

Overview

Calendars are visual representations of teachers' schedules.

Any teacher's calendar shows us:

- 1) The times when the teacher is available to give classes
- 2) The times when the teacher is giving (or has given) classes

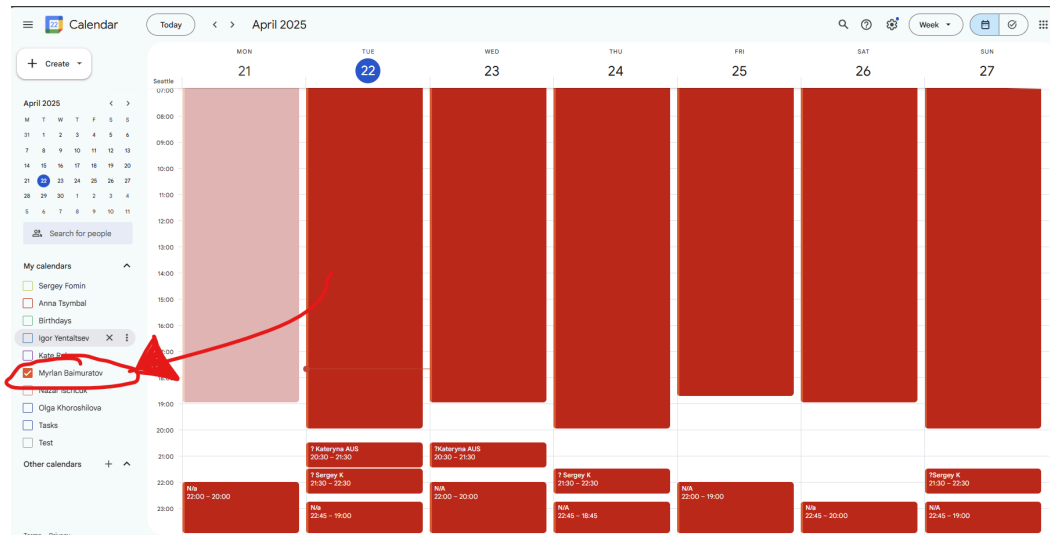
Whenever we use the word "managers" below we mean such user statuses as "manager", "accountant" and "super admin".

We show a teacher's account here in the screenshots.
The teacher's credentials: Nazar.Ischuk@gmail.com
lalala1983)

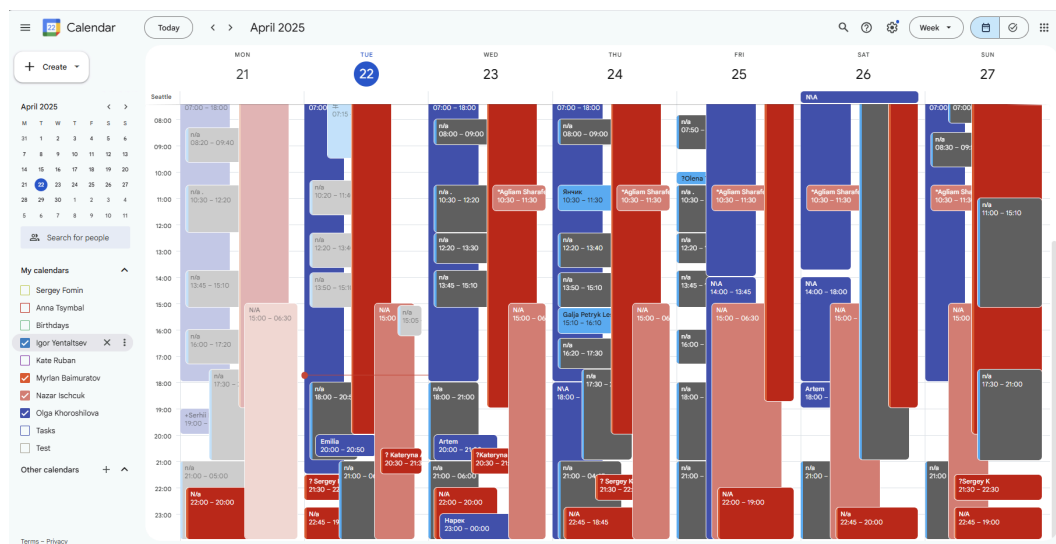
1. Every teacher has their own calendar.

2. Managers can see calendars of all teachers.

When managers open the calendar page, they see the calendar of only one teacher.



Otherwise, if all teachers calendars are shown, we see a mess:



3. Time zones

By default, teachers see their calendars in their local time zones. We probably need to add an option for a teacher to set their local timezone either in their profile settings or in their calendar.

4. Teachers can see/work with their calendars only.

Managers/Accountants/Super Admins can work with any teacher's calendar.

