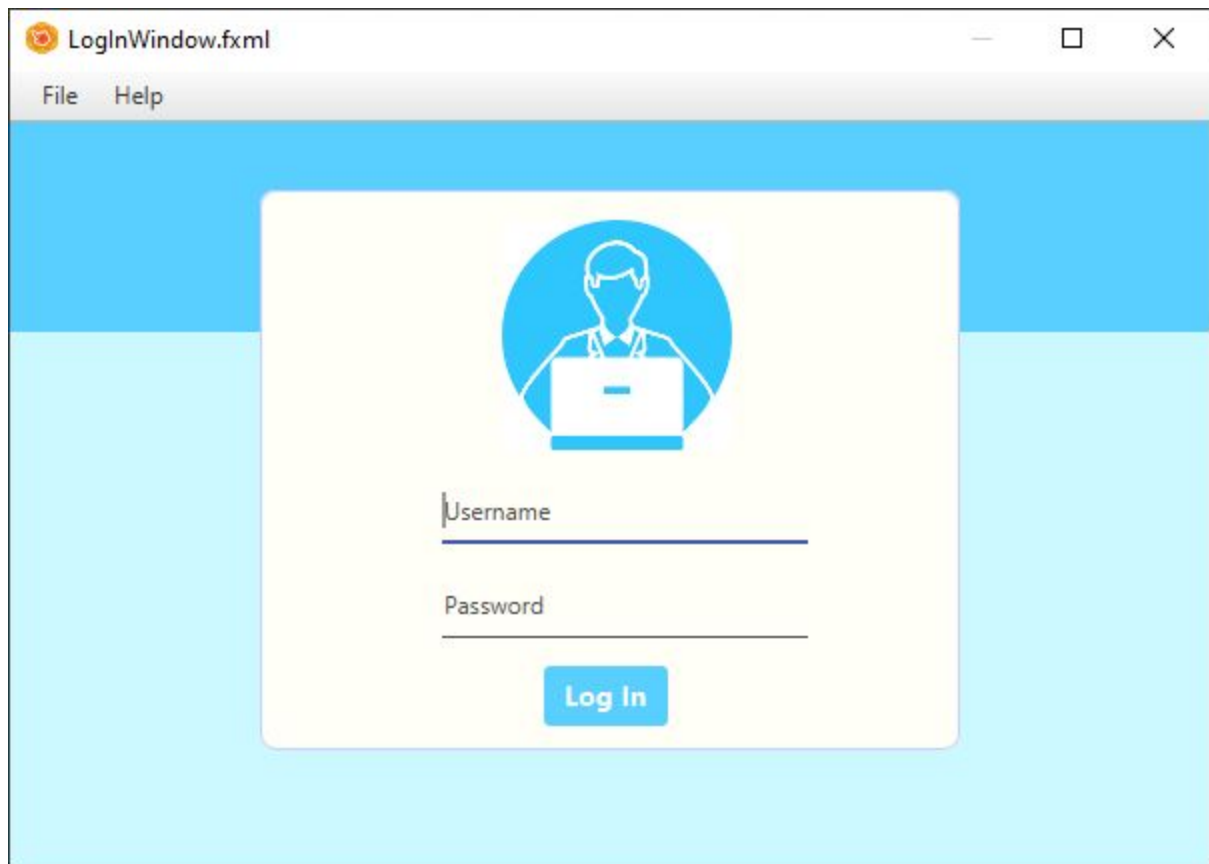## Compulsory Assignment 1 - Attendance Automation

Our idea for solving attendance checking problem was that every day the teacher generates a password and writes it on the blackboard. After logging in students will use that same password as a security code and that way they will be able to check their attendance.

