

RHGE PRESENTATION CIENA SOLUTION



RISING HOPE
GIRLS EDUCATION

RHGE CIENA SOLUTION COVER PAGE

Project Name: **SRGBV School Safety Campaign: Safe School Reporting Techniques**

Big Idea: **School safety.**

Essential Questions: **How can schools create trusted reporting systems to reduce under-reported SRGBV and prevent future harm?**

Team Members: **Oghogho Ahanor, Gift Friday, Peace Friday, Olamide Akinola, David Ahanor.**

School/Organization: **Rising Hope Girls Educational Foundation**

Location/City/Country: **Kubwa, Abuja, Nigeria.**

OUR MISSION

To Rise Hope in deprived indigent communities by education, driving gender equality to the grassroots, build social inclusive culture for a sustainable development and empowerment.

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- **What Challenge does your project address?** We noticed the high prevalence and under-reporting of School-Related Gender-Based Violence (SRGBV) in schools and also the project highlights to solves lack of preventive measures in tackling rising and escalating incidence of school violence in the communities. National data show that about 60% of adolescents experience violence before age 18 (UNICEF,2015), with many first exposed between ages 6–11, while SRGBV prevalence ranges from 23% to nearly 59% across education levels. Despite these figures, reporting remains limited as students have noted fear, stigmatization, disclosure, lack of reporting channels, poor internet access as barriers for safe school reporting etc.
- **Why did your Team select this topic or Challenge?**
 - The solutions opens channels that can support reporting of school violence in rural and urban schools
https://drive.google.com/file/d/192RwospKC5TBeh_orpiZUf55GNSkt9Hw/view?usp=sharing
 - Provides new techniques/tools in supporting ongoing campaign against growing incidence of School Related Gender Based Violence (SRGBV), which affects especially girls in our school/communities with threats of sexual harassment issues increasing
 - Opens new learning opportunities for girls/boys to have access to digital use of technology for learning and creating solutions in coding and use of applications for codesigning solutions.
 - Drives digital literacy programs with evidence based learning and project based learning in Coding and cognitive use of application
 - Synergizes stakeholders and schools with safe learning tool kits that can promote SRGBV impacts and create safe school cultures in schools
 - Modeling safe school preventive measures in schools will reduce incidence, ensure coordinated solutions and quick response to cases, support student advocacy in their schools and build safe school culture across the regions and communities.



How is it a world problem or concern?

The Issues of Safe school is a global challenge were our student research work showed that over 500 million school age children and adolescents live in countries where schools face threats ranging from conflicts to natural disasters and gangs to gender –based violence. It was reported that this hidden crisis without urgent action will rise by 2030 to over 620 million young people- almost one in three. |*Safe Schools Report: The Hidden Crisis, Huge Challenges and Actions Needed to Educate Every Child.* [Safe Schools report: the hidden crisis, the huge challenges and the actions needed to educate every child](#)

Student research work in the Ciena solution activities showed that the challenge of safe school is both local and violence against children is pervasive in the world. The **UNICEF Violence Against Children Survey (VACS)** Around **60 % of young people globally** report experiencing physical, sexual, or emotional violence before turning 18. More than **half of affected youth** reported first experiencing sexual violence between ages **6 and 11**. Between **10 % and 65 % of youth** experience bullying or school violence in different countries. These figures illustrate that **violence exposure is widespread**, affecting both boys and girls across regions. [REPORT.cdr](#)

School-Related Gender-Based Violence (SRGBV) is acknowledged as a major barrier to learning and wellbeing by global institutions. UNESCO estimates that in some countries, up to 1 in 3 girls experience sexual violence at school. SRGBV includes bullying, harassment, physical violence, and psychological harm that occur in and around school settings. SRGBV is recognized in global education frameworks as a critical threat to safe learning environments, affecting learning outcomes, increasing rates of drop out, which poses a threat to actualize SDG 4.0 and 5.0 across communities, nations and the globe.



1. Student discussions and research during the Ciena Solution activities revealed that SRGBV issues are widespread across community schools, with different risk patterns by location. While some schools experience higher cases of sexual violence, others face challenges such as gangsterism, bullying, and school fights. Locally, schools in Kubwa (GSS/JSS) reported high levels of gangsterism and bullying; Byazhin reported school violence and sexual threats; Jiwa reported sexual harassment and early marriage concerns; and Dutse reported bullying as a major issue.

<https://drive.google.com/file/d/1GiIAP2eAlzfTSwTjJzhjVDrYJQGsCooK/view?usp=sharing>.

