

P4A – Planning Taylor

# USER GUIDE



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## I. Introduction

### A. Purpose of the guide

This guide is designed to help users understand how to use the "**Planning Taylor**" application and its features effectively. By following this guide, users will be able to navigate through the application and perform various tasks with ease.

### B. Target audience

This guide is intended for:

- Language managers at EPF Montpellier who are responsible of creating and managing LV1 and LV2 groups.
- Users with basic computer skills who need to interact with the application to create or modify planning data.

### C. Presentation of the application

The "Planning Taylor" application is a comprehensive tool designed to streamline the creation and management of student groups for language courses at EPF Montpellier. It provides an intuitive interface for administrators and language managers to organize and personalize the grouping of students based on their language preferences and academic levels.

The application's features include:

- **User-Friendly Interface:** A clean and easy-to-navigate interface that guides users through various tasks.
- **Sidebar Navigation:** A collapsible sidebar that provides quick access to key functions like planning, modifications, exports, and backups.
- **Dynamic Forms:** Forms for adding and managing students and teachers, with fields that update based on user selections.
- **Export Functionality:** Options to export data in various formats (CSV, PDF, Excel) for further use or reporting.
- **Backup Recovery:** A feature to recover the last saved planning, ensuring data security and continuity.

### D. Purpose of the application

The primary purpose of the "Planning Taylor" application is to automate and simplify the process of creating and managing LV1 (first language) and LV2 (second language) groups for students at EPF. This automation helps language managers by reducing the manual effort required to organize students into appropriate groups, based on their language preferences and academic schedules.

Additionally, the application allows:

- **Efficient Management of Student Information:** Personalize the composition of language groups by managing detailed student information, including names, email addresses, promotions, and language choices.
- **Flexible Scheduling:** Adapt to various scheduling needs by allowing easy modifications to student and teacher schedules.
- **Streamlined Data Handling:** Import and export data seamlessly to ensure that all relevant information is accurately captured and easily accessible.

By using this application, language managers can ensure that student groupings are done efficiently and accurately, leading to better organization and optimized learning environments for language courses.

## II. Installation and Setup

### A. Prerequisites

The application needs a working python environment. See the documentation:

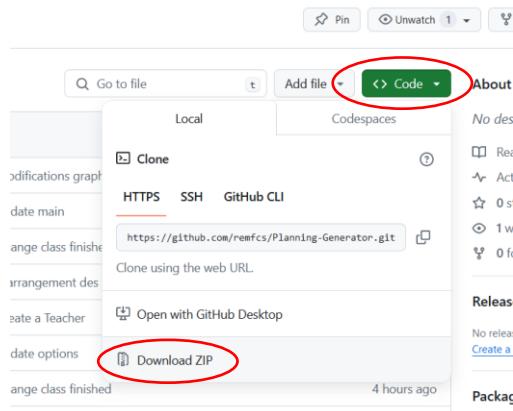
<https://www.python.org/downloads/>

### B. Step-by-step installation procedure

Find the repository of the project on GitHub:

<https://github.com/remfcs/Planning-Generator>

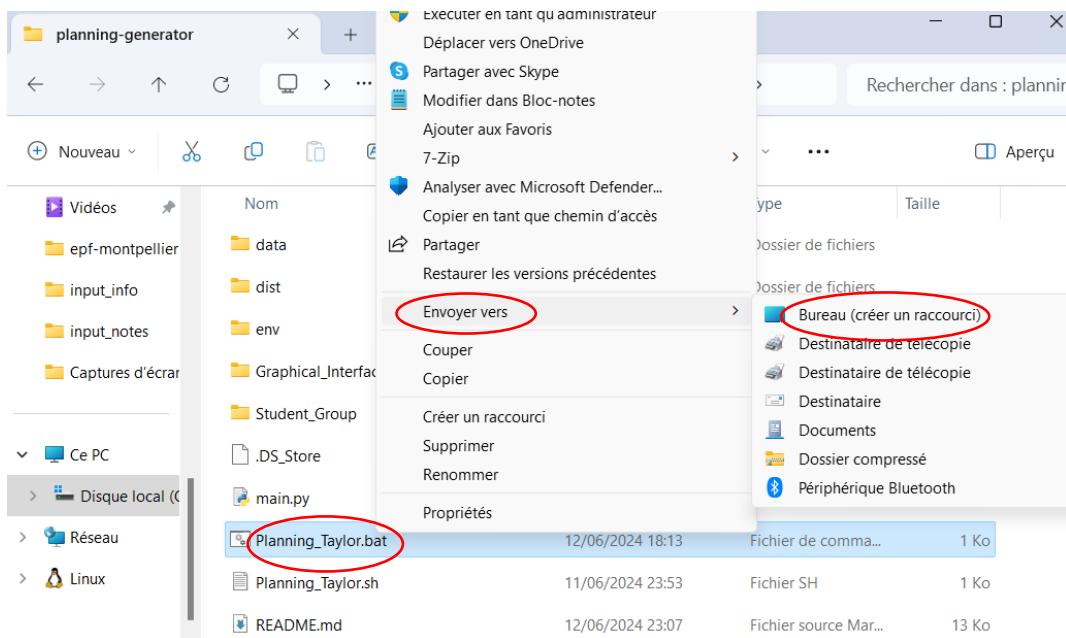
Download the zip:



Unzip and it's done. You have the Planning Taylor app installed on your computer 😊.

