Feedback Gathering

Some specific feedback I got from my prototype:

- Make a log in and log out button
- Easy and informed on cybersecurity
- More information about hacks
- Add less words and use simple words
- Needs more slides and explanation

Feedback Integration

The feedback about the log in and out button is that I will include a button, but only if the person wants to see the simulations of how hacking occurs.

Refined Prototype

Brainstorm for the cyberbuddy:

- Age group is for people at are a high school freshmen and for adults who want to know cybersecurity
- Instead of making a chatbot, make a website about cybersecurity
- Somehow incorporate AI into my project
- What the pay and career options are for cybersecurity after high school

Questions to ask people about my cyberbuddy project:

What do you want to see in the user interface of the cybersecurity website?
Interactive units covering the range from basic cybersecurity to advanced cybersecurity with some real-world scenarios and application-based questions that test your knowledge. The solutions may be simulated with a brief video. Sean

Simplistic while containing advanced features/elements which aren't included in other cybersecurity apps. -Yousuf
Chris and yahya- we would want to see buttons

How would you want AI to be incorporated into the website?

In the website, I think that AI can be incorporated by guiding the user in understanding cybersecurity services and how to properly report incidents step-by-step. Sean

Chris and yaya- i would ask it questions if i need help

Would you want a special feature that teaches you about the cybersecurity pay Opportunities?

Yes.

Yeah what not

Yes. - Yousuf

What coding language would you recommend I make for the website?

Frontend: HTML, CSS, JavaScript, TypeScript, React.js

Backend: Python, Node.js, PHP, Ruby, Java, Rust

Purpose statement:

The purpose of making a cybersecurity website is to educate high school teens that are interested in going into the cybersecurity field, or just want to learn about cybersecurity.

- **Name:** Jordan Kim

- **Age:** 24

- **Profession:** AI & Web Developer with a focus on Cybersecurity

- **From:** Seattle, Washington

Story

Jordan started learning to code by building simple websites in middle school. Over time, that interest grew into exploring **web development** more deeply—making interactive apps and experimenting with modern frameworks. In college, Jordan discovered **AI** and loved how it could power smarter websites, like chatbots or recommendation systems.

At the same time, Jordan realized that every digital project needs strong **cybersecurity**. After seeing news about data breaches and phishing attacks, Jordan became determined to write **secure code** and protect user data. Now, Jordan blends all three skills—using AI to enhance websites, building strong applications, and applying cybersecurity practices to keep them safe.

What he Likes to do

- Creating web apps that use AI (like a site that suggests study tips or tracks habits).

- Practicing ethical hacking challenges to sharpen cybersecurity skills.

- Learning about secure coding and how to stop common web attacks like SQL injection or XSS.

- Sharing projects online and teaching others about building safe, smart apps.

At least 3 brainstorm ideas that i want to include:
- Make a simulation of how hacking happens and how digital hackers come in and take the hackers out, but if they want to see that, they need to make an account first.
- Include funny and relatable memes on the website to keep the people that want to watch entertained.
- Include an AI feature to put pop up ads on websites to get paid for my site.
- Include information of what cybersecurity jobs there are.
- How schools can use the cybersecurity website to teach students to integrate this into their curriculum

🌐 CyberBuddy — Fun Cybersecurity Learning Website

💻 What It Does

CyberBuddy teaches people how hacking and cybersecurity work in a **fun and safe** way.

- You can **watch simulations** that show how hackers attack and how defenders stop them.

- To **play the full interactive version**, users need to **create a free account**.

- There are **funny memes** throughout the site to keep people laughing while they learn.

- An **AI feature** adds pop-up ads (only with permission) so the site can earn money.

- There's a section about **cybersecurity careers** for anyone interested in joining the field.

- Teachers can use the site in classrooms to **help students learn** about cybersecurity safely.

🔐 Simulations

Visitors can watch animations that show:

- A hacker trying to trick someone (phishing).

- A virus attack — and how defenders fix it.

- A fake "ransomware" story that shows why backups matter.

When users create an account, they can **play as defenders** to stop the attacks.

😂 Memes & Fun

To make learning enjoyable, CyberBuddy includes:

- Cybersecurity memes (like "When you click a link you shouldn't have").

- Jokes about online safety, teamwork, and computer life.

- A "Meme Wall" where users can submit their own school-appropriate memes.

💰 AI Pop-up Ads

An AI system places small ads on the site (only if users allow them).

- It never shows unsafe or adult content.

- Teachers can turn ads **off** in classroom mode.

- This helps keep CyberBuddy **free to use**.

🧑‍🏫 Cybersecurity Jobs Section

Short, easy-to-read pages explain jobs like:

- **Security Analyst:** Monitors systems to find hackers.

- **Pen Tester:** Tests security by finding weak spots (legally).

- **Incident Responder:** Fixes systems after an attack.

- **Security Engineer:** Builds safe systems from the start.

Each job page shows:

- What they do

- Skills needed

- How to start learning

🏫 For Schools

Teachers can use CyberBuddy to teach cybersecurity:

- Simulations make lessons more visual and engaging.

- Lesson packs and quizzes can be downloaded.

- A teacher dashboard helps track student progress.

- Ads and public chat are disabled in school mode.

Example:

Lesson Idea: "Spot the Phish!"

Students watch a short simulation, then highlight signs of a fake email.

🤖 Style Options

CyberBuddy mixes **clear teaching** with **fun personality**:

- Serious version: explains real cybersecurity terms.

- Funny version: uses silly metaphors like "raccoons stealing sandwiches" to describe hackers.

My CyberBuddy prototype is a website that explains about cybersecurity. It has many features like making an account to see simulations of hackers hacking your computer and stealing your information. Another feature is implementing AI into the Cyberbuddy website by putting pop up ads onto the website to gain money. Another feature is to teach people about cybersecurity jobs and to show schools this website so that they can use this website to help students learn if they are interested in the cybersecurity field.

CyberBuddy Prototype Description (Refined Version)

CyberBuddy is an interactive website designed to educate users about cybersecurity in an engaging and accessible way. The platform includes several key features:

- **Interactive Simulations:** Users can create an account to access realistic simulations showing how hackers operate — including how they infiltrate systems and steal personal information. This feature helps users understand cyber threats and how to defend against them.

- **AI Integration:** The website incorporates AI-driven pop-up advertisements, generating revenue while demonstrating how online ads and algorithms can influence user experience and data security.

- **Career Education:** CyberBuddy also provides information about different cybersecurity careers, offering students and professionals an overview of potential job paths in the field.

- **Educational Use for Schools:** The platform is designed for use in classrooms, allowing educators to integrate cybersecurity awareness and exploration into their curriculum. Schools can use CyberBuddy as a hands-on tool to spark interest in the cybersecurity field among students.