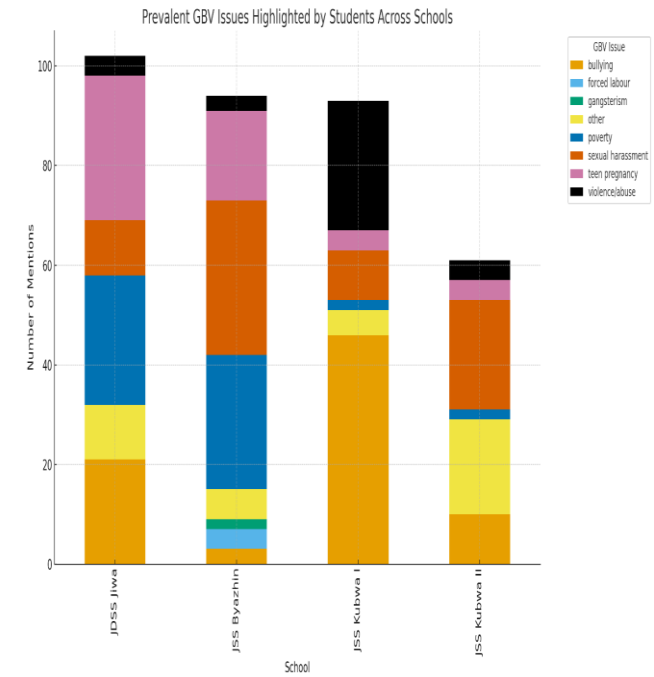
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2. Issues of Fear of reporting was discussed among the students as one of the principal reasons for non disclosure of threats made for sex as it would tarnish their images and cause reprisal attacks in cases related to gangsterism etc. Also lack of reporting systems in public schools, poor access to internet for reporting, poor follow-up by G&C. Need to have safety club in schools to support promotion of Safe school/SRGBV handling etc.

3. Student also noted that using Technology and other creative solutions, could be leveraged to support safe school reporting systems, engage learners codesigning of the solutions that can support non disclosure of information during reporting in order to protect the reporter and systems that can be used in rural settings where there is no internet, hence the codesigning of the solution for non internet users would help many in the regions to report their cases

4. We have found that community partnership, with educational stakeholders of the schools, the NGO, the digital professionals etc can drive the impact of the work in a larger way in addressing Safe school challenges in our regions/nation at large. Also, student can now translate their safe school designs into their school environment as part of SRGBV campaign and be part of social change makers for their schools/communities. Having safe school clubs would be important to educate their peers and sustain the solution impact in instilling safe school culture.