### III. Starting the application

#### A. Launching the application



To launch the "Planning Taylor" application, follow these steps:

- **Download the Application:**
  - Ensure that you have downloaded the "Planning Taylor" application files to your computer.
- **Create a Shortcut:**
  - Open the application's folder in your file manager
  - Navigate to the location where you downloaded the "Planning Taylor" application files.
  - Find the main executable file (Planning\_Taylor.bat).
  - Right-click on the executable file and select "Send to," and choose "Desktop (create shortcut)."
  - A shortcut will be created in the same location as the executable file.
- **Move the Shortcut to the Desktop:**
  - Click and drag the newly created shortcut to your desktop for easy access.
- **Launch the Application:**
  - Double-click the shortcut on your desktop.
  - The application will open, and you will be directed to the home page of "Planning Taylor".

**Note: a terminal will open at the same time as the application is launched, so don't close the terminal while you're using the application. Close the terminal when you're finished with the application, as this takes up your computer's resources.**

## B. Overview of the Home page

The screenshot shows a web browser window titled "Planning Taylor" with the URL "127.0.0.1:5000". The main content area is titled "Students List". At the top, there are four filter buttons: "Select a class level", "Select a Teacher", "Select a language", and "Select a Group", followed by a "Reset Filters" button. Below the filters, a message says "Total Students: 585". A table lists student information with columns: NAME, Firstname, Email, Class Level, and Group. The data includes:

NAME	Firstname	Email	Class Level	Group
AUGE	Clement	clement.auge@epfedu.fr	1ABEE	GDTH3
ETIENNE	Damien	damien.etienne@epfedu.fr	1ABEE	GDTH3
FERNANDEZ GARCIA BERNIER	Alois	alois.fernandezgarciaober@epfedu.fr	1ABEE	GDTH3
GOSSELIN	Raphael	raphael.gosselin@epfedu.fr	1ABEE	GDTH3
GRIMAUD	Timmy	timmy.grimaud@epfedu.fr	1ABEE	GDTH3
JENTA	Margaux	margaux.jenta@epfedu.fr	1ABEE	GDTH3
KLAIT	Imad	imad.klait@epfedu.fr	1ABEE	GDTH3

Once the application is launched, it automatically redirects you to the application's home page on a web browser. From here, you can navigate the sidebar to access your schedule creation.

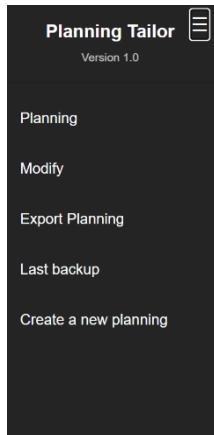
## C. Sidebar utilization

The screenshot shows the same "Planning Taylor" application home page as above. A vertical sidebar on the left is circled with a red oval. The main content area is identical to the previous screenshot, featuring the "Students List" table with the same data.

Sidebar Structure

### 1. Toggle Button:

- **Menu Button:** Located at the top of the sidebar, represented by the (hamburger menu) icon at the top left of the pages.
- **Functionality:** Click this button to collapse (hide) or expand (show) the sidebar.



2. **Sidebar information:**

- **Application Name:** "Planning Taylor".
- **Version:** Indicates the current version of the application (Version 1.0).

3. **Navigation Links:**

- **Planning:** Access the main planning page.
- **Modify:** Go to the page where you can modify your planning manually.
- **Export Planning:** Navigate to the page to export your planning.
- **Last Backup:** Access the page for the last backup of your planning.
- **Create a New Planning:** Start a new planning.

## IV. Planning creation

### A. Files Preparation

This guide helps you correctly rename the files and columns to ensure consistent and clear organization of student information.

#### 1. Student\_info

Rename the file containing all students with their information and their promotion as follows:

Name of the file	“Student_Info”	+ format of the file (“.xlsx” or “.csv”)
------------------	----------------	--

Rename file columns exactly as follows:

Column name needed in the file	Nom	Prénom	Mail	Programme
Description	Student Last Name	Student First Name	Student email address	Student promotion (e.g. PMFGE1)

#### 2. Student\_Sondage\_LV2

Rename the file containing all students with their LV2 language as follows:

Name of the file	“Student_Sondage_LV2”	+ format of the file (“.xlsx” or “.csv”)
------------------	-----------------------	--

Rename file columns exactly as follows:

Column name needed in the file	Nom	Prénom	Langues
Description	Student Last Name	Student First Name	LV2 language

#### 3. Langue (+'\_TT')

Rename the file containing students marks for a particular language as follows:

Name of the file	“Espagnol” or “Anglais” or “Allemand”	+ “_TT” if reduced exam	+ format of the file (“.xlsx” or “.csv”)
------------------	---	-------------------------	--

Rename file columns exactly as follows:

