



DIGIEDU HACK SOLUTION CANVAS

Title of the solution:

Digital Maiden

Team name:

Digital Maiden

Challenge addressed:

Accepting terms and conditions without analyzing the danger

Challenge category:

Well - being in digital education

Background of the team:

(multiple selections possible in case of mixed teams)



Higher Education Students

Teachers

Others (please specify)

Researchers

Primary School Students

Professionals

Secondary School Students

Solution description

It is a **software program prototype aimed at providing digital security to the user** against the threat of accepting the various conditions imposed by websites and applications. These policies or conditions, commonly known as cookies, often endanger sensitive data, even subtly introducing subscriptions without consent. The implementation of this program will be through a responsive application.

To achieve this, it is necessary to program the software with **artificial intelligence** and nourish it with precise information so that it can function optimally. Indeed, strategic agreements are required with companies such as Open AI, Google, Microsoft, and others currently in effect. It is of great importance to build adequate support for the application and validate any errors in its operation through necessary tests.

One of the main problems in Peru is that we are not a country characterized by prioritizing large-scale technological development, which is evidenced in the hundreds of cases of fraud. For example, in 2020 during the pandemic, cybercriminals cloned the medicinal oxygen sales page of the company Praxair. Digital education is very complex, especially in environments where browsing occurs without a full online culture. **There is no awareness regarding the utility and dangers of the internet.** Faced with this, we offer an accessible system that warns, educates, and prepares the user for possible dangers or scams.

Context

Currently, all apps and web pages force us to accept "Terms and Conditions" (T&C), cookies, and other documents that are extensive and written with difficult-to-understand terms.

Our solution aligns with Digieduhack because we protect, prepare, and understand the user's mind, in a virtual world where constant stress is mentally experienced due to insecurity, data exposure, and disclosure.

We, as Digital Maiden, focus on training users, with the aim that they can operate in an orderly, secure, informed, and responsible manner in the digital environment.

LINK DE PROTOTIPO:

<https://drive.google.com/drive/folders/1BY8O99e69AkhmEE2HvfZpUFTkzuE6Xbv>

LINK DEL VIDEO:

https://www.youtube.com/watch?v=KRACN6_zmQM

Target group

Our target audience includes all users of digital devices, especially young people, Adults, seniors between 18 to 70 years around the world who are always connected on any mobile or desktop device and often accepted the terms and conditions without reading them.

They will benefit by easily understanding what they are accepting through **automatic summaries, voice explanations, and an interactive assistant.**

The solution is relevant because it addresses an everyday and real problem: the lack of reading and understanding of digital terms, offering a practical, accessible, and educational experience that promotes digital responsibility. To fully meet the needs of this group, Digital Maiden seeks to involve users with an interactive and motivating experience, integrating with platforms and offering additional content such as positive messages; it will be a time manager that promotes digital well-being.

Impact

The impact is clear and direct: **Digital Maiden users will be educated in a simple and practical way about their digital security every day**.

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since today we are all connected to the network to a greater or lesser extent, and as long as we are in a digital context, Digital Maiden will be with us to protect us, resulting in an **informed society prepared to browse safely.** Today, safe browsing is synonymous with strengthening confidence when interacting on different platforms and websites.

Today we are all connected through mobile devices, from young adolescents to older adults. If cookies and terms and conditions are cumbersome for the informed public, how much more so for those who barely know about these topics? We click "accept" in the rush to access the platform quickly. However, we are not aware that we may be linking ourselves to spam and dangers concerning our personal information. Cases of fraud, page cloning, data cloning, and identity theft are seen daily. Digital Maiden seeks to change this panorama, protecting all users, especially the most vulnerable, so they can make informed and conscious decisions about the security it offers.

Describe it in a tweet

Do you accept "Cookies" and Terms and Conditions without reading? ⚠️ Watch out! You might be accepting hidden subscriptions or data theft.

Introducing Digital Maiden, the prototype with AI that protects you.

It analyzes the fine print for you, gives you an ultra-fast summary, and alerts you if a site is dangerous or fraudulent.

