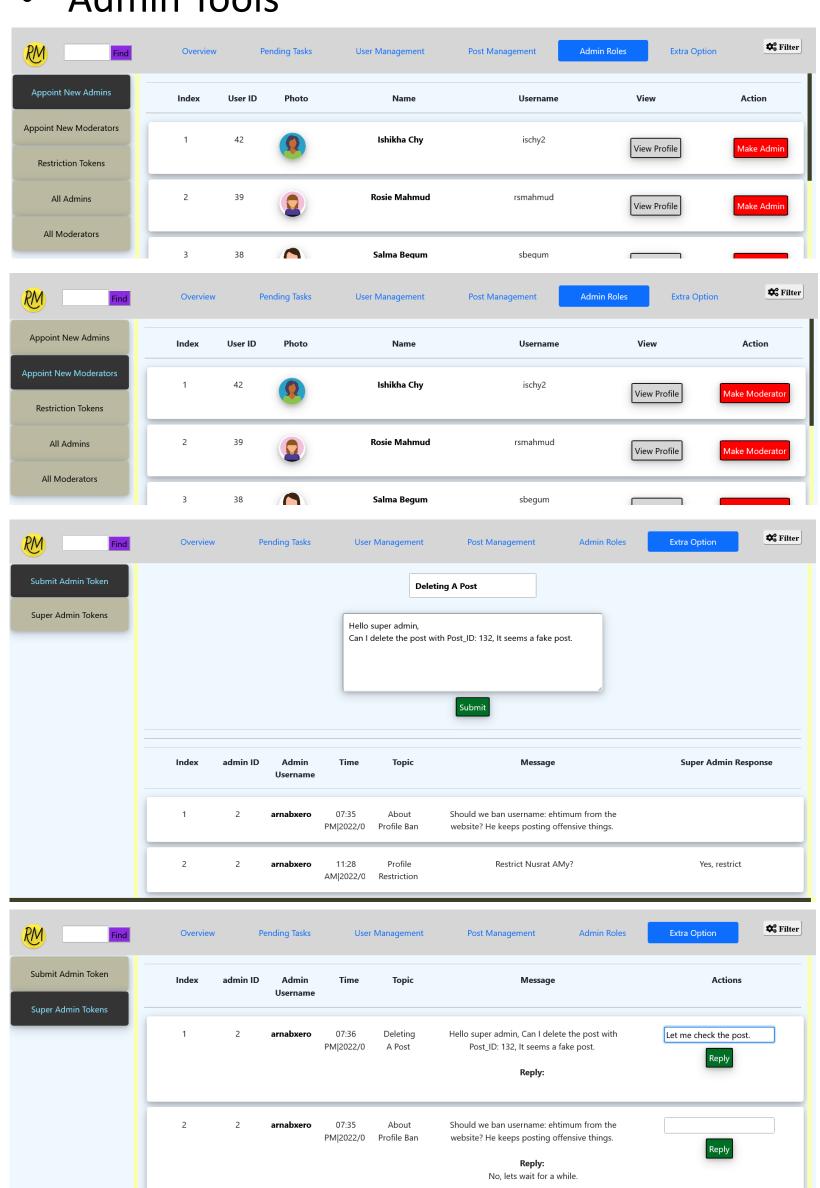
Reported Posts Pending Promote

Admin Panel System:

Offensive Word Scanner



Admin Tools



Contributions:

- Arnab initially planned the project and designed the database structure.
- Arnab built the dynamic home page, post creation & friend list system.
- Ehtimum built the login, registration and account recovery mechanism, chat system & profile verification system.
- Farzana built the search engine, post interaction & sharing system.
- Farzana implemented the account ban system & admin communication system into the admin panel.
- Ehtimum implemented the post report & management system to homepage and admin panel.
- built the notification, post promotion & automated offensive word scanning system.