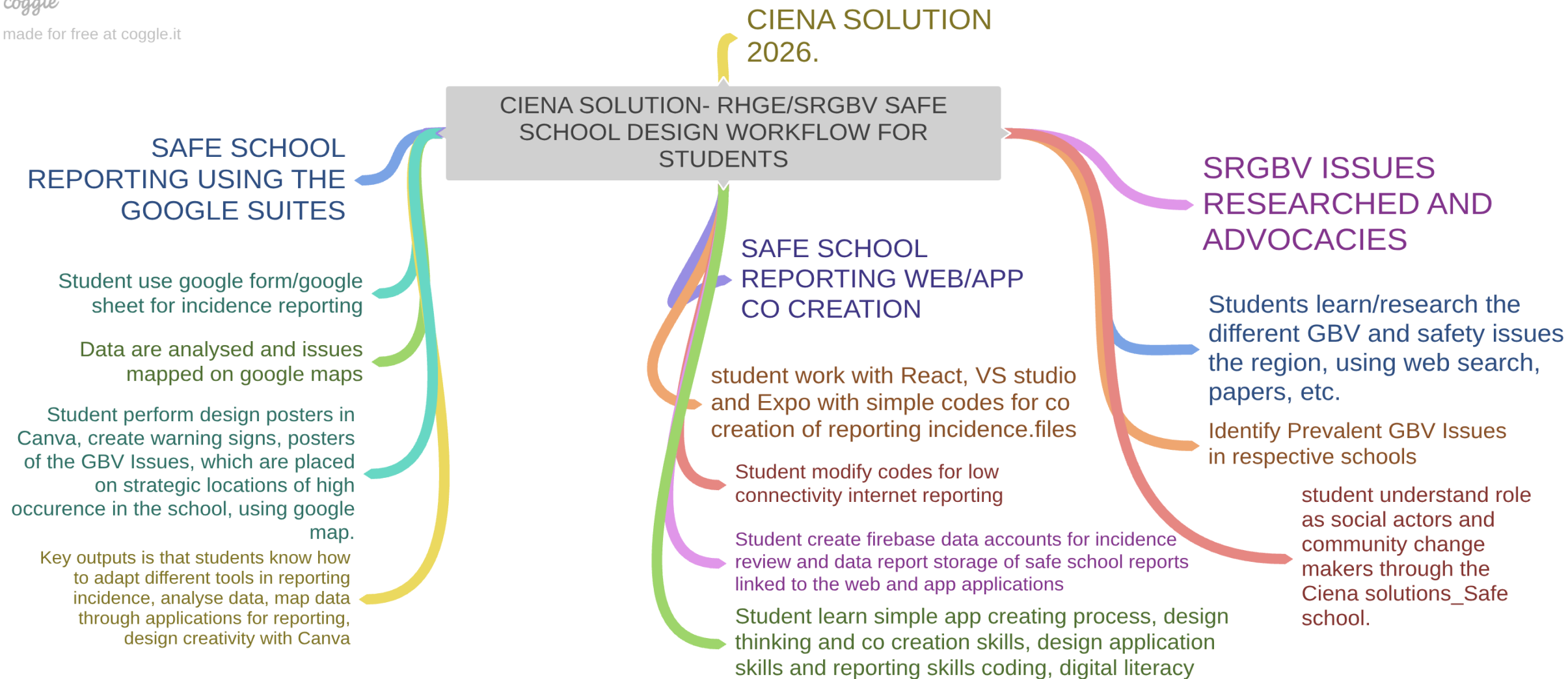
5. The Ciena solution activities/projects is impacting their digital use skills drive Project based Learning and digital literacy skills in data handling, creative designing, coding etc coevally as shown with this project. Using guide workflows and code sheets, has proven to help student learning in this project codesign with support of NGO volunteer instructors.



ACTION/ Project Co Design Student Work flow

coggle

made for free at coggle.it



ACTION

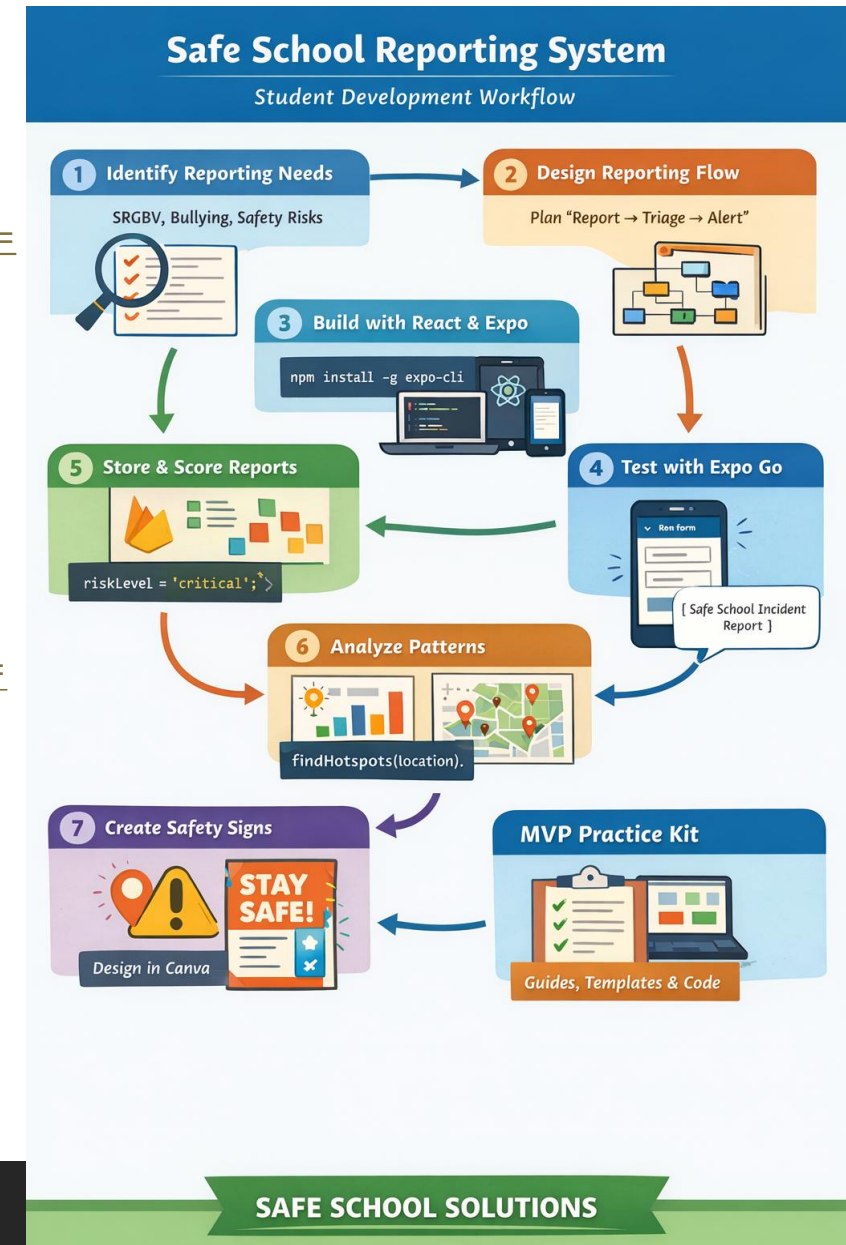
1. On a broader community action engagement the safe school initiatives and SRGBV campaign awareness has already featured in schools as part of community advocacy for student engagement and social awareness. See RHGE safe school link with DRPC/NSI: https://www.instagram.com/reel/DNfpi2hxmTd/?utm_source=ig_web_copy_link&igsh=MzRIODBiNWFfZA==