Our plan was to create a simple but nice GUI in different shades of blue combining with the white colour.
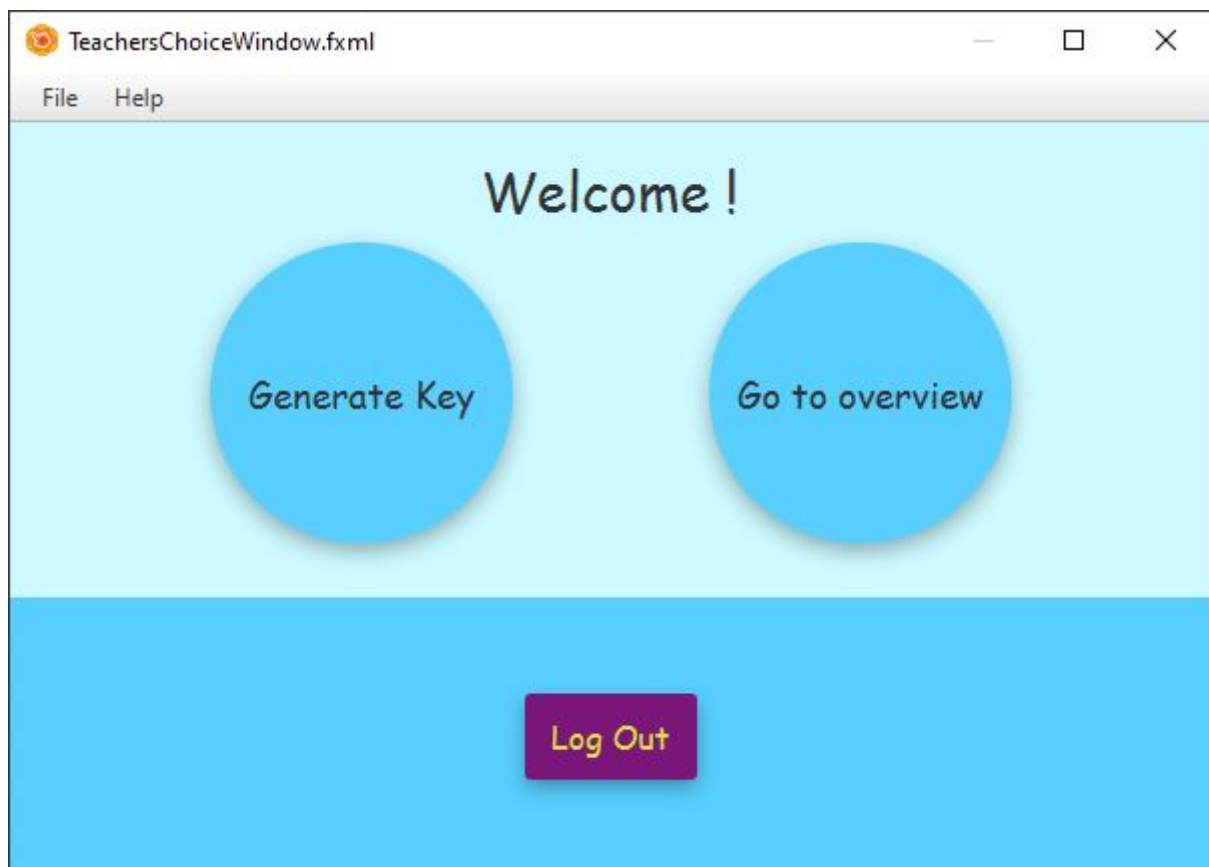
# Main Window:

In the main window the user will enter his username and password. The system will recognize if he is a student(Conor,Antonio) or teacher(Zlata, Vale).
If the teacher logs in, the TeachersChoiceWindow will pop up where he will choose if he wants to generate key for today, or he wants to go to overview, where he can see general statistics or statistics for each student.

