Anti-Ragging Application for Students Safety

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***Abstract*—Ragging continuous tobe a serious concern in educational instituations, often resulting inn psychological trauma and academic disruption for students.Exitsting Measures such as awareness campagins and disciplinary regulations have limited impact due to the absence of accessable,real-time complaint mechanisms.This paper presents an Anti-Ragging Application that provides a secure,user-friendly platform for reporting and managing ragging incidents.**
Key features include real time complaint,real-time message alert, helping hand staff, multiple types of data can be store,video,audio,image supporting.The application Strengthens instituational accountability and empowers students to act against ragging incidents.
This work demonstration both technical feasibility and social relevance,contributing to safer campus environment and promoting student welfare through digital inclusion.

I. INTRODUCTION

Ragging,defined as any act of harassement, intimidation, or abuse directed towards students,remains a critical issue in educational institutions across the world.despite strict regulations and awarness campaigns,many causes go unreported due to fear of retaliation. Anti Ragging Application serves as a digital platform that impowers student to report incidents securely and friendly.The application integrates features such as instant complaint registration,real-time notification to authorities,case tracking through sql based databases,and multimedia supports for live proofs.The absence of a real-time,accessible,and confidential reporting system continuous to hinder effective prevention and resolution.This not only undermines student safety but also negatively impacts academic performance,mental health and institutional reputation.

II. PROCEDURE FOR PAPER SUBMISSION

1. Preparation of Manuscript

- Draft the paper following the standard format:
- Title: Clear and concise (e.g., “Design and Implementation of Anti-Ragging Complaint Management Application”).
- Abstract: 150–250 words summarizing objectives, methodology, and outcomes.
- Keywords: 4–6 relevant terms (e.g., ragging prevention, student safety, complaint management system).
- Introduction: Background on ragging issues, need for digital solutions.
- Methodology: System architecture, database design, complaint workflow.
- Results & Discussion: Testing outcomes, user feedback, performance analysis.
- Conclusion & Future Scope: Effectiveness and potential improvements.
- References: Properly cited sources in IEEE/APA format.

2. Formatting Guidelines

- Follow the conference/journal template (usually IEEE, Springer, Elsevier, etc.).
- Use Times New Roman, 12pt, double column (if IEEE).
- Maintain word/page limits (typically 6–8 pages for conferences).
- Include diagrams: system architecture, database schema, workflow charts.

3. Plagiarism & Originality Check

- Ensure similarity index is below 15–20%.
- Use tools like Turnitin, iThenticate, or Grammarly for plagiarism check.
- Verify originality of diagrams and code snippets.

4. Submission Process

- Choose Target Venue:
  - National/International Conference on Computer Science, IoT, or Student Welfare.

- Journals focusing on education technology or social welfare applications.
- Register/Login on the conference/journal portal.
- Upload Manuscript in PDF format.
- Provide author details (name, affiliation, email).
- Pay submission/registration fees if applicable.

5. Review & Revision
- Paper undergoes peer review (single/double blind).
- Address reviewer comments: improve clarity, add references, refine methodology.
- Resubmit revised version within deadline.

6. Acceptance & Publication
- Receive acceptance letter via email.
- Prepare camera-ready copy (final formatted version).
- Submit copyright form and author consent.
- Present paper (if conference) or await journal publication.

III. MATH

Complaint scoring and prioritization
Weighted risk score
- Idea: Score each complaint by severity indicators (keywords, location risk, past incidents, escalation level).
- Formula:

S=\sum _{i=1}^nw_i\cdot x_i

Softmax priority distribution
- Idea: Convert raw scores into priority probabilities to manage queues fairly.
- Formula:

p_i=\frac {e^ {\beta S_i}} {\sum _{j=1} ^me^ {\beta S_j}}

IV. HELPFUL HINTS

Content & Structure
- Highlight the social problem clearly: Begin with statistics or real incidents of ragging to establish urgency.
- Showcase novelty: Emphasize how your app differs from existing grievance redressal systems (e.g., faster complaint escalation, anonymity, multilingual support).
- Balance theory and practice: Include both technical details (architecture, database schema, workflow) and social impact (student safety, institutional compliance).
- Use case studies: Add a small pilot test or hypothetical scenario showing how a student complaint is handled step by step.

Technical Detailing
- System Architecture Diagram: Present a clear flow of complaint logging → verification → escalation → resolution.
- Database Schema: Show how student details, complaint records, and authority responses are stored securely.
- Security Features: Highlight encryption, role-based access, and anonymity options.
- Integration Possibility: Mention how the app could connect with university portals or government helplines.

References & Citations
- Cite government guidelines on anti-ragging (UGC regulations in India, for example).
- Reference academic papers on student safety, complaint management, and mobile applications in education.
- Use recent sources (last 5–7 years) to show relevance.