2. Student selected from different schools across the regions to perform Ciena solution activities with evidenced based learning in app and web creation in codesigning reporting cases of SRGBV / Sexual Harassment, Bullying / Threats", Violence / Weapons Rumors/Militant movements, Unsafe Infrastructure, "Online Abuse / Extortion. (See student Code design workflow and design thinking workbook. <https://drive.google.com/file/d/1jAB9RsAlNvQsYaFMHAMnHJwJoKdpNKzz/view?usp=sharing>.

3. Student work on alternative reporting channel with Google form, Google sheet, Google mapping of Issue on School environment.

4. Perform creative safe school preventive signs and banner for their schools with Canva.

See our Ciena student activities pictures: https://drive.google.com/drive/folders/1-gaPDg_wJlGboKsSfoX3Ht4_IWdK3wOq?usp=drive_link

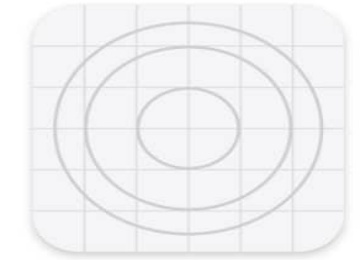
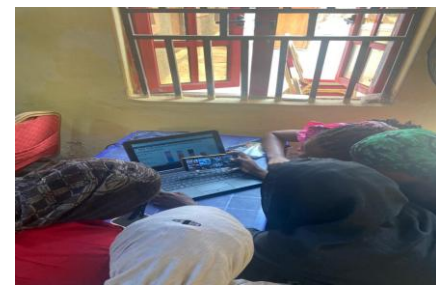
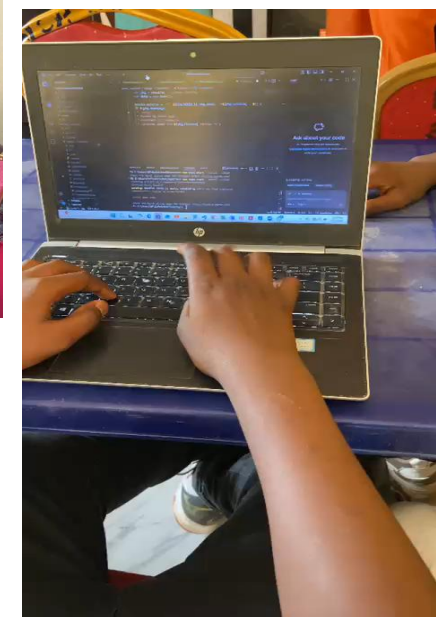


ACTION/ EXPO GO APP/WEB OUTPUT.

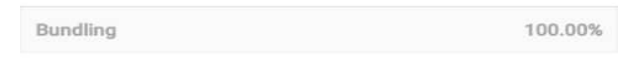


1. Students engaged in Codesigning with React Native, VS Code and Expo GO .

2. Perform Live Code with work flow: <https://drive.google.com/file/d/1jAB9RsAlNvQsYaFMHAMnHJwJoKdpNKzz/view?usp=sharing>



SafeSchoolReporter



ACTION/ EXPO GO APP/WEB OUTPUT.