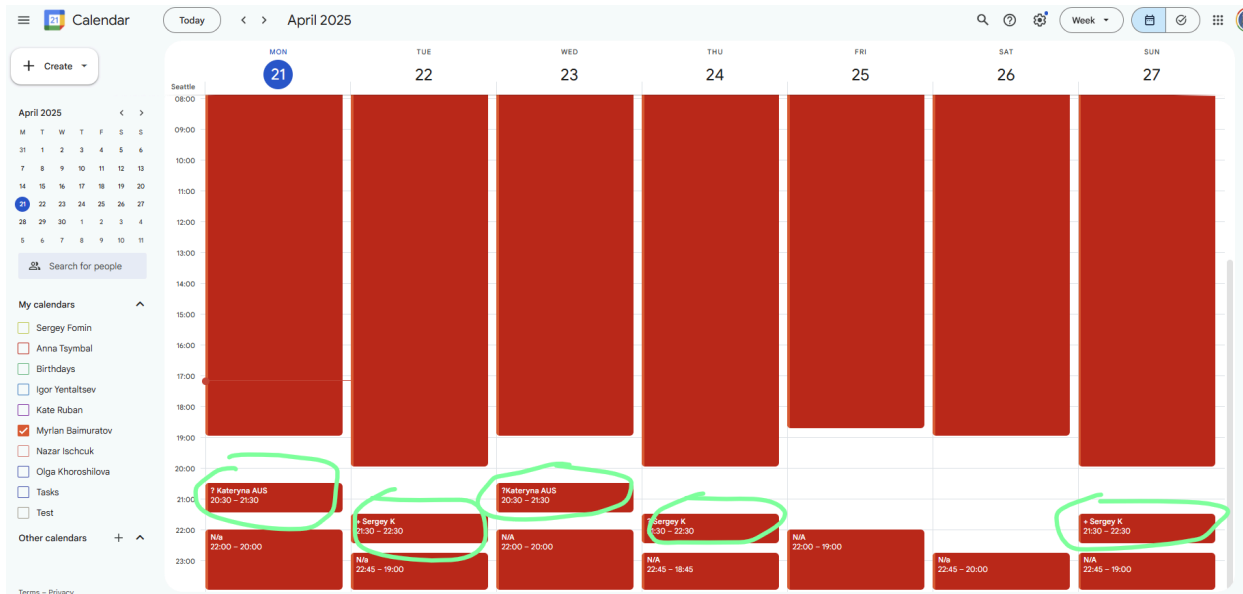
5. Availability.

Teachers can set the time when they are available for giving classes. For instance, this is how it works now in Google calendars which we use for scheduling:



These large red rectangles are blocks of times that the teacher (Myrlan Baimuratov) marked as “n/a” - not available. Thus, he can't give lessons and managers can't schedule him lessons at these times.

These are his scheduled classes (circled in green):



All the “white” times indicate when he is available to be scheduled for a lesson:

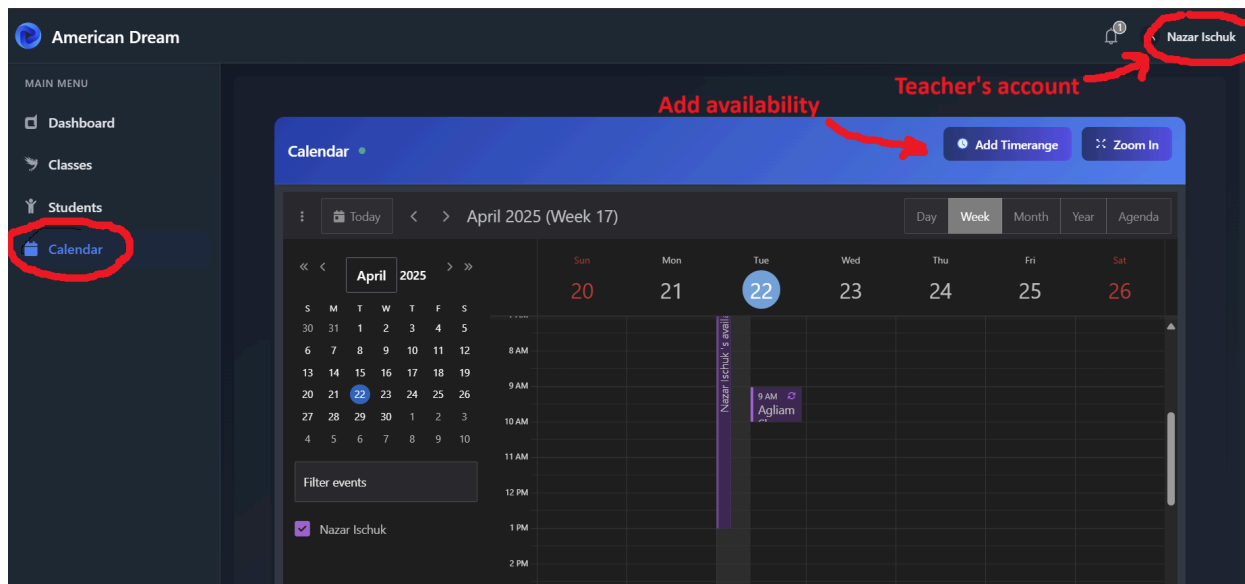


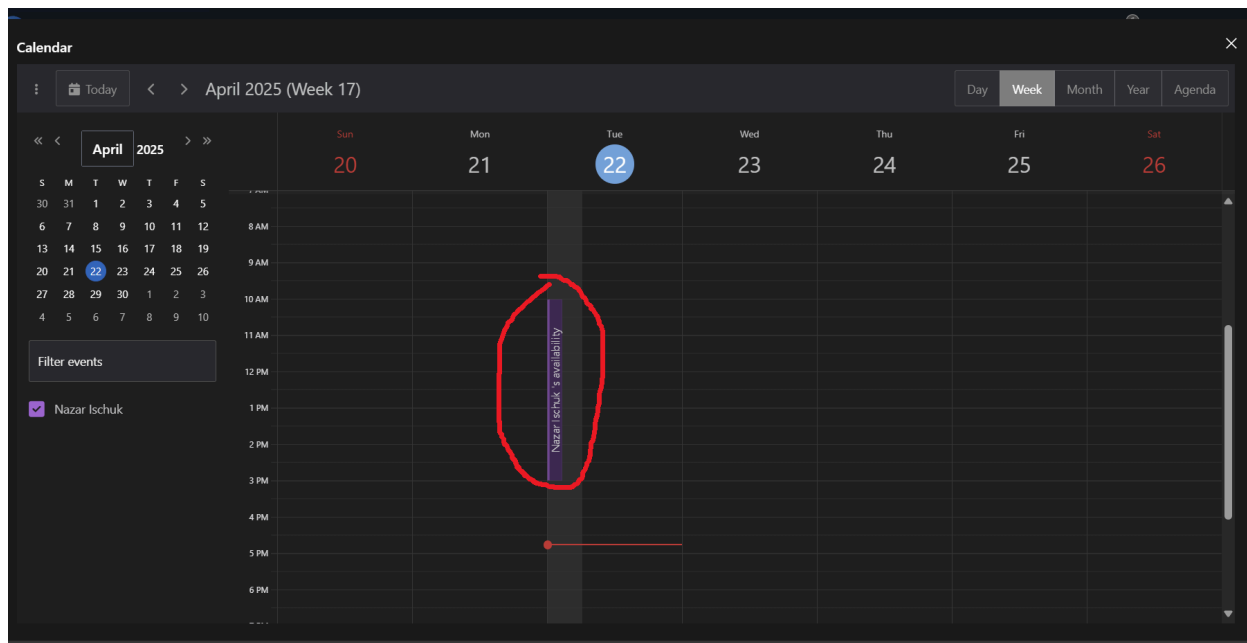
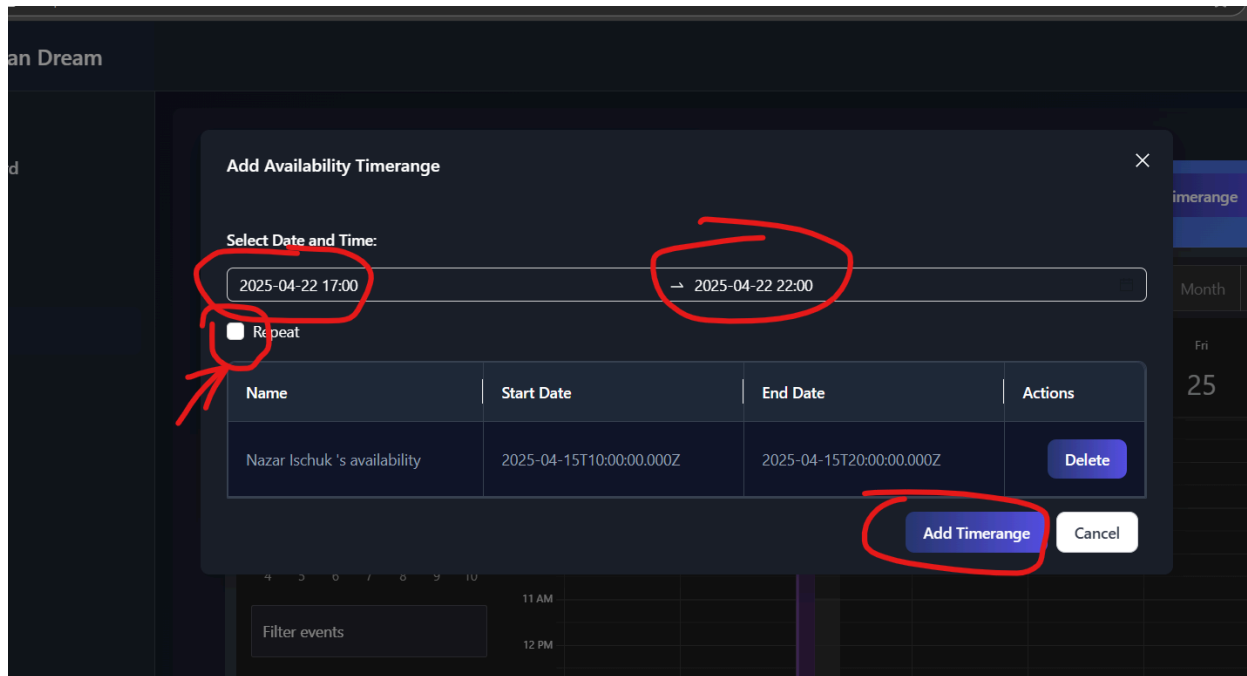
We should maintain the same logic in our calendar app.

