Young Tec graduates create software to reduce COVID-19 in companies



Avoiding mass **COVID-19 infections** in companies is what **Tec graduates Eduardo Centeno** and **Everhard Ortega** are hoping to achieve with software they have developed called **Chequeo.mx**.

These young men, together with their partner Lorenzo Ysasi Martínez, have developed a digital platform which allows **companies** to have up-to-date records of their employees' **health status**.

Eduardo and Everhard, **Information Technology and Business Engineering** graduates, have already developed other **data collection initiatives to help decision-making processes**.

"We realized then that we could **develop software** to help **companies** comply with the **new regulations** and avoid infections," said Eduardo.

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HOW DOES IT WORK?

Through <u>Chequeo.mx</u>, the **Tec graduates** want to provide tools to organizations in order to help make the **return to business activities safer**.

In order to comply with the **health and safety protocols established for businesses**, one of the platform's functions is to keep a record of the **times and dates on which the sanitization of work spaces took place.**

But the entrepreneurs believe that the most important part of its development is the **monitoring of information** about each **employee from a company or organization**.

"Employees answer a questionnaire on how they feel and whether they have symptoms. If any employee has them, an alert is sent to whoever manages the software within the company," Eduardo explained.

He added that this person may be a member of the human resources team or a head of department, and this will help him or her to act faster if a case of contagion has been detected.



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ALERTS AND DATA PROTECTION

Another **feature** of the platform is **traceability**, i.e. monitoring the **possible contact** of an infected person with other employees, suppliers. or customers.

Eduardo explains that if a case is detected, whoever manages the software can send an **alert** to that person specifically or to other employees as necessary.

These alerts are sent through the <u>website</u> or by email, and only to users who have decided to participate and who form part of the company or organization.

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As this is sensitive information, the platform takes into account **information privacy and data protection**.

"For example, if someone has symptoms of infection, then the administrator can **decide how to alert others without stating that a person has COVID-19**. Thus, only those who had contact with the said person are informed," said Eduardo.

The developers confirm that the platform has global **ISO quality certifications** for **data management and privacy**.

"It's not the same as an employer registering your information in an Excel sheet. It's better to do it in a place where this information is encrypted such as Chequeo.mx," said this Tec graduate.

AN IDEA IN THE FIGHT AGAINST COVID-19

Eduardo and Everhard have known each other since they were six years old. They studied together at <u>PrepaTec</u> and took their degrees at the <u>San Luis Potosí campus</u>. As graduates, they continue to develop new projects together.

The **idea** of creating **Chequeo.mx** arose as a result of a **previous data-collection project to** help companies with decision-making in marketing, inventories, and other areas.

"During the pandemic, we thought about how to offer something of value to our customers. We talked to them and they told us that one of their concerns was how they were going to return to the 'new normal'," said Eduardo.

"It's the first step in the post-covid reality. It's a first step towards transforming the workplace," added Everhard.



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Chequeo.mx has an approximate cost of **875 pesos per month** for **25 users**, which can be reduced in percentage terms if the number of users in the package increases or if the package is paid annually.

"We have a good way of **getting** this **platform** to **companies**. Keeping the price as fair as possible was our goal from the get-go," concluded Everhard.

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