14:44 95

Safe School

Safe School Reporting

You can report safely. Anonymous reporting is allowed. If you are in immediate danger, meet a trusted adult now.

Report a Concern

14:44 96

Report a Concern

Report Details

School ID
school_001

Category
SRGBV **Bullying** Threat
MentalHealth Infrastructure
OnlineAbuse Other

Location
e.g., toilet area, classroom, gate, route to

Describe what happened (no names if possible)
Write what you saw or experienced...

Immediate danger?

Threats made?

Involves a staff member?

14:52 100

Report a Concern

Location
Toilet area

Describe what happened (no names if possible)
Threat for sex

Immediate danger?

Threats made?

Involves a staff member?

Has happened before?

Do you want follow-up?

Safe contact (optional)
+2349162078736

Review & Submit

14:47 99

Review

Network: Online

Risk: AMBER (55/100)
Category: Infrastructure
Location: Broken fence open for possible militants incursion
Sudden falling of the school fence, this has made the school vulnerable to attacks by bandits and also weakened the structural foundation of the remaining fence, making it a risk to students.

Submit Report

Offline support: if there's no internet, the report is saved on this phone and auto-syncs later.

14:53 100

Submitted

Report Submitted

Your tracking code:
KQ3F4MPA

Risk level: RED

If you are in immediate danger, contact a trusted adult or school safeguarding lead now.

Back Home

ACTION EXPO GO APP/WEB RESULT DESCRIPTION



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1. APP shows Report a concern
2. School ID (Name of School that issues are reported from)
3. Category of issues to report, e.g online abuse, SRGBV harassment, Bullying, infrastructure, other etc.
4. location where issue happened e.g school gate, toilet area, en route school, classroom etc
5. Description of Incident.

7. Risk calibration bars i.e. if student is in immediate danger, if the issue happened before, if it involves staff member. The app responds with RED alert for quick response

8. If the reporter wants a follow up and details on how that could be reached for further help/assistance. (this they can choose to report issues in anonymous)

9. Incidence is review before submission and a Risk profile color is indicated BLUE, AMBER /RED

10. Case is submitted and beneath the submit button is issue can be reported even with no internet and as soon as internet access is restored it would indicate on the data base in Firebase.

