**Final Project (For BS-CY: Sections A)**

**(SS-2043–Civics and Community Engagement Spring-2025)**

**Due Date and Time: Monday, 5 May, 2025 (11:00AM) 100 Marks-40 Absolutes**

**National University**





**of Computer & Emerging Sciences-Islamabadd**

**Fast School of Computing**

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**FAST School of Computing**

**Civics and Community Engagement Guidelines**

**Year 2025**

National University of Computer and Emerging Sciences, Islamabad

FAST School of Computing



Title : The Cyber Circle

Submitted by:

Team members : Fatima Naeem 23i-2046 Rumaisah Haroon 23i-2106 Sarita Sangrez 23i-2088 Amna Ali 23i-2067 , Ahmed Bhatti 23i-4586 , Subhan Umer 23i-2054

Bachelors of Cyber Security

Date of Submission : 5th May 2025

Lecturer:

Ms. Tayyaba Waseem

**Project Title The Cyber Circle**



**Names, Roll No. (of all members) : Team members : Fatima Naeem 23i-2046 Rumaisah Haroon 23i-2106 Sarita Sangrez 23i-2088 Amna Ali 23i-2067 , Ahmed Bhatti 23i-4586 , Subhan Umer 23i-2054**

**Lecturer : Ms. Tayyaba Waseem**

**Word Count:\_\_\_**

Author’s Declaration

We Fatima Naeem, Rumaisah Haroon, Sarita Sangrez, Amna Ali, Ahmed Bhatti, and Subhan Umer hereby state that our Civics and Community Engagement project titled “The Cyber Circle” is our own work and it has not been previously submitted by us for taking partial or full credit for the award of any degree at this university or anywhere else in the world. If our statement is found to be incorrect, at any time even after my graduation, the University has the right to revoke my degree.

Names of all members : Fatima Naeem, Rumaisah Haroon, Sarita Sangrez, Amna Ali, Ahmed Bhatti, and Subhan Umer

Dated: 5th May 2025

Plagiarism Undertaking

We take full responsibility of the work conducted during civics and Community Engagement project titled, “The Cyber Circle”. We solemnly declare that the work presented in the project is done solely by me and my group with no significant help from any other person; however, small help wherever taken is duly acknowledged. We have also written the complete report by ourself. Moreover we have not presented this project (or substantially similar work) or any part of the project previously to any other degree awarding institution within Pakistan or abroad.

We understand that the School of Computing of National University Computer and Emerging Sciences has zero tolerance policy towards plagiarism. Therefore we as an author of the above mentioned work solemnly declare that no portion of our report has been plagiarized and any material used in the project from other sources is properly referenced.

We further understand that if we are found guilty of any form of plagiarism in my project work even after my graduation, the university reserves the right to revoke my bachelors degree.

Names of all group members with signatures : Fatima Naeem, Rumaisah Haroon, Sarita Sangrez, Amna Ali, Ahmed Bhatti, and Subhan Umer

Dated: 5th May 2025

Executive Summary (16pt Font Size)

Font size: 12  
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 Justified  
Line Spacing: 1.15  
Margins: Normal (1.2(Left Side for Binding), 1, 1, 1)

Acknowledgement (Optional)/Dedications (16pt Font Size)

Font size: 12  
New Times Roman  
Justified  
Line Spacing: 1.15  
Margins: Normal (1.2(Left Side for Binding), 1, 1, 1)

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Introduction

*The Cyber Circle* is a community service initiative carried out by a team of six dedicated members - Fatima Naeem, Rumaisah Haroon, Sarita Sangrez, Amna Ali, Ahmed Bhatti, and Subhan Umer - as part of the Civics and Community Engagement course. The project was designed to fulfill a requirement of 16 credit hours of community service, which we completed through weekly visits to six different schools across Rawalpindi and Islamabad. These included Hope School, GSIS School, Khalida Iqbal School, Sallama School of Educational Excellence, Kaiynaat School, and Modern Languages School. We conducted two-hour sessions in each school, with GSIS and Sallama School visited twice to build on previously taught material and reinforce engagement.

