INTRODUCTION

1. The aim of this document is improving the management and usability of libraries for students, teachers, and librarians.

2. The system allows students to search for nearby libraries and know how many free seats are available in real time. Students can also book a seat, knows library's opening schedule, the affluence stats, leave feedback about the library's issues and read a notice-board which contains information about schedule changes, events, etc. The system allows the librarian to update the free seat situation, manage reservations, see the affluence stats and manage a notice-board and feedbacks. The system helps the director of the library to manage the staff by providing statistics about student affluence.

3. The system is designed to improve access to libraries thanks to its innovations. To make this, the software must be installed by the librarian that manage the access to library. To access a library that decides to use our access management method, a user can use our application to benefit from the functionality described above or also access without using their application.

4. Currently, there are many applications concerning book management but our app doesn't permit it, the innovation carried by our app is the focus on the library's seats occupation status providing a precise indication solving one of the most common problems of the students. Now students can reach the library knowing that he will find a place. There are two similar applications, but our app takes the best of both: Affluences, which provides only affluence stats to the students; c'è posto per te, which only give the exact number of free seats.