11. At submission an incidence report tracking code is issued by the App.

**See student app web
Link access.**

**[https://moonlit-
malasada-
8bf7e7.netlify.app/](https://moonlit-malasada-8bf7e7.netlify.app/)**



FIRE BASE STORAGE of EXPO GO Report Submission

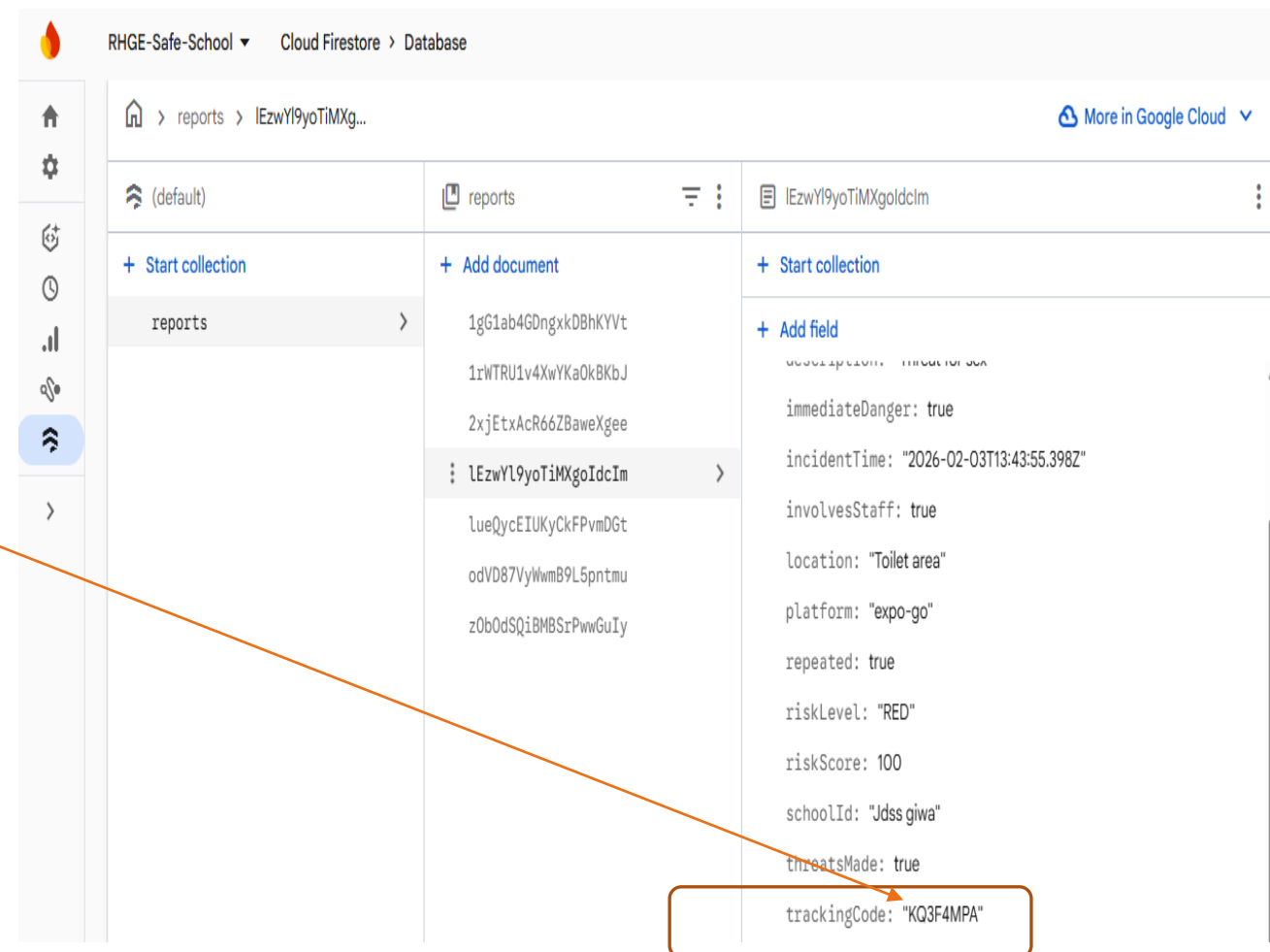
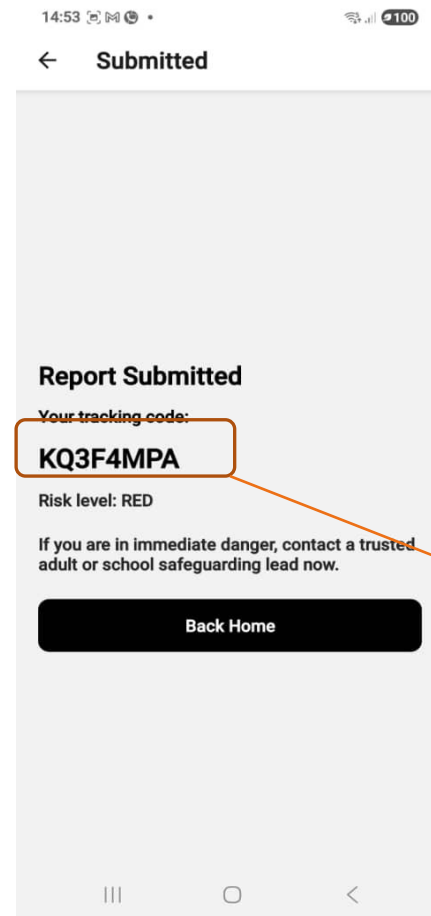


1. Student can create a firebase database where the safe reports are stored, from the EXPO APP and WEB reports entry submission.

2. An example of the EXPO submission with case tracking code KQ3F4MPA.

3. All details and the risk score are captured for immediate action on that issue. See Link of firebase reports and Expo Go safe school reporter

https://drive.google.com/drive/folders/1eY4_z3xz0PImtDyC_IpCYJLUWvmzq4nY?usp=drive_link



ACTION REPORT OF GOOGLE Work Space/ NON Code solution



1. Student Create Incidence form with Google Form. Report Incidence issues using the Google form.

https://docs.google.com/forms/d/11g6U3zJH51zj_toq8mn8YonPW8zoWd2xRc3iroJ8hiU/edit

