**ACTIVITY 1 - Ways to unlock**

**Questions:**

How many methods can be used to open the locked access?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

Among these methods, indicate those that are mechanical and those that are wireless (or contactless?):

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

*Both of them* :……..…………………………………………………………………………………

How many combinations are available on the keyboard to open the door?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

How to make and encode new NFC cards?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

**ACTIVITY 2 - Digital Keys Universal App (Android and iPhone)**

​**Questions:**

What are the two technologies used to open the door remotely?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

What is the necessary condition to connect to the mobile application?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

How can the contactless application code an NFC card?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

**ACTIVITY 3 - Specifications:**

**Questions:**

What are the main conditions to use this lock?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

What is the maximum distance to encode an NFC card?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

How many AA 1.5V battery cells are needed to power the system?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

What is the role of the sim card slot?

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

Indicate the elements of the lock allowing the sending of alerts by SMS

…………………………………………………………………………………………………………

…………………………………………………………………………………………………………

**Translate these words :**

A screw : …………………………………………………………………………………………

A spindle : …………………………………………………………………………………………

Handle : …………………………………………………………………………………………

Battery status: ………………………………………………………………………………………

Remote unlock: ……………………………………………………………………………………

Digital Keys Management Software: ……………………………………………………………

External wiring: ………………………………………………………………………………………

NFC token : …………………………………………………………………………………………