- 1) A teacher should be able to mark time when they are available for lessons

- 2) Managers can schedule a lesson at any time marked as “available”
- 3) A teacher can schedule a lesson at any time in their calendar (both available or unavailable)

The previous developer used some kind of calendar that is similar to Google Calendar. He created a functionality for teachers to add blocks of time when they are available:





This is how availability is displayed currently (above)

1. For some reason, it's not displayed in my timezone.

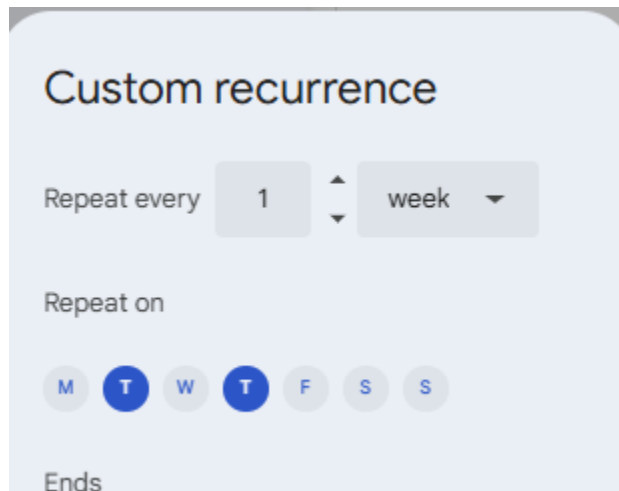
2. In our current system (Google Calendars) everything works the other way around. We mark (show blocks as colored) the time when teacher is not available, and leave as empty time slots when the teacher is available (see screenshots of Google calendars above). Honestly, it looks more intuitive. If there's a way to do it the same way, that'll be great!

6. Scheduling a lesson

1. When adding a lesson to the calendar (scheduling) a user should choose:
 - Time when the lesson starts
 - Class type:
 - Trial-lesson (always 30 min)
 - Regular-lesson
 - Instant lesson
 - Group lesson
 - Training (*available for scheduling for accountant and super admin only*)
 - Class duration (*now all regular classes are 50 min, but we might add 80 min classes later*).
 - Student (*alphabetically sorted list of students' names, a search by the first letters of student's last*

name should also be enabled). If the class type is “Group lesson” then instead of students we see a list of groups.

- Repeating mode:
 - Does not repeat
 - Weekly on certain days of the week:



Custom recurrence

Repeat every 1 week

Repeat on

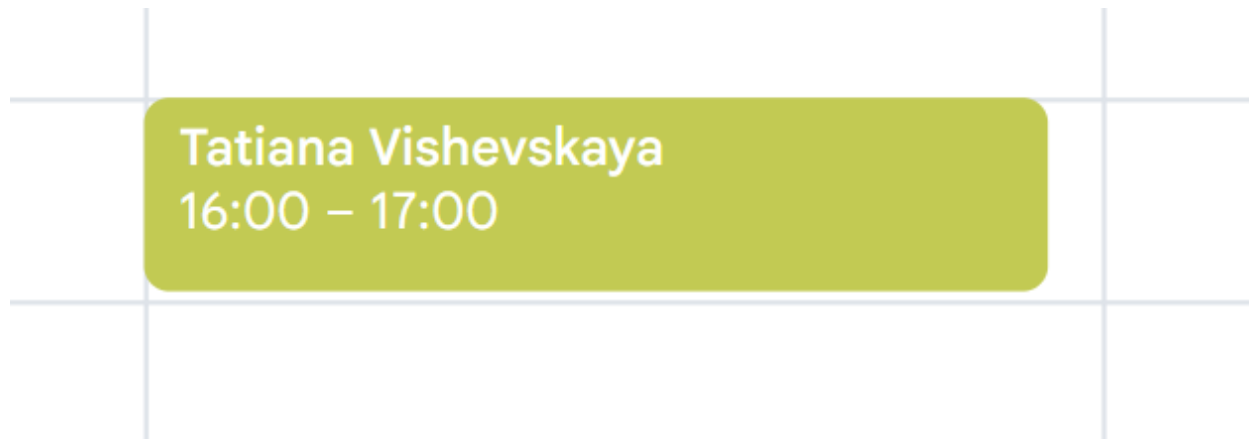
M T W T F S S

Ends

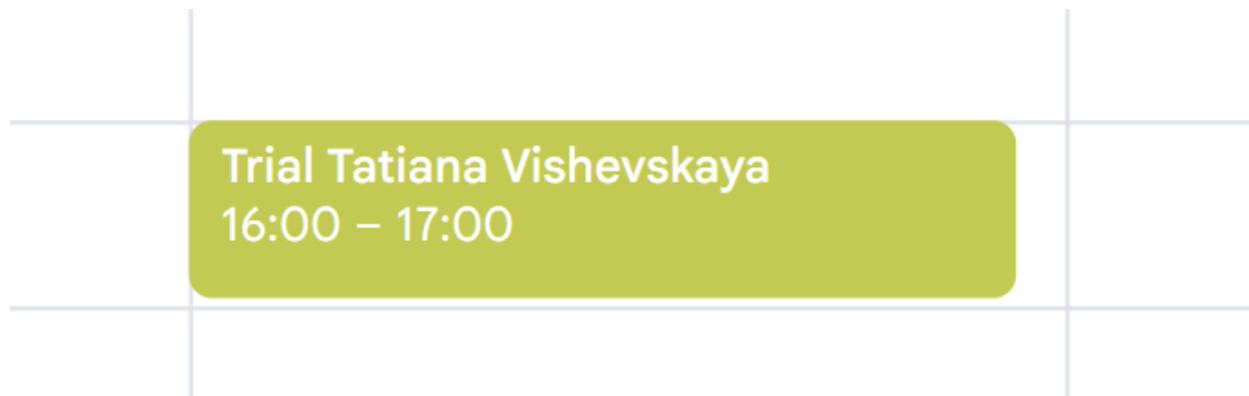
(here the class will be repeated on Tuesdays and Thursdays at the same time as the current class)

2. Keep in mind that soon we may provide group lessons, and a group will consist of several students. I think there should be a class type called "Group lesson", and then, when adding a class in the calendar, instead of the name of a student, a user should choose the name of the group. Organize the database accordingly.