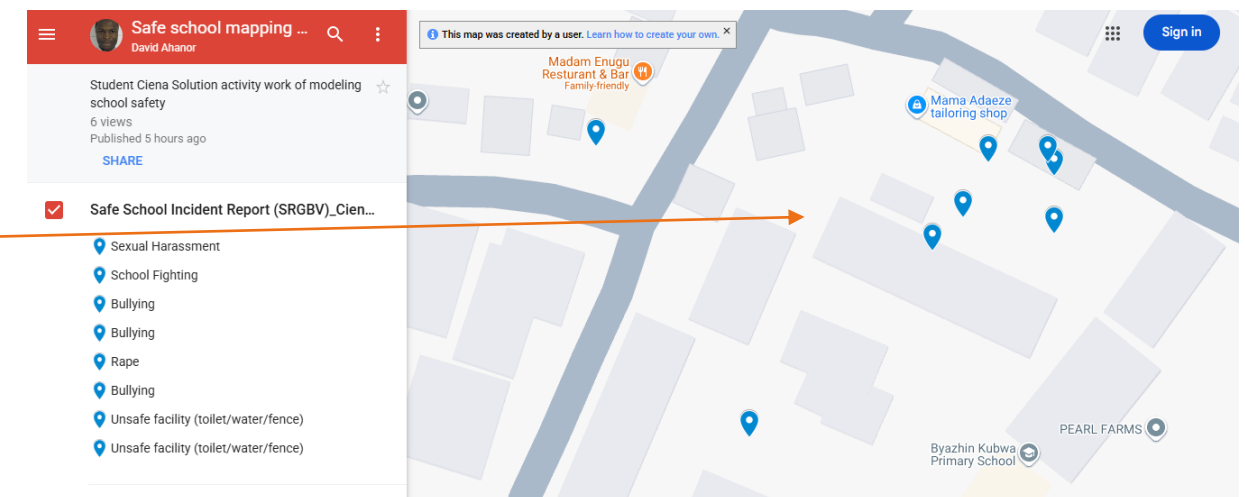
2. Access the Google Sheet from the Entries.

https://docs.google.com/spreadsheets/d/1e9oJC43_sIPOggH2Ldxfk0lLgnN1MQ5Xnc2CmnpHXPK/edit?usp=sharing

3. Enter Google sheet data on Google my maps Google. It shows the “hotspot GBV areas” in the school environment with prevalent Safe school issues for action.

<https://www.google.com/maps/d/u/o/edit?mid=1Vv4uBDQMklFaYAXPPQO4lAkqPocENMg&usp=sharing>

Timestamp	What happened and the SRGBV issue that you	Does it occur all the time?	Issue Type	What latitude?	School Area that Issue happened
10/21/2025 13:30:04	sexual harrasment	high	Sexual Harassment	9.172779	Back Path
10/24/2025 14:45:48	school fighting	high	School Fighting	9.172736	Gate
10/24/2025 14:59:20	Crowding and bullying	Low	Bullying	9.172625	Sports Stand
10/24/2025 15:02:14	Bullying and verbal abuse	Moderate	Bullying	9.172351	Corridor A,
10/24/2025 15:04:42	Rape of a girl student	Low	Rape	9.172651	Back Path
10/24/2025 15:41:40	Bullying and extortion	Moderate	Bullying	9.172755	Canteen Area
10/24/2025 15:49:27	Falling fence in the school compound	Low	Unsafe facility (toilet/wc	9.172675	School fence boundary
10/24/2025 15:55:39	Roofing caving in on students during class room	Low	Unsafe facility (toilet/wc	9.172755	Classroom



CANVA DESIGN ENSIGNAGE BY STUDENTS



1. Student Design different Safe School Signs and banners which will be placed in SRGBV hotspot areas identified in the student activity google maps in the school environment.
2. Signs would serve as prevention and reporting channels.

See link of Canva based designs.

https://drive.google.com/drive/folders/16MwKOUxluu3CdNN1_AvK5rtjiUToX5Fu?usp=sharing



NO SEXUAL HARRASSMENT



- NO Touching or Threat
- NO Sexual Jokes or Pressure
- NO Sexual Gestures or Indicent behaviours