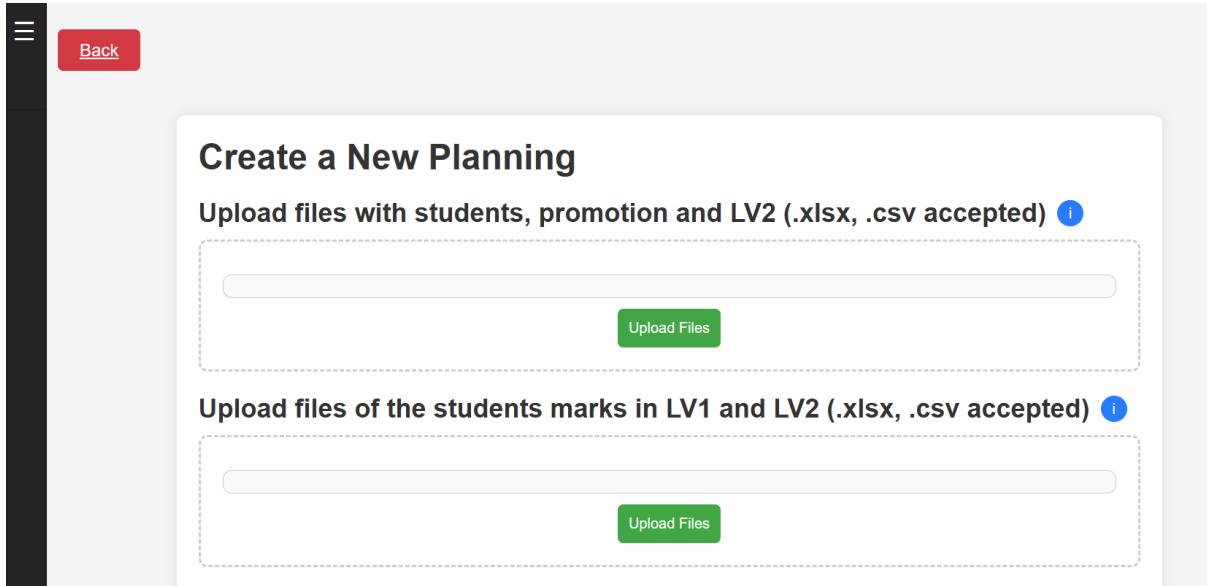
Column name needed in the file	Nom	Prénom	État	Note/10,00
Description	Student Last Name	Student First Name	QCM status (e.g. "Terminé")	Language mark

## B. Create a New Planning Page

This guide will walk you through how to use Create a New Planning page, including how to upload files and manage teacher and Promotions information.

To create a new planning, follow these steps:

### 1. Uploading Files



- **Upload Student and Promotion Information**

1. Find the section titled "**Upload files with students, promotion and LV2 (.xlsx accepted)**".
2. **Info Buttons:** There are info buttons (marked with 'i') next to this section. Clicking these will show a popup with additional information about the specific section.
3. Click the "**Upload Files**" button to select the Excel files (.xlsx) containing student, LV2 language and promotion information or drag and drop the files in this section. Once uploaded, there is still an option to delete the file.
4. The different files to upload:
  - Student\_Info
  - Student\_Sondage\_LV2

- **Upload Student Marks in LV1 and LV2**
  1. Find the section titled "**Upload files of the students marks in LV1 and LV2 (.xlsx accepted)**".
  2. **Info Buttons:** There are info buttons (marked with 'i') next to this section. Clicking these will show a popup with additional information about the specific section.
  3. Click the "**Upload Files**" button to select the Excel files (.xlsx) containing the students' marks or drag and drop the files in this section. Once uploaded, there is still an option to delete the file.
  4. The different files to upload:
    - Espagnol
    - Espagnol\_TT
    - Anglais
    - Anglais\_TT
    - Allemand
    - Allemand\_TT

## 2. Setting Number of Slots in a Day

**Number of slots in a day**

Number:

1. Locate the section titled "**Number of slots in a day**".
2. Enter the desired number of slots in the input field provided. You can adjust the number by using the arrows on the right side of the field or by typing directly into the field. Make sure to input whole numbers. This represents the number of teaching periods available each day. For example, there are 6 teaching periods per day, you would enter "6" in this field.

## 3. Promotions and Levels Availabilities

### Promotion BEE

<b>Promotion BEE :</b>	- 1A	- 2A
<input type="checkbox"/> Monday Morning	<input type="checkbox"/> Monday Morning	
<input type="checkbox"/> Monday Afternoon	<input type="checkbox"/> Monday Afternoon	
<input type="checkbox"/> Tuesday Morning	<input type="checkbox"/> Tuesday Morning	
<input type="checkbox"/> Tuesday Afternoon	<input type="checkbox"/> Tuesday Afternoon	
<input type="checkbox"/> Wednesday Morning	<input type="checkbox"/> Wednesday Morning	
<input type="checkbox"/> Wednesday Afternoon	<input type="checkbox"/> Wednesday Afternoon	
<input type="checkbox"/> Thursday Morning	<input type="checkbox"/> Thursday Morning	
<input type="checkbox"/> Thursday Afternoon	<input type="checkbox"/> Thursday Afternoon	
<input type="checkbox"/> Friday Morning	<input type="checkbox"/> Friday Morning	
<input type="checkbox"/> Friday Afternoon	<input type="checkbox"/> Friday Afternoon	
<input type="checkbox"/> Saturday Morning	<input type="checkbox"/> Saturday Morning	

- 1A:** Select the checkboxes corresponding to the times when you want the "1A" students in Promotion BEE to have classes.
  - Options include various time slots such as Monday Morning, Monday Afternoon, etc.
- 2A:** Select the checkboxes corresponding to the times when you want the "2A" students in Promotion BEE to have classes.