Submission Strategy
- Target the right venue: Journals/conferences in computer science, IoT, education technology, or social welfare.
- Follow formatting strictly: IEEE or Springer templates are common; don't deviate.
- Keep plagiarism low: Rewrite in your own words, and check similarity index before submission.
- Proofread multiple times: Review grammar, clarity, and flow errors can weaken credibility.

Impact & Presentation
- Emphasize student welfare: Reviewers value projects with strong social relevance.
- Future scope: Suggest features like AI-based complaint categorization, multilingual support, or integration with police portals.
- Keep it concise: Avoid jargon-heavy explanations; clarity is key.

- Prepare a summary slide deck: Helps during viva or conference presentation.

VI. PUBLICATIONPRINCIPLES

1. Integrity & Honesty
- Research must be conducted and reported truthfully.
- No fabrication, falsification, or selective reporting of data.
- Proper acknowledgment of all contributors and funding sources.

2. Originality & Novelty
- Papers must present new insights, methods, or applications.
- Plagiarism is strictly prohibited; similarity index should be low.
- Reuse of previous work (self-plagiarism) must be clearly cited.

3. Transparency & Clarity
- Methods, data, and results should be described clearly enough for replication.
- Conflicts of interest must be disclosed.
- Peer review feedback should be addressed openly.

4. Accessibility & Dissemination
- Published work should be accessible to the academic community.
- Open access is encouraged to maximize impact.
- Clear formatting and adherence to journal/conference guidelines.

5. Ethics & Responsibility
- Respect ethical standards in research involving humans, institutions, or sensitive topics.
- Ensure compliance with publication ethics (COPE, ISC guidelines).
- Avoid duplicate submissions to multiple journals.

6. Accountability & Review
- Authors are accountable for the accuracy of their work.
- Editors and reviewers ensure fairness, confidentiality, and constructive feedback.
- Corrections or retractions must be issued if errors are found post-publication.

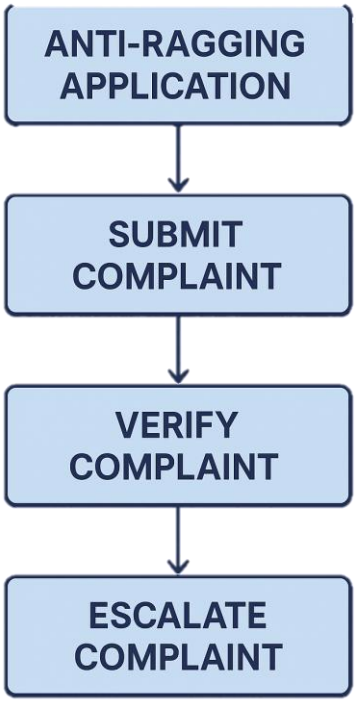
VII. CONCLUSION

Ragging continues to a serious treate to student welfare,despite the presence of regulations and awarness initiatives.,The lack of effective,accessible,and confidential reporting mechanisms often prevents timely intervention, leaving many cases unresolved..The proposed Anti-Ragging Application addresses this gap by offering a secure,user friendly, and inclusive digital platform for complaint registration,case,and real time alerts to authorities

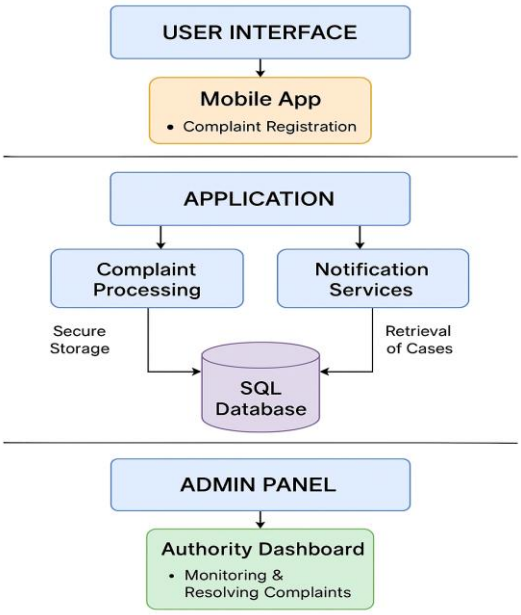
Through features such as anonymous reporting, SQL based secure data management, and multilingual support,the system ensures both confidentiality social relevance,thereby strengthening institutional accountability and empowering student to act against ragging without fear.

VIII. APPENDIX

System Architecture Diagram:



Short flow Diagram of Anti-Ragging Application for student Safety



Anti-Ragging Application Architecture

IX. ACKNOWLEDGMENT

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Finally,we acknowledge the contribution of various researchers,developers,and open-source communities whose word inspired and informed our design,This project is dedicated to promoting student welfare and fostering a safer,more inclusive educational environment.

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