Self-Card express  
improve self speed

# PRESENTATION

## **Historic and project’s description**

A part of the students are eating at the canteen, we are going to improve the checking system of the students of Saint-Joseph-La-Salle High School. The actual system is barcode reader, the students have to slide their card into the reader. The problem is that the use of the card has it scratch so the reader has more difficulties to read the card. A protection is given but it prevent the reading. The information of the student who passed his card are displayed on the screen (name, first name, form, boarding and photography). We have for project to change our way to read the card, which is obsolete, and replace it by a more modern way, a contactless card

## **Project’s objective**

* The project aims to improve canteen’s flow, to pass students faster.
* Modernize the system, improve the interface, make it easier to use by the personal.
* The addition of students in the database must be simple, and modifications too.
* Remove tickets.

## **Main requirements**

The new system must give the following possibilities:

* A contactless canteen card.
* An intuitive interface.
* A way to read information on the card.
* A database to store user’s information.
* A management panel for the administration, too add user without special formation.
* Found user’s information who don’t have his card, by a field of research (and the user’s name).
* The interface must be reusable every year, with the new student’s information, deletion of the previous database and a backup of the information of the users who stay in the school.
* A credit’s scheme for the day students. Boarders and half-boarders pay a package which doesn’t concern the project.
* A counting of consuming meal by the day students.