The main objective of Cyber Circle was to raise awareness about cyber security among school children in grades 4 to 8. Our target was mostly those children who belonged to underprivileged educational institutes with less resources. The modern world continues to become more digitally connected everyday which also contributes to the rise in cyber crimes. So, this makes it crucial for the youth to aquire knowledge on how to protect themselves online even at a basic level. Our sessions were modified according to both the technical exposure and age level of the children in each school. In some schools with limited technical knowledge, we focused on general safety awareness. In others, the topics we covered were strong password creation, scam identification, and the risks of sharing information online.

This project hold immense importance as it addresses a significant disparity in digital literacy among children belonging to underrepresented communities. Most of the students we interacted with were familiar with social media, online games, and basic internet use. However, they had limited knowledge and awareness on how to explore these spaces safely. By providing them with basic cyber security understanding, we aimed to empower them to make safer online choices.

Our project aligns with multiple United Nations Sustainable Development Goals (SDGs) that meet our goals. Firstly, it aligns with SDG 4 - Quality Education. It supports SDG 4 by ensuring inclusive and fair education through digital literacy. Moreover, it also contributes to SDG 16 - Peace, Justice and Strong Institutions. Thisis by raising awareness about personal online safety and responsible digital interactions among youngsters. With The Cyber Circle, we aimed to plant the seeds of long term digital responsibility, safety, and empowerment in the minds of our future generation.

**PROJECT DESCRIPTION**

The Cyber Circle project spanned eight weeks, covering Islamabad, Rawalpindi, and nearby areas. The team visited six schools, dedicating one day per week to each, ensuring tailored lessons that matched the students' understanding. It wasn’t just about awareness but about addressing each community’s specific needs. Sessions emphasized digital safety—identifying online threats, responsible internet use, and the impact of digital footprints—maximizing the initiative's effectiveness.

Lessons balanced lectures with interactive activities like role-playing, storytelling, games, quizzes, and discussions, keeping students engaged while making cybersecurity concepts fun and accessible. These activities also helped assess the impact of each session, ensuring students absorbed key lessons effectively.

Activities Conducted

Asmentioned above, the project plan was distributed among 6 schools which were visited in the time period of 8 weeks. The details of which are as follows:

*Week 1***:**

**Name:** ECO-HOPE School

**Activities conducted:**

The activities that were conducted started off with icebreaker activity with introductions that followed a role-playing activity where scenarios where acted out by the team to illustrate stranger danger. Then a “Safe or Not Safe” decision game was played along with storytelling with discussions using pictures and real-life sharing.

*Week 2:*

**Name:** Global System of Integrated Studies (GSIS)

**Activities conducted:**

An interactive presentation with visuals set the stage for the session. Students participated in open Q&A discussions, followed by role-playing of both safe and unsafe online behaviors. Real-life scenarios were used to spark conversation, and the session ended with a short quiz to assess understanding.

*Week 3*

**Name**: Sallamah Academy of Educational Excellence

**Activities conducted**:

After a warm-up introduction, students shared personal experiences about encountering scams. The highlight was a hands-on “Create Your Own Password” exercise, where students transformed simple passwords into stronger versions on the board. We also conducted a game where the team members acted as a member of the community and the students had to tell whether they are to be trusted or not.

*Week 4*

**Name**: Khalida Iqbal School

**Activities conducted**:

The session began with a brief introduction to basic cybersecurity concepts, then shifted to personal storytelling and real-world examples. A writing activity invited students to jot down one positive way they would use the internet, followed by a short quiz to reinforce key points.

*Week 5*

**Name**: Kaiynaat School

**Activities conducted**:

The interactive session featured open discussions, followed by practical examples of scams. A cyber bingo game kept the students engaged, and a “Would You Rather” scenario-based game helped them weigh different safety choices. A written activity asked students to list one positive way they could use the internet.

*Week 6*

**Name**: Sallamah Academy of Educational Excellence

**Activities conducted**:

Personal storytelling was used to keep students engaged. Discussions on the dual nature of the internet sparked reflection. An arts activity encouraged students to think creatively about how they could use their free time away from screens.

*Week 7:*

**Name:** Global System of Integrated Studies (GSIS)

**Activities conducted:**

Interactive discussion served as the session’s backbone. A “Would You Rather” game explored digital dilemmas. Team members shared their own academic and career experiences, followed by outdoor games that emphasized the value of physical activity.

*Week 7:*

**Name:** Modern Languages School

**Activities conducted:**

The students participated in interactive discussions and were presented with real-life examples of online threats. A cyber bingo game and a “Would You Rather” segment helped them think critically about online choices. To close, each student wrote down one positive way they would use the internet.