### Promotion FT

<b>Promotion FT :</b> <ul style="list-style-type: none"> <li>- 1A</li> <li><input type="checkbox"/> Monday Morning</li> <li><input type="checkbox"/> Monday Afternoon</li> <li><input type="checkbox"/> Tuesday Morning</li> <li><input type="checkbox"/> Tuesday Afternoon</li> <li><input type="checkbox"/> Wednesday Morning</li> <li><input type="checkbox"/> Wednesday Afternoon</li> <li><input type="checkbox"/> Thursday Morning</li> <li><input type="checkbox"/> Thursday Afternoon</li> <li><input type="checkbox"/> Friday Morning</li> <li><input type="checkbox"/> Friday Afternoon</li> <li><input type="checkbox"/> Saturday Morning</li> </ul>	<ul style="list-style-type: none"> <li>- 2A</li> <li><input type="checkbox"/> Monday Morning</li> <li><input type="checkbox"/> Monday Afternoon</li> <li><input type="checkbox"/> Tuesday Morning</li> <li><input type="checkbox"/> Tuesday Afternoon</li> <li><input type="checkbox"/> Wednesday Morning</li> <li><input type="checkbox"/> Wednesday Afternoon</li> <li><input type="checkbox"/> Thursday Morning</li> <li><input type="checkbox"/> Thursday Afternoon</li> <li><input type="checkbox"/> Friday Morning</li> <li><input type="checkbox"/> Friday Afternoon</li> <li><input type="checkbox"/> Saturday Morning</li> </ul>
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- 1A:** Select the checkboxes corresponding to the times when you want the "1A" students in Promotion FT to have classes.
- 2A:** Select the checkboxes corresponding to the times when you want the "2A" students in Promotion FT to have classes.

### Promotion FG

<b>Promotion FG :</b> <ul style="list-style-type: none"> <li>- 1A</li> <li><input type="checkbox"/> Monday Morning</li> <li><input type="checkbox"/> Monday Afternoon</li> <li><input type="checkbox"/> Tuesday Morning</li> <li><input type="checkbox"/> Tuesday Afternoon</li> <li><input type="checkbox"/> Wednesday Morning</li> <li><input type="checkbox"/> Wednesday Afternoon</li> <li><input type="checkbox"/> Thursday Morning</li> <li><input type="checkbox"/> Thursday Afternoon</li> <li><input type="checkbox"/> Friday Morning</li> <li><input type="checkbox"/> Friday Afternoon</li> <li><input type="checkbox"/> Saturday Morning</li> </ul>	<ul style="list-style-type: none"> <li>- 2A</li> <li><input type="checkbox"/> Monday Morning</li> <li><input type="checkbox"/> Monday Afternoon</li> <li><input type="checkbox"/> Tuesday Morning</li> <li><input type="checkbox"/> Tuesday Afternoon</li> <li><input type="checkbox"/> Wednesday Morning</li> <li><input type="checkbox"/> Wednesday Afternoon</li> <li><input type="checkbox"/> Thursday Morning</li> <li><input type="checkbox"/> Thursday Afternoon</li> <li><input type="checkbox"/> Friday Morning</li> <li><input type="checkbox"/> Friday Afternoon</li> <li><input type="checkbox"/> Saturday Morning</li> </ul>	<ul style="list-style-type: none"> <li>- 3A</li> <li><input type="checkbox"/> Monday Morning</li> <li><input type="checkbox"/> Monday Afternoon</li> <li><input type="checkbox"/> Tuesday Morning</li> <li><input type="checkbox"/> Tuesday Afternoon</li> <li><input type="checkbox"/> Wednesday Morning</li> <li><input type="checkbox"/> Wednesday Afternoon</li> <li><input type="checkbox"/> Thursday Morning</li> <li><input type="checkbox"/> Thursday Afternoon</li> <li><input type="checkbox"/> Friday Morning</li> <li><input type="checkbox"/> Friday Afternoon</li> <li><input type="checkbox"/> Saturday Morning</li> </ul>
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- 1A:** Select the checkboxes corresponding to the times when you want the "1A" students in Promotion FG to have classes.
- 2A:** Select the checkboxes corresponding to the times when you want the "2A" students in Promotion FG to have classes.
- 3A:** Select the checkboxes corresponding to the times when you want the "3A" students in Promotion FG to have classes.

#### 4. Managing Teachers

The screenshot shows a user interface for managing teachers. At the top, there's a header 'Manage Teachers' and a sub-instruction 'Add a new teacher:'. Below this are four input fields: 'Name', 'Surname', 'Email', and a dropdown menu set to 'English'. Underneath these is a section titled 'Availabilities' containing checkboxes for each day of the week, both Morning and Afternoon. At the bottom left is a blue 'Add Teacher' button. To the right, under 'Teachers List', is a single entry for 'Léa Dupont' with the email 'Lea.dupont@epf.fr', availability 'Tuesday Afternoon, Thursday Morning', and a red 'Delete' button.

