Aim:

* Create a website to record student attendance

Tools used:

* Use flask as a Python framework for backend
* Bootstrap to create frontend

The following libraries have also been used to provide the software:

* **Flask Login** with the aim of checking users' membership
* **Flask-bcrypt** for the purpose of encrypting users' passwords
* **Flask-wtf, WTforms** with the aim of using the form class to create forms
* **Flask-sqlalchemy** with the aims to use orm to work with the database instead of using sql commands
* **Openpyxl** is also used to work with Excel files.
* **WTForms-SQLAlchemy**

Project implementation guide:

* The project is written on Windows 10 using Python 3.
* To run the project in the AC folder, open a cmd or powershell and run py -3. \ App.py.
  + Use Python if your cmd runs with the python alone.

How did we write the code

* The method of writing the code was an iterative method and first the general structure of the website, ie its frontend, was prepared.
* Then a few general pages are created (such as admins management page, student management page, etc.)
* Then a section code is typed and according to the need for changes in the UI of the program is created or a new page is designed, for example, the upload page is created. And so it went.
* Finally, we tried to prevent other users from entering unauthorized areas. We Tried to use self-representative names.

Admin username and password:

* Username: [admin@admin.admin](mailto:admin@admin.admin)
* password: admin