## TeachersChoiceWindow:

If the teacher presses the button 'Generate Key' he will open the TeachersGenerateKey window where he will type today's key and save it to the system.
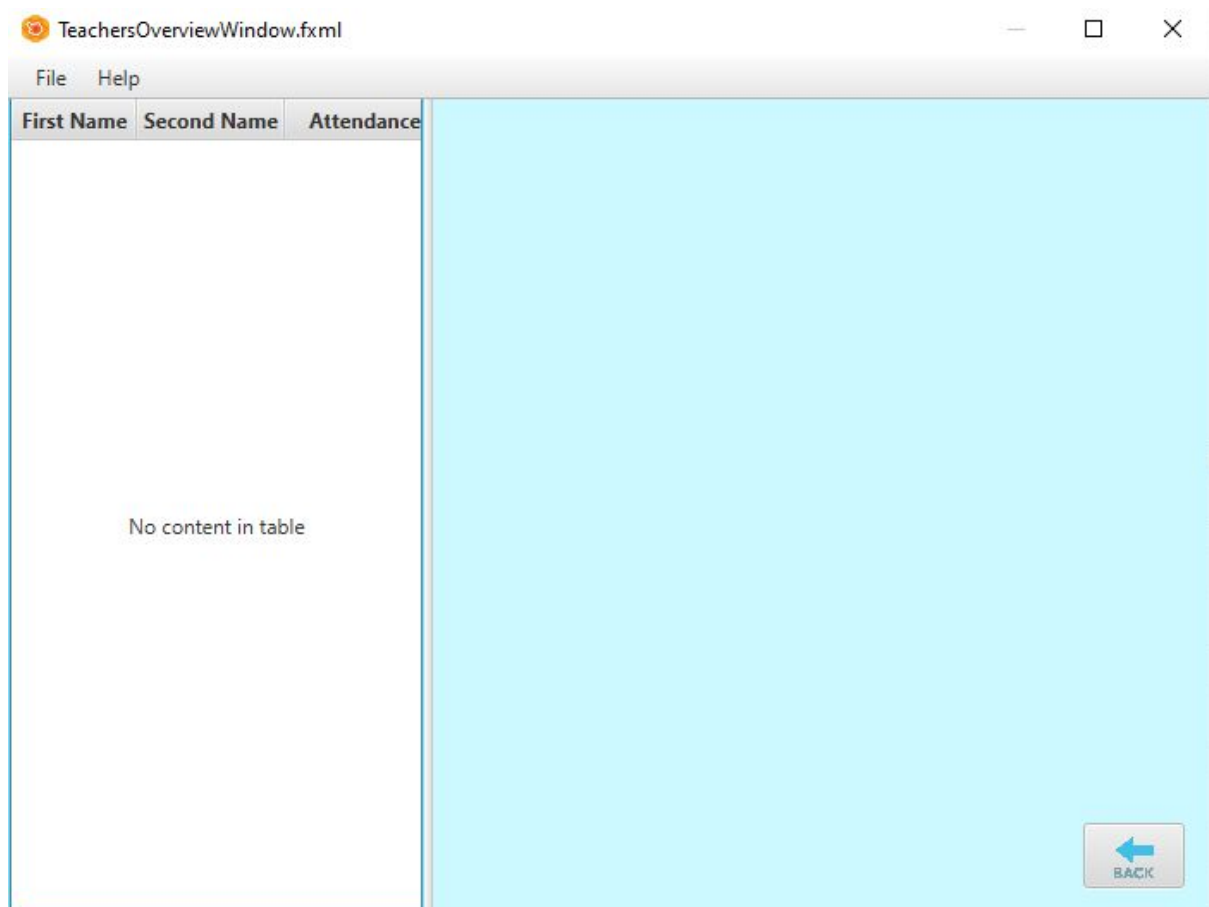
## TeachersGenerateKey window:

In case that student forgets his password, he can ask the teacher to reset it for him and teacher will use TeachersEditPassword Window:

TheTeachersOverviewWindow can be used by the teacher to keep track of the student's attendance. In a user-friendly interface, the teacher will see on the left a list including all students first name, second name and in the 3rd column (Attendance), a check or a cross will be displayed depending on the student's presence/absence.
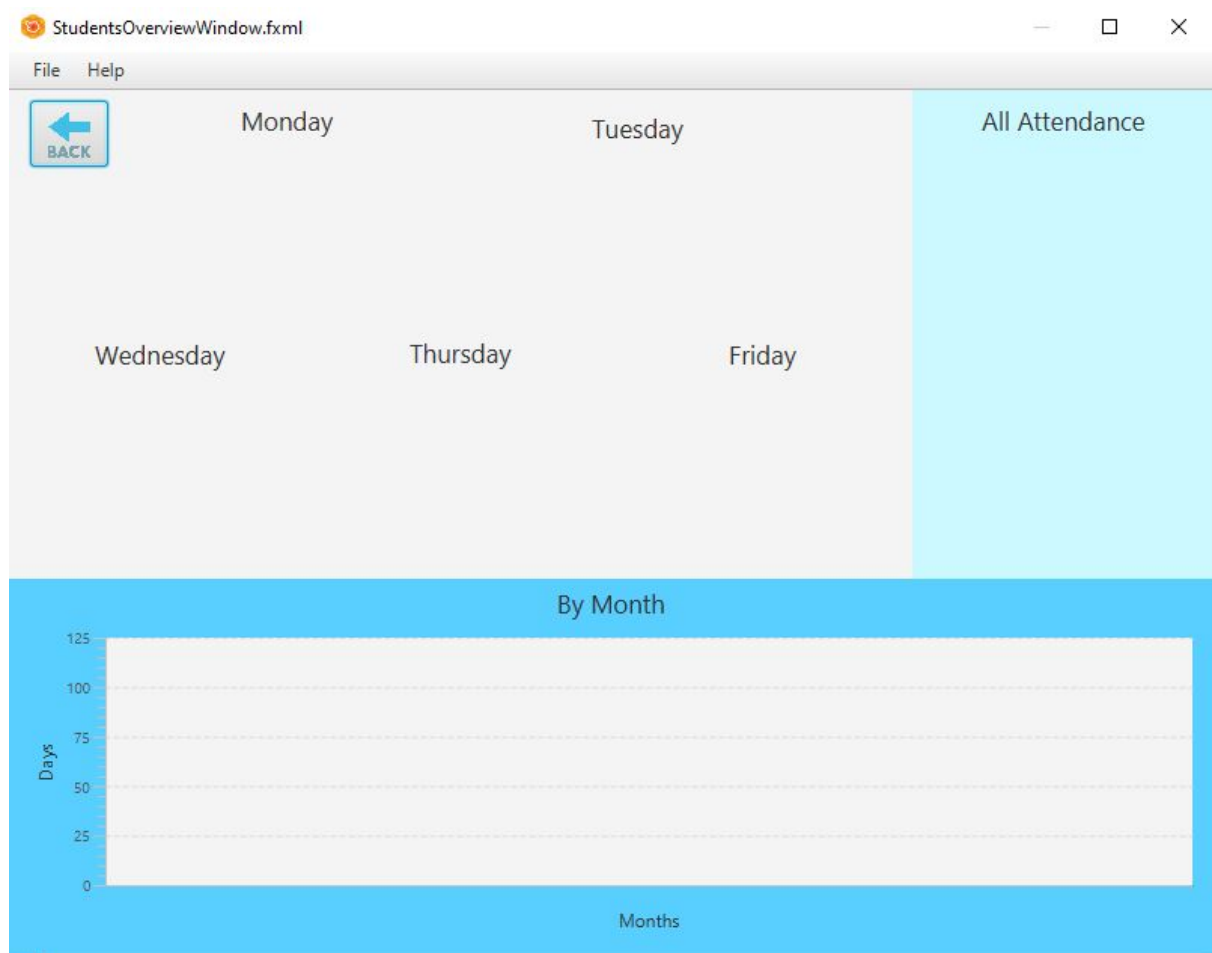
As a student you need to insert key, what will be given by teacher.
Also you can click on the button on the left-down corner to see his statistics, the new window with charts will Pop-Up.

This is the window with private students statistics. You can see all your attendance in general in the right-top corner as a pieChart. Also statistic of every weekday and every month.

<><><><><><><><>

Before we started to create a project, we made a prototypes on a papers.