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No paragraph should have its opening line at the bottom of a page. A clear, consistent, but not too large a separation must be provided between the paragraphs throughout the thesis.

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**Final copy should be submitted in PDF format**

**CSE1901 - Technical Answers to Real World Problems (TARP)**

**Project Report**

**Title**

*By*

Reg. No Name

B. Tech Computer Science and Engineering

*Submitted to*

**Faculty Name**

**School of Computer Science and Engineering**

****

*April 2022*

*­­­*

**DECLARATION**

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I hereby declare that the report titled “**Project Title”** submitted by me to VIT Chennai is a record of bona-fide work undertaken by me under the supervision of **Faculty Name**, School of Computer Science and Engineering, Vellore Institute of Technology, Chennai.

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Signature of the Candidate

**(To be (digital)signed by the student)**

**(Type the name of the student)**

**Reg. No. XXXXXXX**

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i

**CERTIFICATE**

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Certified that this project report entitled “**Project Title”** is a bonafide work of **Name (Reg. No), Name (Reg. No) , Name (Reg. No)** and they carried out the Project work under my supervision and guidance for CSE1901 - Technical Answers to Real World Problems (TARP).

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**Faculty Name**

SCOPE, VIT Chennai

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ii

**ACKNOWLEDGEMENT**

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**(To be (digital)signed by the student)**

**(Type the name of the student)**

**Reg. No. XXXXXXX**

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iii

**ABSTRACT**

Bullying is a common phenomenon in schools and universities throughout the country and there has been a concerted effort to put an end to bullying and ragging in our educational institutions. But the first step to end bullying is the students being able to report this matter to the authorities, students fear that their bullies will get to know that they have filed a complaint on them which leads to more bullying and harassing of the student, our project will try to deal with this issue.

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**1. Introduction**

* 1. **Objective and goal of the project**

The main objective of this project is to make an application to mitigate bullying or ragging in a way such that the user remains anonymous. Any kinds of ragging or bullying practices can be altered or shared using this project platform. The anonymous feature is to make sure that the identity of the user is safe and secure. The overall goal is to make the students to develop trust in the school or college department and turn up in order to report any harmful activities.

* 1. **Problem Statement**

Bullying or ragging is becoming common in most of the colleges or schools. The students being ragged or bullied is afraid of taking that issue to the staffs seeking their future revolt. This platform lets them anonymously report the activity without revealing their identity. The anti-bullying module comes under the guise of an anonymous blog posting app such that the user doesn't feel insecure about installing an app. Underneath the blog module, we will have an emergency portal which will generate address and time of usage to send out a beacon of distress or violence to curb bullying/ragging and authorities will be notified. Our application will have an report

uploading option where a victim/party can upload any sort of proof that they might have to help in catching the perpetrators.

**2. Literature Survey**

Bullying behaviours are frequent regardless of international variation and the

randomized data of the study maintains the ambiguity to quantize bullying and it’s

effective anti-measures **[1]**. Safe2Tell program which is a public-private

collaboration led by Colorado Attorney General John Suthers. Its objective is to

provide a secure and anonymous means for all Colorado children, parents, teachers,

and community members to report any concerns about their own or others' safety,

with a focus on early intervention and prevention via awareness and education **[2]**.

this paper fails to validate the submitted report and the report is taken in the form of a

tip rather than a proper report. **[3]** The article had researchers analyzing data from 12

databases and narratively synthesize the data to implement changes brought by parent

involvement and policy changes in school/college administration which included

impact of interventions which was soon ruled out to be effective yet temporary in

terms of solution.The article switches to drug-use and smoking which contribute in

bullying nature in people and ruled it as arbitrary evidence but still concluded that

health interventions could be used in preventing bullying. **[4]** Cyber Bullying is a

similar act increasing day to day. With respect to that this research was made to create

a computer model that can detect and quantify cyberbullying on social networking

sites. In this article, they proposed and illustrated BullyBlocker, a Facebook software

that detects cyberbullying and alerts parents when it occurs. Here, this paper limits its

boundary only to cyberbullying. **[5]** This study explores the edge cases of anonymous

reporting channels in successfully uncovering corporate fraud. This paper explores the

effectiveness of anonymous reporting systems in corporate fraud. **[6]** Bullying

prevention programs can be effective in reducing bullying and victimization among

school-aged youth, there is a great need for more work to increase the acceptability,

fidelity, and sustainability of the existing programs in order to improve bullying-

related outcomes for youth. The findings from this review are intended to inform both

policy and public health practice related to bullying prevention. **[7]** This article can be

used as a template for most anti-bullying applications freely available on today’s

devices.It is remarkable that the paper’s core depth analyzes the impact and the need

