



The Enable Hackathon

- ◆ The **Enable Hackathon** organized by the European Union.
- ◆ Recommended by **Vodafone CSR Egypt**.
- ◆ Prevent Child abuse by using technology.
- ◆ Using technology to battle bullying.
- ◆ International initiative-our students were among the winners.
- ◆ Students participated in a video conference to present their creation on **Tuesday 13 October 2015**.

On the day of the Video Conference, Tuesday 13 October 2015





The S..!.B..B

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Acronyms

◆ **S!.B.B**

◆ **S:** Student.

◆ **i:** Instant!

◆ **B:** Backup.

◆ **B:** Bracelet.

What it is?

- ◆ The S!.B.B is a device or bracelet for **protection**, especially against **bullying**.
- ◆ It would **eliminate the verbal and physical** bullying at the press of a button.
- ◆ Bullies will **think twice** before bothering anyone wearing the S!BB.

How it functions?

- ◆ There will be a button. Underneath that button will be a **GPS** and a battery that are hooked up to a wire that runs within the bracelet that is connected to a **USB** outlet for recharging.
- ◆ And every bracelet will have a chip that can be renamed when plugged into a computer with the students' name and class.
- ◆ There will be **hotspots** labeled, (Floor 1, 2, 3 etc.) that reconnect to the bracelets each time a student goes to a different floor.
- ◆ The press of a button triggers a **notification of where and who is getting bullied on all administration** phones, laptops and computers.
- ◆ Teacher will be notified of where the incident is happening and will take **instant action**.

Its appearance.

- There will be an incurved button, (Like the iPhone home button). So that not any bump would trigger the backup notification.



- A **USB** outlet for recharging, (Like a **NIKE** bracelet)
- It will be simple; no interface to minimize the chances of a student playing with it.
- It will be blue.
- Only a button and a logo will be visible to the user.
- And the logo will be engraved on the bracelet not printed.



The S.!..B.B Logo

- ◆ We designed it ourselves.
- ◆ The Logo will contain the acronyms.
- ◆ It will also be blue, (Because it resembles justice).
- ◆ The acronym (i) will be placed upside down looking like an exclamation mark and it will have WIFI like signals which resemble the S.!..B.B hotspots.
- ◆ The third acronym (B) will have the eye of Horus which ancient Egyptians wore for protection.
- ◆ And from under the forth acronym (B) an arrow which resembles backup.



The S..B.B Responsibilities

- ◆ It **should** be given to every student.
- ◆ If not, and it is given **only to students that get bullied**, it will make them more of a target, which goes against its purpose.
- ◆ **Abuse** of the bracelet should have certain **penalties** that will be based on the school's decision.
- ◆ If a student is getting bullied, but is held back from pressing the backup button, other students are allowed to press their own buttons as **witnesses**, which helps prove an incident has occurred.

The S.!..B.B Range

- ◆ Students **shouldn't take off** the bracelet **unless they are out of the school boundaries and the S.!..B.B hotspot range.** Otherwise, a notification will be sent that a certain student's **circuit was broken**, and it will trigger a backup notification.
- ◆ Why does the broken circuit trigger a backup notification? Because a **bullies' first thought** will be to remove the bracelet.

The S!.B.B App

- ◆ This is what makes the S!.B.B what it is: **it completes it** . Without the app you would only have a bracelet with a useless button and a pretty logo.
- ◆ It will be an **application** for phones.
- ◆ It **should run on all platforms** IOS and Android.
- ◆ For computers, it will be a **webserver** hosting different schools like “engrade” and many other school hosting webserver.
- ◆ **Each different school will have one different username and password.** In other words, the entire administration in one school will use the same account, username and password.

Why is the S!.B.B different?

- ◆ Other ideas include only apps, but we combined an app with a fashionable accessory that is very commonly used.
- ◆ Unlike other inventions, the S!.B.B calls for instant action, not to solve the problem after the damage has been done. Rather before or during the incident.
- ◆ It is guaranteed that if schools follow the steps given, bullying would be eliminated within schools.
- ◆ It connects the students to each other, helping one another. After all, a school is a smaller picture of the real world, a small community of young men and women in a building.



**THANK
YOU**