- **Add a New Teacher**

1. Scroll to the section titled "**Manage Teachers**".
2. Enter the teacher's details in the form provided:
  - **Name:** Enter the teacher's first name.
  - **Surname:** Enter the teacher's last name.
  - **Email:** Enter the teacher's email address.
  - **Subject:** Select the subject the teacher will teach from the dropdown list (English, Spanish, German, Chinese).
3. **Set Teacher Availability**
  - Below the teacher's details, check the boxes next to the times when the teacher is available to teach.
  - Availability options include Monday to Saturday, with separate options for Morning and Afternoon.
4. Click the "**Add Teacher**" button to save the teacher's information.
5. All added teachers will appear in the "**Teachers List**" section. If you make a mistake or wish to remove a teacher, click the delete button next to the respective teacher.

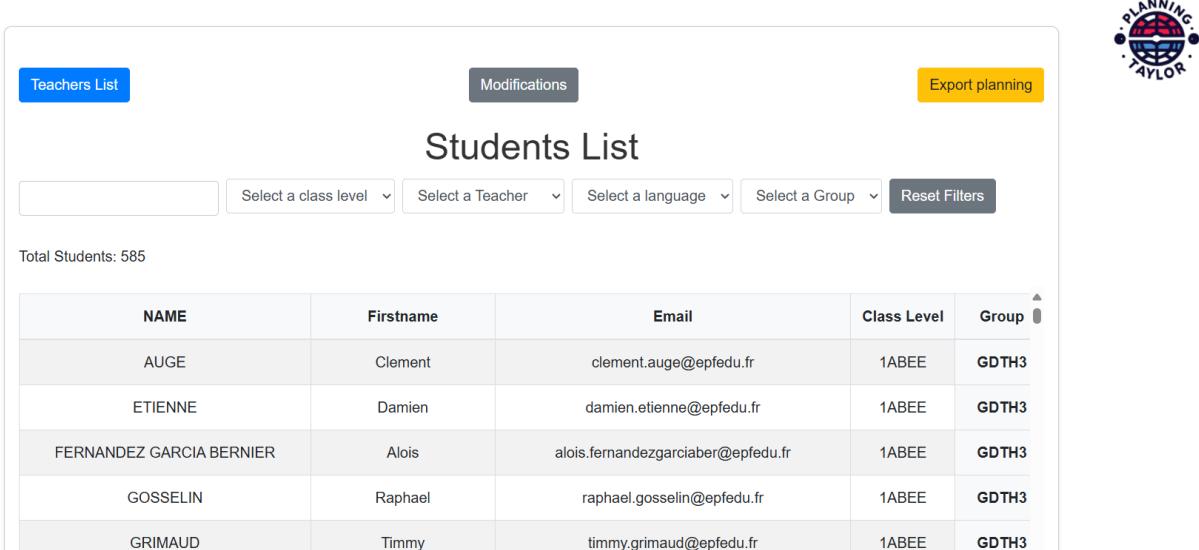
#### 5. Create the planning

The screenshot shows a user interface for creating a planning schedule. In the center, there is a single blue button labeled 'Create the Planning'.

- **Create the Planning:** Click this button to create the planning based on the input provided. This will save the data and generate the planning schedule.

## V. Features and Usage

### A. Home page



The screenshot shows a web application interface titled "Students List". At the top, there are three buttons: "Teachers List" (blue), "Modifications" (grey), and "Export planning" (yellow). To the right of the "Export planning" button is a circular logo with the text "PLANNING" and "TAYLOR". Below the buttons is a search bar with placeholder text "Search" and four dropdown filters: "Select a class level", "Select a Teacher", "Select a language", and "Select a Group", followed by a "Reset Filters" button. The main area displays a table with the following data:

NAME	Firstname	Email	Class Level	Group
AUGE	Clement	clement.auge@epfedu.fr	1ABEE	GDTH3
ETIENNE	Damien	damien.etienne@epfedu.fr	1ABEE	GDTH3
FERNANDEZ GARCIA BERNIER	Alois	alois.fernandezgarciaber@epfedu.fr	1ABEE	GDTH3
GOSSELIN	Raphael	raphael.gosselin@epfedu.fr	1ABEE	GDTH3
GRIMAUD	Timmy	timmy.grimaud@epfedu.fr	1ABEE	GDTH3

The home page is the main menu of the application linked to all the pages except « Create a new Planning ». To access « Create a new Planning » the user needs to go through the side bar.

The home page shows the list of students with all the needed information:

#### Total Students:

Name	First name	Email	Class Level	Group	Language	Teacher

This list is organized to highlight the groups and to make them appear clearly. One student is printed two times if he has two courses (LV1 and LV2).

We have possibilities to filter this list by Student name (research), Class Level, Teacher, language, and Group (multiple choices).

Those information are mostly linked to the group.

The Total Students is based on the current list and updates when a filter is entered. For example, when entering a filter to select a "Group", we can see the number of students in the group.

#### Buttons Effect

**Teachers List** : Redirection to the **list of Teachers**

**Modifications**

: Redirection to the Modification menu for Students and Teachers

**Export planning**

: Redirection to the Export page

**Reset Filters**

: Refresh all the filters to display the whole list.

