

ClubHub

Campus-Focused Club Communication & Management Platform

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Problem Statement

- Announcements scattered across WhatsApp, Discord, and email
- No centralized event or meeting management
- Manual attendance processes
- Low member engagement due to lack of structured interaction
- Club chats currently mixed with non-institute users on Discord

Impact

Missed information, reduced participation, inefficient coordination

Motivation

- Existing tools are not built for structured club workflows
- IIIT-specific ecosystem needed for communication and coordination
- Engagement should be meaningful and consistent
- Point-driven structure promotes healthy competition and contribution

"A platform designed for clubs — not a generic chat server."

Proposed Solution: ClubHub

A unified IIIT Sri City club platform with:

- **Club Chat** – Institute-only communication spaces
- **Announcements** – Central and organized updates
- **Event Management** – RSVPs and reminders
- **Meeting Scheduling & Attendance Tracking** – Admin schedules meetings and logs attendance
- **Polls** – Quick decision-making tools (+1 point)
- **Daily Question** – One per club per day (+1 point)
- **Volunteering System** – High-value contributions (+10 to +20 points)
- **Monthly Point System** – Points reset each month
- **Club Leaderboard** – Based on monthly points
- **User-Based Analytics** – Admin sees engagement metrics for each member

Tech Stack

Flask (Python), PyMongo, HTML/CSS/Bootstrap

User Engagement Features

- **Club Chat:** Institute-verified communication
- **Daily Club Question:** +1 point per answer
- **Poll Participation:** +1 point
- **Attendance:** +1 point for attending scheduled meetings
- **Volunteering:** +10–20 points for events/projects
- **Monthly Leaderboard:** Resets every month
- **Event Reminders:** Automatic notifications

Goal: Reward meaningful and consistent participation

Codebase Structure (Expected)

Directory Layout

```
clubhub/
  main.py
  website/
    __init__.py
    auth.py
    clubs.py
    events.py
    meetings.py
    chat.py
    polls.py
    daily.py
    points.py
    leaderboards.py
    admin.py
    models.py
    templates/
    static/
```

User Flow – Student

- Login → Join Club
- Access club chat
- View announcements and events
- View upcoming/past meetings and summaries
- Attend meetings (attendance logged by admin)
- Answer daily question → earn points
- Vote in polls → earn points
- Volunteer for events/projects → earn high points
- View monthly leaderboard
- RSVP for events and get reminders

User Flow – Club Leader / Admin

- Post announcements
- Create and manage events
- Schedule meetings and mark attendance
- Moderate club chat
- Post daily club question (+1 point for users)
- Assign volunteering tasks and allocate points
- View monthly leaderboard
- Open user profiles to see analytics:
 - Monthly points
 - Meeting attendance history
 - Poll participation
 - Daily question participation
 - Volunteer contributions
- Manage club members

How ClubHub Differs from Discord

- ① **Institute-Verified Roles**
- ② **Point-Based Engagement System:** Daily question, attendance, polls, volunteering
- ③ **Monthly Leaderboard:** Fair for new batches
- ④ **Meeting & Event-Centric Design:** Not just chat

Risk Factors & Mitigation

Risk	Mitigation Strategy
Time constraints	Strict phased milestones
Feature overload	Only essential modules included
UI delays	Bootstrap templates
Low engagement	Monthly points + leaderboard + volunteering system

Approach

Phase-based execution with feedback-driven iteration

Tasks to be Completed by 31 Dec 2025

- Revise presentation based on feedback
- Add point-based engagement modules
- Add meeting scheduling & attendance tracking
- Add volunteering + monthly leaderboard system
- Update codebase structure slide
- Update student/admin user flows
- Highlight differences from Discord
- Finalize risk mitigation plan
- Upload updated files as requested

Thank You

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