3. By default, the name of the class (event) in the calendar, contains student's (group's) name only:



4. If the class type is “Trial lesson” the word “Trial” appears in front of the name of the student:

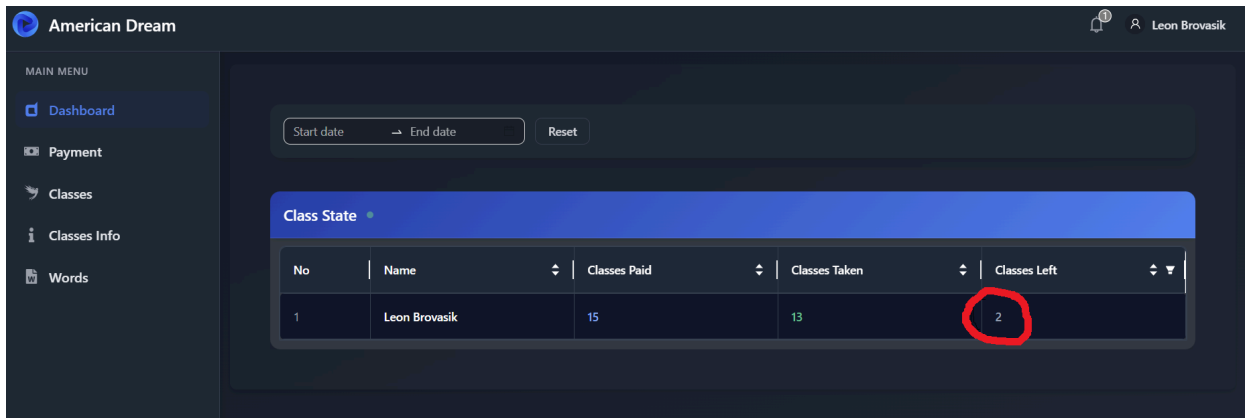


7. Payment status: paid and reserved classes

Every class in the calendar must have a payment status:

- Paid - if the student has sufficient paid classes on their balance.

- Reserved - if the student doesn't have enough paid classes on their balance.



The screenshot shows the 'American Dream' dashboard. On the left is a 'MAIN MENU' with links to Dashboard, Payment, Classes, Classes Info, and Words. The main area has a 'Class State' table. Above the table are filters for 'Start date' and 'End date' with a 'Reset' button. The table has columns: No, Name, Classes Paid, Classes Taken, and Classes Left. The first row shows student 'Leon Brovasik' with 15 paid classes, 13 taken classes, and 2 classes left. The number '2' in the 'Classes Left' column is circled in red.

| No | Name | Classes Paid | Classes Taken | Classes Left |
|----|---------------|--------------|---------------|--------------|
| 1 | Leon Brovasik | 15 | 13 | 2 |

For instance the student in the screenshot above (Leon Brovasik) still has 2 regular (not trial) paid classes. So if a manager/teacher adds 3 classes with Leon into a teacher's schedule, then two (2) of the classes will be "paid" and one (1) will be "reserved".

We should somehow indicate that a class is "reserved" (not paid). I suggest the system automatically adds "RSVR" in front of the student's name, like this:



A diagram showing a green rounded rectangle containing the text 'RSRV Tatiana Vishnevskaya' and '17:00 – 18:00' below it. The rectangle is set against a light gray grid background.

RSRV Tatiana Vishnevskaya
17:00 – 18:00

The system must automatically delete all future reserved classes with the student if they don't add enough paid classes to their balance at least 12 hours before the lesson starts.

Conversely, if a student doesn't have paid classes, a teacher/manager can't add a class with this student earlier than 12 hours ahead.

8. Lesson statuses

Once the lesson is over, teacher/manager must be able to set the class status to one of the following:

- Given
- Cancelled
- No show student

“Given” and “No show student” statuses have the following effects:

- One class is subtracted from the student's balance,
- One class is added to the teacher's salary

Cancelled: no actions

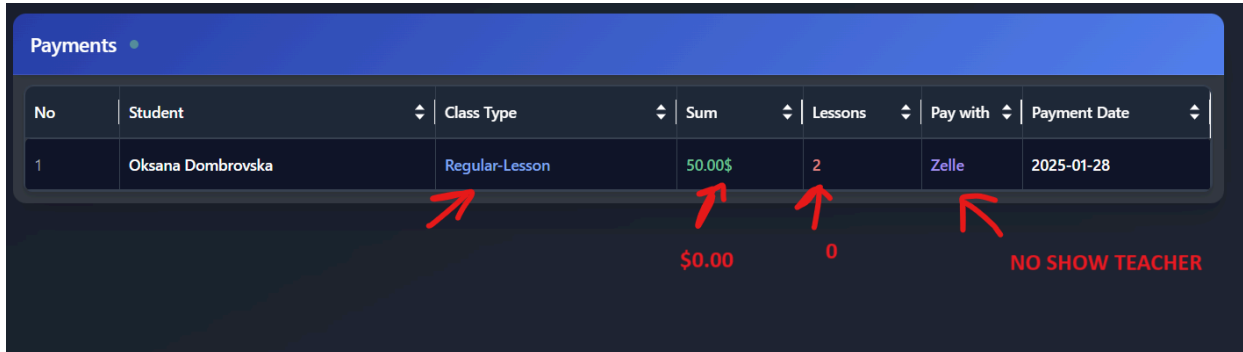
The following status can be set by managers only:

- No show teacher

Once this status is set,

One class of according class type is added to the student's balance:

A following line in "Payments" menu appears:



| No | Student | Class Type | Sum | Lessons | Pay with | Payment Date |
|----|-------------------|----------------|----------|---------|----------|--------------|
| 1 | Oksana Dombrovska | Regular-Lesson | \$0.00\$ | 2 | Zelle | 2025-01-28 |

One class of according type appears in the teacher's salary.