**REPORT TO
AUTHORITIES**



**RHGE CIENA
SOLUTION**



Report to authorities



ACTION | SOLUTION IMPACT ON COMMUNITY



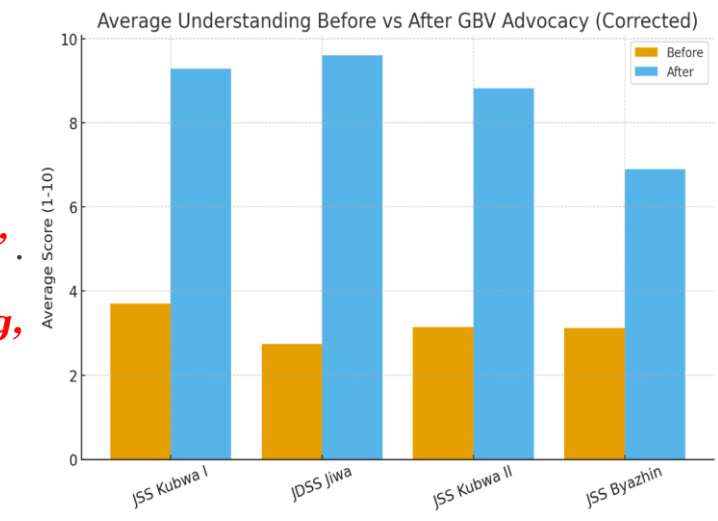
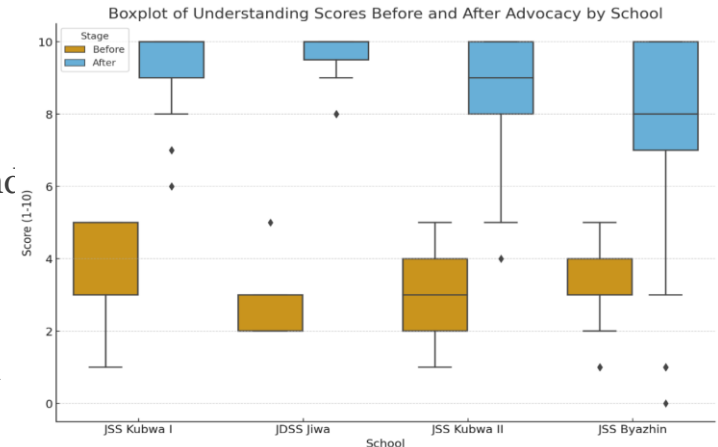
The solution impact on schools/community:

1. We have supported more than 10 regions in direct in SRGBV advocacies in region of Byazhin, Dutse, Kubwa, Dai - Dai Jiwa, Gwarinpa, Mpape, Sokale, Kuje, Pasali of The FCT Abuja communities in open advocacies of safe school and reporting channels for incidence handling. More 1500 students have been reached
2. The initiative has brought support from stakeholders as FCT Universal Education Board UBEB/ Secondary Education Board SEB, partners as Development Research project Centre (DRPC) through the Ford foundation NSI, are driving public awareness in SRGBV handling. This underscore key interest in SRGBV handling and promotion in our communities
3. Student use of digital access tools through our Ciena solutions has shown to impact digital skills/literacy in tools and improvement SRGBV awareness. New digital labs has been created for student PBL in our solution actions in Schools in Dutse, Byazhin, Kubwa. | See students testimonies below

Here is the quote of Edwin Gift Onyinyechi a secondary school student of GSS, SS3 Kubwa about the Ciena solution Impact: ***“ I thank RHGE & Ciena solution for this opportunity, given to us, I have never used Canva before, but now I can design things with it and also know how to research with the web on issues concerning my communities, truly I thank you so much for your help in supporting our learning ”***

My name is Ola Daniel from Jethrone Eagles Academy. ***“ The Ciena solution has opened my eyes on coding, how to code and build applications, I thought this is for rich children to do and something too difficult, but now I have a new mindset, thanks to the Ciena solution and RHGE organisers ”***

(See student Feedback assessment report on Ciena Solution activity_ safe school solution: https://drive.google.com/file/d/1UPQDGMHrCDwO-Ojod3UPJ98MR-5S4tjk/view?usp=drive_link



ACTION IMPACT ON SDGs/ CONCLUSION

Our Impact drive in our community in supporting SDG Frameworks.

- SDG 4 – Quality Education
Ensuring inclusive, equitable, and safe learning environments where students can learn without fear of violence.
- SDG 5 – Gender Equality
Addressing School-Related Gender-Based Violence (SRGBV), empowering girls, and promoting gender-safe schools.
- SDG 16 – Peace, Justice and Strong Institutions
Promoting safe institutions through trusted reporting systems, accountability, and violence prevention.



CONCLUSION

Sustainability awards Grant would help

1. To drive safe school reporting to rural and semi rural areas
2. Sustained student tool codesign development to other schools in learning and project actions
3. Integrate safe school design kits for school safe school clubs and enhance safe school culture in the region.



THANK YOU