## B. Teachers' list



Teachers List				
NAME	Firstname	Email	Subject	Availabilities
BERNARD	Emma	emma.smith@example.com	ANGLAIS	Thursday 1 Thursday 2 Thursday 3 Tuesday 1 Tuesday 2 Tuesday 3
DUBOIS	Gabriel	david.johnson@example.com	ANGLAIS	Thursday 1 Thursday 2 Thursday 3 Tuesday 1 Tuesday 2 Tuesday 3
DURAND	Manon	olivia.miller@example.com	ESPAGNOL	Thursday 1

This list shows the information about Teachers. It includes their Name, first name, Email, Subject teaches and their availabilities.

This page only allows visualization because there are not enough language teachers to need filters.

## Buttons Effect

**Student List**

: Brings back to the list of Students

## C. Modifications

Goal: The purpose of this page is to manage exceptions or small modifications during the entire year without having to restart the creation of the planning.

Modification Options (Radio buttons to choose the action you want to perform):

- Add a new student
- Delete a student
- Change a student of class
- Add a new teacher
- Switch timeslot's teachers

## Add Student Form:

PLANNING  
AYLOR

☰

Ⓐ Add a new student  
Ⓑ Delete a student  
Ⓒ Change a student of class  
Ⓓ Add a new teacher  
Ⓔ Switch timeslot's teachers

### Add a new student

NAME

First name

Promo

Email

Select English Course

Reduced exam

**Add a new student** **Reset**

- **Form Title:** "Add a new student".
- **Fields:**
  - **Name:** Input for student's last name.
  - **First Name:** Input for student's first name.
  - **Promo:** Dropdown to select the student's promotion.
  - **Email:** Input for student's email.
  - **English Course:** Dropdown to select the English course.
  - **Second Language (optional):** depends on the student promotion which reveals additional fields for LV2 and LV2 Course. Choose LV2 language and the LV2 course. Grey field are the courses that cannot be chosen because they are at the same time of the student English course.
  - **Reduced Exam (optional):** Checkbox if the student requires a reduced exam.
- **Buttons:**
  - **Add a new student:** Submits the form.
  - **Reset:** Clears all fields in the form.

## Delete Student Form:

☰

Ⓐ Add a new student  
Ⓑ Delete a student  
Ⓒ Change a student of class  
Ⓓ Add a new teacher  
Ⓔ Switch timeslot's teachers

### Delete a student

Type the name of the student you want to delete...

Select a Student

**Delete This Student**

- **Form Title:** "Delete a student".
- **Fields:**
  - **Search:** Input to type the beginning last name of the student you want to delete.
  - **Select Student:** Dropdown to select the student (populated based on search).
  - **Student Details:** Once a student selected, the section 'student details' display details of the selected student for confirmation. Verify its information.
- **Buttons:**
  - **Delete This Student:** Deletes the selected student (enabled only when a student is selected).

## Change Student Class Form:

Change a student of class

Name: DURAC
First name: Natacha
Promo: 1AFG
Email: natacha.durac@epfedu.fr
English course: EBTH2
LV2 course: ESMDTH2

You want to change the class of this student:

Name: DURAC

First name: Natacha

Promo: 1AFG

Email: natacha.durac@epfedu.fr

English course: EBTH2

LV2 course: ESMDTH2

Which class do you want to modify?

English course

LV2 Course

EBTH2

**Change the class** **Reset**

- **Form Title:** "Change a student of class".
- **Fields:**
  - **Search:** Input to type the last name of the student whose class you want to change.
  - **Select Student:** Dropdown to select the student (populated based on search).
  - **Student Details:** Displays details of the student, once selected.
  - **Class to Modify:** select whether to change the English course or LV2 course. If the student does not study a LV2 this part does not appear.
  - **New Class:** Dropdown to select the new class (based on selected course type).
- **Buttons:**
  - **Change the class:** Submits the form to change the student's class (enabled only when a student and new class are selected).

## Add Teacher Form:

Switch timeslot's teachers

### Add a new teacher

NAME  
First name  
Email  
Language

Availabilities

Monday Morning       Monday Afternoon  
 Tuesday Morning       Tuesday Afternoon  
 Wednesday Morning       Wednesday Afternoon  
 Thursday Morning       Thursday Afternoon  
 Friday Morning       Friday Afternoon  
 Saturday Morning

**Add a new teacher**      **Reset**

- **Form Title:** "Add a new teacher".
- **Fields:**
  - **Name:** Input for teacher's last name.
  - **First Name:** Input for teacher's first name.
  - **Email:** Input for teacher's email.
  - **Language:** Dropdown to select the language the teacher teaches.
  - **Availabilities:** Checkboxes to select the teacher's available time slots.
- **Buttons:**
  - **Add a new teacher:** Submits the form to add the teacher.
  - **Reset:** Clears all fields in the form.

## Switch courses' teachers Form:

What do you want to modify?