Project Timeline

**7th March, 2025 – ECO-HOPE School, G-7, Sitara Market, Islamabad**

**13th March, 2025 – GSIS (Global System of Integrated Studies), I-8/2, Islamabad**

**21st March, 2025 – Sallamah Academy of Educational Excellence, Adyala Road, Rawalpindi**

**24th March, 2025 – Khalida Iqbal School, D-12/1, Pind Sangrial**

**11th April, 2025 – Kaiynaat School, I-10, Islamabad**

**[Insert Date] – Sallamah Academy of Educational Excellence, Adyala Road, Rawalpindi**

**[Insert Date] – GSIS (Global System of Integrated Studies), I-8/2, Islamabad**

**23rd April, 2025 – Modern Languages School, I-10/2, Islamabad**

**Resources and Tools Used**

**Not much resources were used in this project. The things that were used were:**

* **Presentation tools: Laptops, PowerPoint.**
* **Print material: Handouts, activity sheets**
* **Stationery: Markers, drawing sheets for arts activities**
* **Transport: online ride booking.**

**.**

**Project Report Marking Scheme**

|  |  |  |
| --- | --- | --- |
| **Content** | **Description** | **Marks** |
| **Introduction** | * Introduce the community service project (2) * Objectives and significance of the project (2+2) * Need Assessment (2) * Alignment of specific SDGs with project goals.(2) | 10 |
| **Project Description** | * Detail of the activities conducted during the project. (10) * The timeline, and any resources used.(5) | 15 |
| **Ethical considerations** | * Discuss how informed consent was obtained from participants and how confidentiality was maintained (2.5+2.5) * Address how cultural sensitivity was considered and integrated into the project. (2.5) * Address efforts made to minimize negative environmental effects and promote sustainability. (2.5) * Mention any specific regulations, guidelines, or ethical standards that were followed throughout the project. (2.5) | 12.5 |
| **Outcome and Impact** | * Present clear and detailed outcomes of the project. (5) * How did the project contribute to positive change related to the selected SDGs? (5) * Consider both direct impacts (e.g., number of people educated, health improvements) and indirect impacts (e.g., policy changes, community awareness) (5) | 15 |
| **Discussion** | * Reflect group experiences, lessons learned, skills and insights gained from the community service experience. (5) * Discuss any challenges encountered and how they were addressed. (2.5+2.5) | 10 |
| **Recommendation** | * Provide recommendations for future projects (for the upcoming students) based on the lessons learned and university. (5) * Provide recommendation for the organizations/NGOs. (5) | 10 |
| **Conclusion** | Summarize the overall project. | 5 |
| **Executive summary** | Mention the executive summary | 5 |
| **Formatting** | * 12pt Times New Roman font, except for title on page 1. * 1.5 line spacing and paragraph spacing * Printed one side only * Justified text alignment (except title and headings) * Margins: 1 cm on all sides. * Place page numbers at the bottom of each page (center or right corner). * Headings * ***Headings:*** a main heading, designating the topic of major sections should be centered, bold and capitalized. * ***Secondary headings:*** left-aligned. * ***Tertiary headings:*** italics, left-aligned, underlined. | 5 |
| **Word Limit** | **Word Count:** Group: 3000 to 4000 words | 2.5 |
| **Documents** | * Attach the filled and signed **original** document of meeting record form (with relevant attachments) * Submission of approval letter * Submission of acceptance letter * Proof of transparency of small-scale fundraising (if any) | 10 |

**FAST SCHOOL OF COMPUTING MEETING RECORD FORM**

**Civics and Community Engagement**

**Attach the filed and signed document**

**(For Students – To be submitted at the end of the semester with their final project report)**

**Name of Organization: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name of Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Title of Project:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Name of student/s: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Roll No./s: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Semester: \_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Contact Details of Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| **No.** | **Date** | **Venue** | **Progress and Comments** | **Signature of Supervisor** |
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**Progress and Meeting Record**

*(use additional pages if necessary)*  
*Please submit this form duly filled with copy of final report in proper format (hard & soft) at the assigned deadline.*

*Also attach the business card of the supervisor you are working with*

***Instructor Name: Ms. Tayyaba Waseem***

***Email: tayyaba.waseem@isb.nu.edu.pk***