

# 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

- 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

Team: Epoch Innovators

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