Add a new student  
 Delete a student  
 Change a student of class  
 Add a new teacher  
 Switch timeslot's teachers

Change a teacher of time slot

Select Timeslot  
Select Language  
Select the first Teacher to switch  
Select the second Teacher to switch

**Switch**      **Reset**

- **Form Title:** "Change a teacher of time slot".
- **Fields:**
  - **Select Timeslot:** Dropdown to select the timeslot you want to make a modification on.
  - **Select Language:** Dropdown to select the language of the courses you want to switch.
  - **Select the first teacher to switch:** Dropdown to select the first teacher you want to switch among the teachers who teach the language selected in the previous field. If some teachers are grey in the dropdown, it is because they are not available during the timeslot chosen.
  - **First teacher details:** After choosing the first teacher, his information (first name, last name and the class he is teaching during the timeslot chosen) will appear.
  - **Select the second teacher to switch:** Dropdown to select the second teacher you want to switch among the teachers who teach the language selected in the previous field. If some teachers are grey in the dropdown, it is because they are not available during the timeslot chosen.
  - **Second teacher details:** After choosing the second teacher, his information (first name, last name and the class he is teaching during the timeslot chosen) will appear.
- **Buttons:**
  - **Switch:** Submits the form to switch the teachers' courses.
  - **Reset:** Clears all fields in the form.

## Practical Tips

- **Ensure Required Fields Are Filled:** Before submitting any form, make sure all required fields are completed.
- **Use the Reset Button:** If you make a mistake or want to start over, use the "Reset" button to clear the form.
- **Review Details:** For deletion and modification actions, always review the details displayed to ensure you are selecting the correct student or teacher.

## D. Export

Download the specific files concerning the planning.



Back

## File Export

**Export Groups**

CSV ▾ EBTH1 ▾  Export all groups **Export**

**Export Teachers**

CSV ▾ BERNARD Emma ▾  Export all teachers **Export**

**Export LV1 Groups for Moodle**

Excel ▾ **Export LV1**

**Export LV2 Groups for Moodle**

All Promotions ▾ **Export LV2**

### Export Groups :

- Find the Section "**Export Groups**"
- Choose between "**CSV**" and "**PDF**" file formats from the dropdown menu to export the groups.
- Choose a group from the dropdown menu to select a specific group to download or check the "**Export all groups**" option if you want to export all groups.
- Click the "**Export**" button to download the selected data.
- The exported file can be found on "**Planning-generator/Student\_Group**"

*Example of PDF output:*

#### Group EBTH1

Teacher: BERNARD Emma

Schedule: Thursday 1

#### Students

NAME	SURNAME	EMAIL	CLASS
Amedee	BAILLEUL	amedee.bailleul@epfedu.fr	1AFT
Alim	BUDAK	alim.budak@epfedu.fr	1AFT
Ugo	CORDOBA MARTINEZ	ugo.cordobamartinez@epfedu.fr	1AFT
Arthur	DE DIEULEVEULT	arthur.dedieuleveult@epfedu.fr	1AFT
Nathan	DELOUSTAU	nathan.deloustau@epfedu.fr	1AFT
Timeo	HEINEMANN	timeo.heinemann@epfedu.fr	1AFT
Romane	HERENG	romane.hereng@epfedu.fr	1AFT
Rodrigue	HOARAU	rodrigue.hoarau@epfedu.fr	1AFT
Noah	JARDIN	noah.jardin@epfedu.fr	1AFT
Yassine	KHALFALAH	yassine.khalfalah@epfedu.fr	1AFT
Valentin	LAGANDRE	valentin.lagandre@epfedu.fr	1AFT

## Export Teachers:

- Find the Section "**Export Teachers**"
- Choose between "**CSV**" and "**PDF**" file formats from the dropdown menu to export the teachers.
- Choose a group from the dropdown menu to select a specific teacher to download his information or check the "**Export all teachers**" option if you want to export all groups.
- Click the "**Export**" button to download the selected data.
- The exported file can be found on "**Planning-generator/Student\_Group**"

*Example of PDF output:*

Professor BERNARD Emma				
Details				
NAME	SURNAME	EMAIL	SUBJECT	AVAILABILITY
BERNARD	Emma	emma.smith@example.com	ANGLAIS	Thursday 1, Thursday 2, Thursday 3, Tuesday 1, Tuesday 2, Tuesday 3
Groups				
GROUP		DAY	TIME	
EBTH1		Thursday	1	
EBTH2		Thursday	2	
EBTH3		Thursday	3	
EBTU1		Tuesday	1	
EBTU2		Tuesday	2	
EBTU3		Tuesday	3	

## Export LV1 Groups for Moodle:

For LV1 groups, we export a file containing all the promotions and their English groups associated.

- Find the Section "**Export LV1 Groups for Moodle**"
- The file format is Excel and cannot be changed in this version.
- Click the "**Export LV1**" button to download the selected data.
- A notification will appear indicating that the file is downloaded in the "**Student\_Groups**" folder.

