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### Abstract

#### Objective

To develop a bracelet using NFC technology and QR codes to obtain personal data from older adults.

#### Methodology

PAGEDS consists of a bracelet for the management of personal data, which will have NFC and QR code; therefore, the wearer of the bracelet will facilitate its location, rescue and medical care, in case of accidents or damage to his person.

#### Motivation



Figure 1

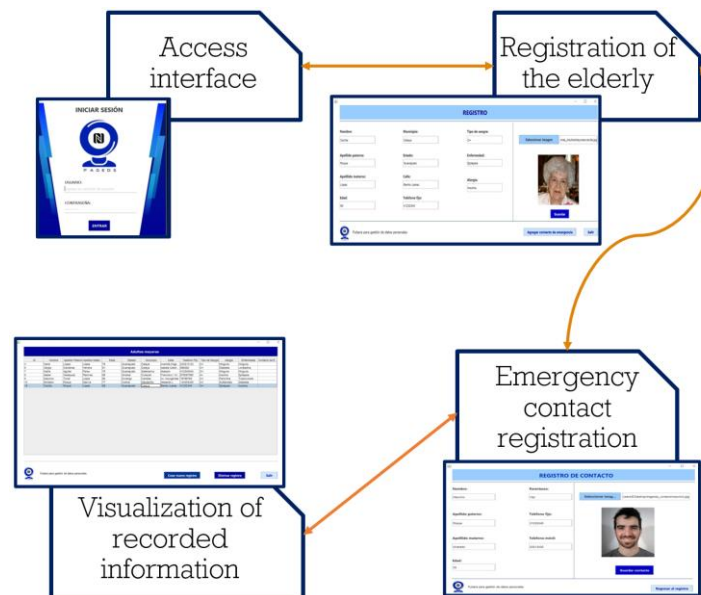
### Introduction

The focus of the project is to use each bracelet as a reliable source of information, in order to fulfil the function of locating; furthermore, it is intended to be implemented with the purpose of providing a safe life, given that they will be technologically created to ensure the safety and well-being of the wearer.

### Materials and methods



### Results



### Conclusions

PAGEDS is the answer to the problem of deaths, losses and disappearances of older adults due to lack of personal information, and its operation is based on QR code reading and NFC connection.

### Future of research

- Continue with the development of the prototype.
- Relate the RFID ID number with the ID of the elderly in the database.
- Relate the registration of older adults with their corresponding emergency contacts.
- Develop a mobile application for the registration of the elderly.
- Apply field validation rules in graphical interface.

### References

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Project website: <https://www.ecorfan.org>