For instance, a class with type "regular class" was scheduled for student Ivan Ivanov with teacher Maria Ivanova. The teacher didn't show up for the class. A payment for a class is added for the student in the payments table with

"Class type": "Regular lesson"

"Sum": "0"

"Lessons": "1"

"Pay with" : "No show teacher"

"Payment date" : "date of the lesson"

How this class is calculated in the teacher's Maria Ivanova salary is described below.

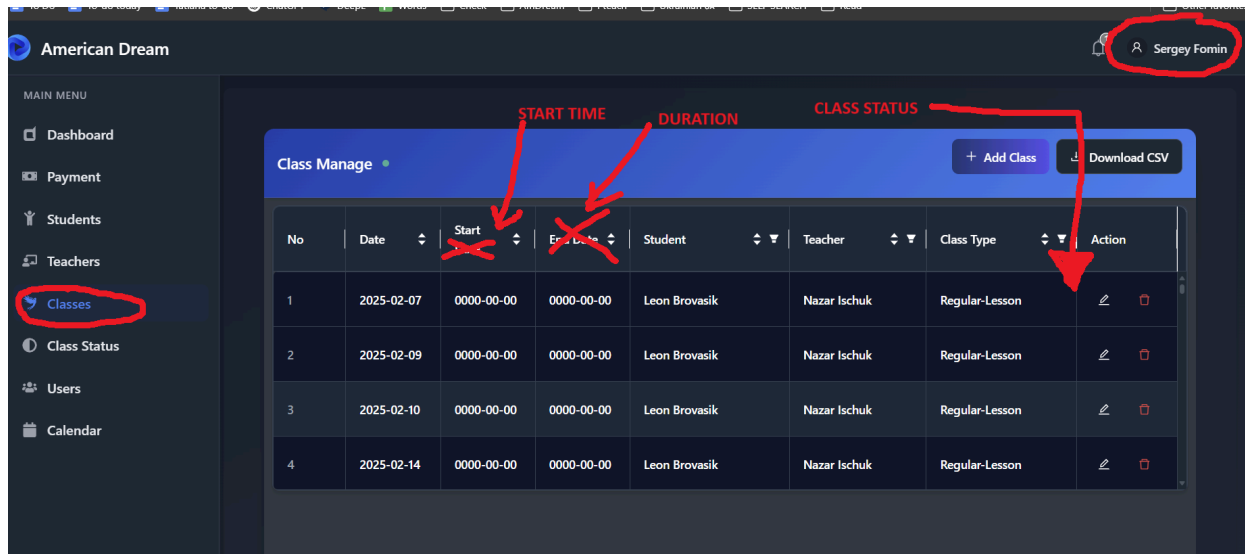
9. Classes table

Once the Class status is set to:

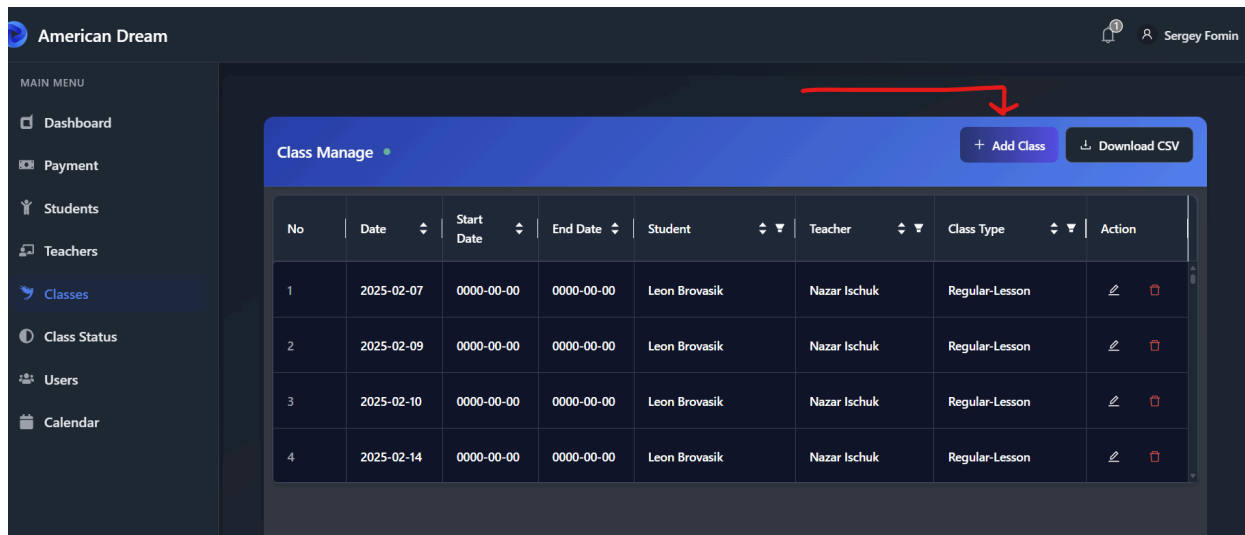
- Given
- No show student

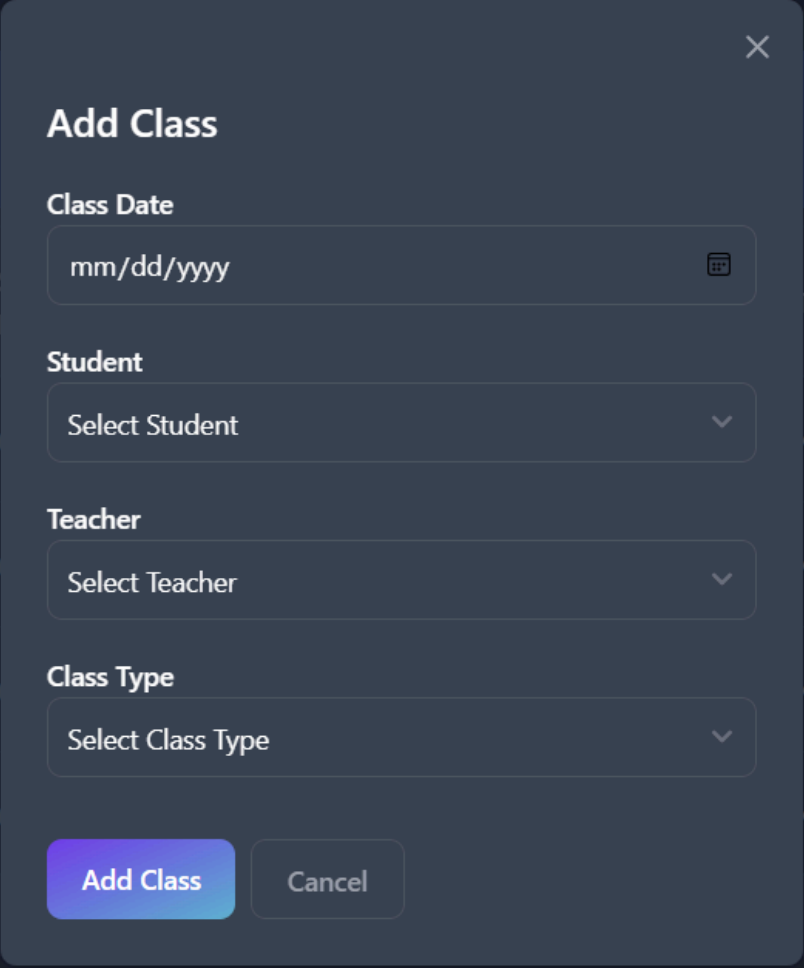
- No show teacher
- Cancelled

A line with a respective Class status should appear in the “Classes” table.



Currently we add a class by submitting the “Add Class” form:





The image shows a modal window titled "Add Class" with a close button (X) in the top right corner. The form contains four fields: "Class Date" with a text input showing "mm/dd/yyyy" and a calendar icon; "Student" with a dropdown menu showing "Select Student"; "Teacher" with a dropdown menu showing "Select Teacher"; and "Class Type" with a dropdown menu showing "Select Class Type". At the bottom are two buttons: "Add Class" (highlighted in blue) and "Cancel". The background is a dark calendar interface with dates like 2025-02-07, 2025-02-09, 2025-02-10, and 2025-02-14 visible.

This option should still be available.

Once the manager/teacher sets a class status for a class in the calendar, the system should automatically add a line in the “Classes” table as if the information about the class was added by submitting the “Add class” form.

What happens with the student's balance and teacher's salary when class status is anything other than "Cancelled" is described in other parts of this assignment. When the class status is set to "Cancelled":

- 1) A line with a class appears in the "Classes" table
- 2) This class is not subtracted from student's number of paid classes (see "Dashboard" -> "Class state")
- 3) This class is not shown in teacher's salary (see "Dashboard" -> "Teacher Salary")