of such applications and yet the implementation is contrary to it’s principles and

usage.The paper suggests that the application will not be responsible for solving

conflict or counsel it’s users.The application would not moderate the contents of

user’s complaints and will not be responsible or liable for the content and action taken

on behalf of users and his/her complaints. **[8]** This study examines the worldwide

scope of corruption, discusses its social and economic effects, and presents a

methodology for preventing corruption that includes corporate governance procedures,

internal controls, and red flag analysis. This study limits its scope within the

corruption sector. **[9]** Most principals understand the global realities of the problem—

that an estimated 15% to 30% of students nationwide are either bullies or victims; that

bullying encompasses a spectrum of aggressive behaviours ranging from overt acts of

physical violence to far more subtle, yet equally destructive. Paper **[10]** evaluates the

effects of an anti-bullying intervention programme targeting the group as a whole.

Class teachers who attended a 1-year training course carried out the interventions in

school classes. **[11]** Differences in bullying rates between schools could be explained

by school efficacy. This study examined the relationships among teachers’

perceptions of principals’ practices, school climate, and school collective efficacy to

prevent bullying. The sample comprises 403 Mexican elementary-school teachers;

35% were male, and 65% were female. **[12]** The anonymous applications allow users to send messages to other users while concealing their true identities. People can

debate or exchange unusual or unwelcome messages with others anonymously, which

may be subject to greater scrutiny if shared on other traditional forums.

**3** **Requirements Specification**

3.1 **Hardware Requirements**

The hardware requirements includes a computer system with any OS, or any portable mobile devices. Proper network connection setup.

3.2 **Software Requirements**

1. **System Design**

**5 Implementation of System**

This section should cover the detailed approach followed for the implementation of the project.

1. In case of Hardware or Experimental Projects–detailed experimental approach followed, measurement setups, process steps, experimental setup (diagrams) etc.
2. In case of simulation, modeling, programming techniques, the programming steps, flow charts, simulation results, verification of the approach followed.

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(Above numbering pattern should be followed for Sections and sub-sections)

**6. Results and Discussion**

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Analysis of the results - may contain plots, simulated results, synthesis of process, Interpretation of the results. Comparison of the results with the published data and deviations /improvements if any.

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**7. Conclusion and Future Work**

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Any innovative component can be stated here

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(Above number pattern should be followed for Sections and sub-sections.)

**8**. **REFERENCES**

**[1]** Gaffney, H., Farrington, D.P. & Ttofi, M.M. Examining the Effectiveness of

School-Bullying Intervention Programs Globally: a Meta-analysis. *Int Journal of*

*Bullying Prevention* 1, 14–31 (2019).

**[2]** Payne SR, Elliott DS. Safe2Tell® : an anonymous, 24/7 reporting system for

preventing school violence. New Dir Youth Dev. 2011 Spring. **[BASE PAPER]**

**[3]** Shackleton N, Jamal F, Viner RM, Dickson K, Patton G, Bonell C. School-Based

Interventions Going Beyond Health Education to Promote Adolescent Health:

Systematic Review of Reviews. J Adolesc Health. 2016

**[4]** Y. N. Silva, C. Rich, J. Chon and L. M. Tsosie, "BullyBlocker: An app to identify

cyberbullying in facebook," 2016 IEEE/ACM International Conference on Advances

in Social Networks Analysis and Mining (ASONAM), 2016.

**[5]** Johansson, Elka & Carey, Peter, Detecting Fraud: The Role of the Anonymous

Reporting Channel, Journal of Business Ethics, 2015.

**[6]** Bradshaw CP. Translating research to practice in bullying prevention. Am Psychol.

2015

**[7]** Shah, Ayaan . Exploration of mobile app as a reporting solution to bullying in

Indian schools. International journal of computer application. 2020

**[8]** Peltier-Rivest, Dominic, A model for preventing corruption, Journal of Financial

Crime, 2018.

**[9]** Olweus, Dan. Bully/victim problems in school: Facts and intervention. European

Journal of Psychology of Education.1997.

**[10]** Salmivalli C, Kaukiainen A, Voeten M. Anti-bullying intervention:

implementation and outcome. Br J Educ Psychol. 2005

**[11]** Reyes Rodriguez, Ana & Valdés, Angel & Vera Noriega, Jose & Parra-Perez,

Lizeth G. Principal’s Practices and School’s Collective Efficacy to Preventing

Bullying: The Mediating Role of School Climate. 2021

**[12]** R. Fernando, B. Bhargava and M. Linderman, "Private Anonymous Messaging,"

IEEE 31st Symposium on Reliable Distributed Systems, 2012.

**APPENDIX** <Sample code, snapshot etc.>

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