*Example of output:*

A	B	C	D	E	
1	Year	Student name	Student firstname	Promotion	LV1_GROUP
2	24	PINARD	Ulysse	1AFT	EBTH1
3	24	HERENG	Romane	1AFT	EBTH1
4	24	PALUEAU	Ysee	1AFT	EBTH1
5	24	ROUSSEL	Axel	1AFT	EBTH1
6	24	DE DIEULEVEULT	Arthur	1AFT	EBTH1
7	24	HEINEMANN	Timeo	1AFT	EBTH1
8	24	KHALFALAH	Yassine	1AFT	EBTH1
9	24	LAGANDRE	Valentin	1AFT	EBTH1
10	24	HOARAU	Rodrigue	1AFT	EBTH1
11	24	MERIC	Charles	1AFT	EBTH1
12	24	MOREAU	Adrien	1AFT	EBTH1
13	24	BAILLEUL	Amedee	1AFT	EBTH1
14	24	CORDOBA MARTINEZ	Ugo	1AFT	EBTH1
15	24	SYLVAIN	Cyrian	1AFT	EBTH1
16	24	JARDIN	Noah	1AFT	EBTH1
17	24	MENANTEAU	Victor	1AFT	EBTH1
18	24	BUDAK	Alim	1AFT	EBTH1
19	24	DELOUSTAU	Nathan	1AFT	EBTH1

### Export LV2 Groups for Moodle:

For LV2 Groups, we export as many files as there are promos. And each file contains all the LV2 Groups for the student in the promo.

- Find the Section " **Export LV2 Groups for Moodle** "
- Choose the file format from the dropdown menu.
- Click the "**Export LV2**" button to download the selected data.
- A notification will appear indicating that the file is downloaded.
- It can be found at "**Student\_Group**" folder.

*Example of output:*

The screenshot shows a Microsoft Excel interface with three workbooks listed in the taskbar:

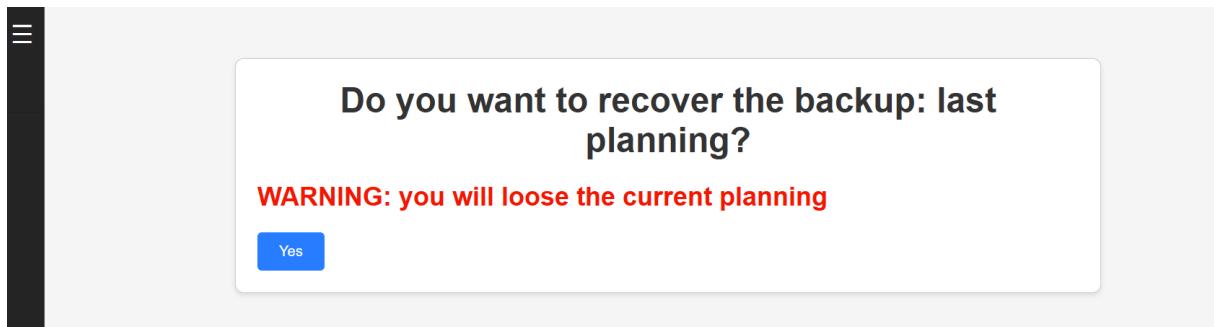
- LV2\_2ABEE.xlsx
- LV2\_1AFT.xlsx
- LV2\_2AFG.xlsx

The active workbook is **LV2\_1ABEE.xlsx**. The ribbon menu is visible at the top, with the **Accueil** tab selected. The table in the worksheet has the following data:

	A	B	C	D	E	F	G
1	<b>Student name</b>	<b>Student firstname</b>	<b>Promotion</b>				
2	AUGE	Clement	1ABEE				
3	ETIENNE	Damien	1ABEE				
4	FERNANDEZ GARCIA BERNIER	Alois	1ABEE				
5	GOSELIN	Raphael	1ABEE				
6	GRIMAUD	Timmy	1ABEE				
7	JENTA	Margaux	1ABEE				
8	KLAIT	Imad	1ABEE				
9	MARION	Alwenna	1ABEE				
10	MUENI		1ABEE				

## E. Last Backup

The page “**last backup**” is used when you want to recover the last planning you created. Warning: the current planning cannot be recovered after this action.



### Step 1: Understand the Page

When you arrive on the "Last Backup" page, you'll see a large headline asking if you want to recover the last backup of your planning.

**Important Message:** Just below the headline, there's a warning in red letters informing you that if you decide to recover this backup, you will lose your current planning.

### *Step 2: Decide to Recover the Backup*

If you are sure you want to recover your last backup and understand that it will overwrite your current planning, and that it will not be saved as a backup, you can proceed as follows:

- **Click on the "Yes" button:** This button is located under the warning message.

### *Step 3: Confirm Your Choice*

After clicking "Yes," a small window (popup) will appear in the middle of the screen to ask for your confirmation.

- **Read the message in the popup:** It reiterates that recovering the last backup will delete your current planning.
- **Make a decision:**
  - If you wish to proceed, click on "**Yes, I'm sure**". Your last backup will be loaded, and you will be redirected to your planning page.
  - If you change your mind, click on "**Cancel**". This button is often red or another color that indicates a negative action. This will close the popup without making any changes.

## **VI. Security and Privacy**

### **A. Law**

The application is hosted locally. All data handled by the application is processed in accordance with privacy laws, protecting the confidentiality and rights of individuals whose data is being used.

### **B. Ethic**

The application is built with a commitment to ethical principles. It does not consider or process any information related to the gender, ethnicity, or other personal characteristics of students or teachers, thereby promoting equality and non-discrimination. All decisions and groupings are purely based on academic and language-related criteria.

### **C. Environmental impact**

The application aims to minimize its environmental impact by ensuring it only consumes energy when it is actively used. This design choice helps reduce unnecessary energy consumption, making the application more eco-friendly. Additionally, the application leverages efficient algorithms and data management techniques to ensure optimal performance, further contributing to reduced energy usage.