Browse safely and regain your privacy!

#DigitalMaiden #IA #Cybersecurity #Privacy

Innovativeness

Our solution is different because **it adapts to needs through a fast, non-invasive, and stepped system**, centered on preserving digital well-being and the protection of personal information. Our solution is different because **it adapts to needs through a fast, non-invasive, and stepped system**, centered on preserving digital well-being and the protection of personal information. While it is true that antivirus exists for a main reason, **Digital Maiden goes further by optimizing the deficiencies detected in them, incorporating what these do not address comprehensively.** For example, our system includes: **detection of risks associated with the exposure of personal data, and educational assistance to understand terms and conditions.** Digital is accessible, light, and fast, providing you with security. However, the major difference compared to conventional antivirus is the simple language and immediacy—explanations adapted to the user in today's fast-paced world, who does not stop to read the vast, cumbersome data of an antivirus, thus ensuring that people are informed about their security. **Our solution aligns with Digieduhack because we protect the user's mind and provide constant security across all digital platforms.**

As Digital Maiden, **we understand the real and universal dangers of the fine print in those terms and conditions that are accepted without knowing what danger they are exposing themselves to.** Through this project, we seek to provide the necessary tools for people to recognize navigation risks, protect their personal information, and enjoy their interaction on the different platforms.

Transferability

The functionalities and concepts of this software can be extrapolated to other programs. For example, with the digitization and massification of information, caution must be increased for those people, students, professionals, or enthusiasts who wish to base their research on reliable sources. With proper adaptation, our program could evaluate reviews, time spent, consultations, and various criteria of each source to clarify its utility and credibility to the user. This is the potential of the initiative, and we do not rule out its implementation for future projects. However, we reaffirm the specialized focus on digital security for Digital Maiden users.

Sustainability

For Digital Maiden to be environmentally sustainable, ****we will focus on the energy efficiency of** Here is the English translation of the text regarding Digital Maiden's sustainability: For Digital Maiden to be environmentally sustainable, **we will focus on the energy efficiency of our servers. Artificial Intelligence can consume a lot of electricity, so our code will be super optimized to use only the strictly necessary power.** We will use modern cloud services that scale automatically, which means that **if there are few users, we will use very little energy**, avoiding the waste of keeping powerful servers running unnecessarily, which will contribute a **positive percentage to the carbon footprint.** The second pillar is the consumption time on the user's device. The application on the cell phone, on the computer, or the browser extension will be **very light and optimized to use the least amount of battery possible.** By not demanding much from the phone or computer processor, we help users not have to charge their devices as often, **reducing that small, but constant, electricity consumption at home.**

Team work

Arquímedes Mayta Mendoza, Journalism student - • Jhoan Medalla Lacho, Law student - Clara Sotelo Delgado, Law student - • Kateryn Rosario Estofanero Oscco, Administration and Marketing student. We are the perfect team to develop Digital Maiden because we have solid knowledge about security, knowledge that we continue to enrich as our training progresses. Our team combines soft, written, communicative, and creative skills that complement each other. Jhoan Medalla contributes his legal and technical knowledge; Clara Sotelo, her empathy and clarity in explaining ideas; Arquímedes Mayta, his experience in digital communication; and Kateryn Estofanero, her focus on marketing and emotional connection with the user. Together they form a **balanced and multidisciplinary team** capable of developing an innovative and effective solution. As users, we have had the vast quantity of experiences that everyone who has access to a screen has had. Endless cookies on every page we enter, cumbersome terms and conditions that ultimately generate everything from discomforts to real dangers to our security, a situation we want to end.

As developers, this is our first step within the field. We are clear that the most important thing is to have a solid vision, a conviction for what we want to achieve. As a team, we have something in common: we seek the development of the security and well-being of people, whatever age they may be and wherever they are in the world, and we strive to proactively learn with big and firm steps.

Yes, we plan to develop this idea. We have not found another option that is specialized in digital security, nor that has the fast, practical, and non-invasive focus necessary to retain the public today. We believe it is an idea with a lot of future, and we are going to bet on it.