9. Editing class status deadline for teachers

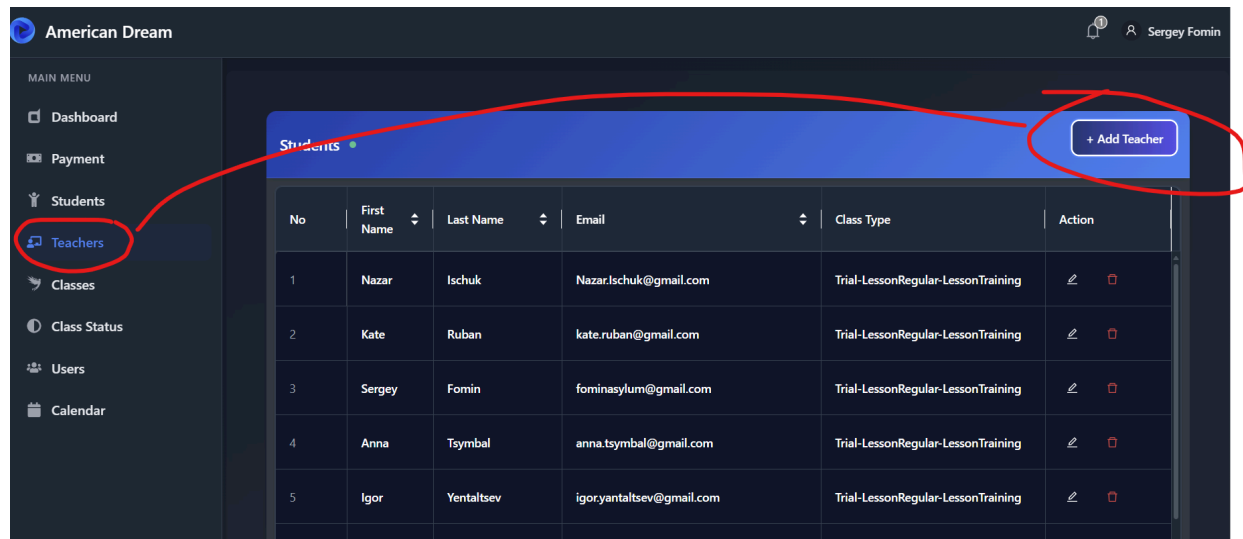
Teachers can edit classes within 24 hours from the moment the class is finished, while managers can edit classes at any time.

If a teacher hasn't set the class status within 24 hours from the time the class has finished and a manager/accountant set the class status to "given" or "no show student", the rate for this class is calculated as a $\frac{1}{2}$ of a regular rate for such class type.

For instance, the teacher successfully gave a class to a student but forgot to set the class status within 24 hours since the class ended. Managers then set the class status as "Given". This teacher's rate for a "Regular class" is \$14. But, because the teacher didn't set the status in time, the payment for this class in the teacher's salary is calculated as \$7 only.

10. No show teacher rates

When we add a teacher currently:



We have to add rates for

The image shows a dark-themed dialog box titled "Class Types and Rates" with a close button (X) in the top right corner. It contains five rows, each with a checkbox, a label, and a "Rate" input field. The rows are: "Trial-Lesson", "Regular-Lesson", "Training", "No Show Student", and "Trial-Lesson No Show". Below these is a "No Show Teacher" row. A red hand-drawn circle highlights the "No Show Student", "Trial-Lesson No Show", and "No Show Teacher" rows. At the bottom left are two buttons: "Add Teacher" (purple) and "Cancel" (grey). A vertical scrollbar is on the right side of the dialog.

| Class Type | Rate |
|---|------|
| <input type="checkbox"/> Trial-Lesson | Rate |
| <input type="checkbox"/> Regular-Lesson | Rate |
| <input type="checkbox"/> Training | Rate |
| <input type="checkbox"/> No Show Student | Rate |
| <input type="checkbox"/> Trial-Lesson No Show | Rate |
| <input type="checkbox"/> No Show Teacher | Rate |

Buttons: Add Teacher, Cancel

Which is not needed. We only need to set rates for:

- Trial-lesson
- Regular lesson
- Training

The rate for any class of any class type with a “No show student” status is the same as for a regular rate for this type of class.

So if the teacher’s rate for a “Trial lesson” is \$8 and for a “Regular lesson” is \$13, then rates for:

“Trial lesson” “Given” = “Trial lesson” “No show student” = \$8

“Regular lesson” “Given” = “Regular lesson” “No show student” = \$13

(that means that, for example, if a teacher was scheduled a Regular lesson and the student didn’t show up, then a teacher gets paid the same amount as for a regular lesson = \$13)

The rate for any class of any class type with a “No show teacher” status is negative of the rate for that type of class:

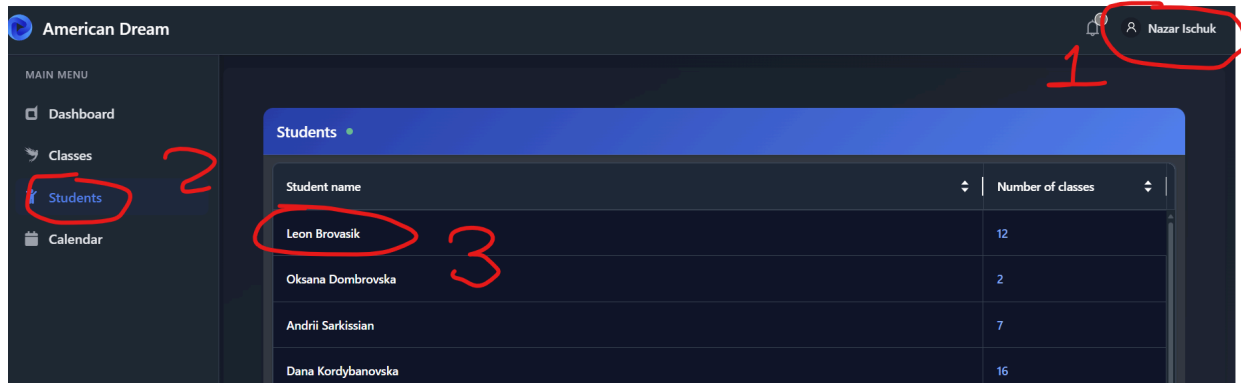
“Trial lesson” “Given” = “Trial lesson” “No show teacher” = -\$8

“Regular lesson” “Given” = “Regular lesson” “No show teacher” = -\$13

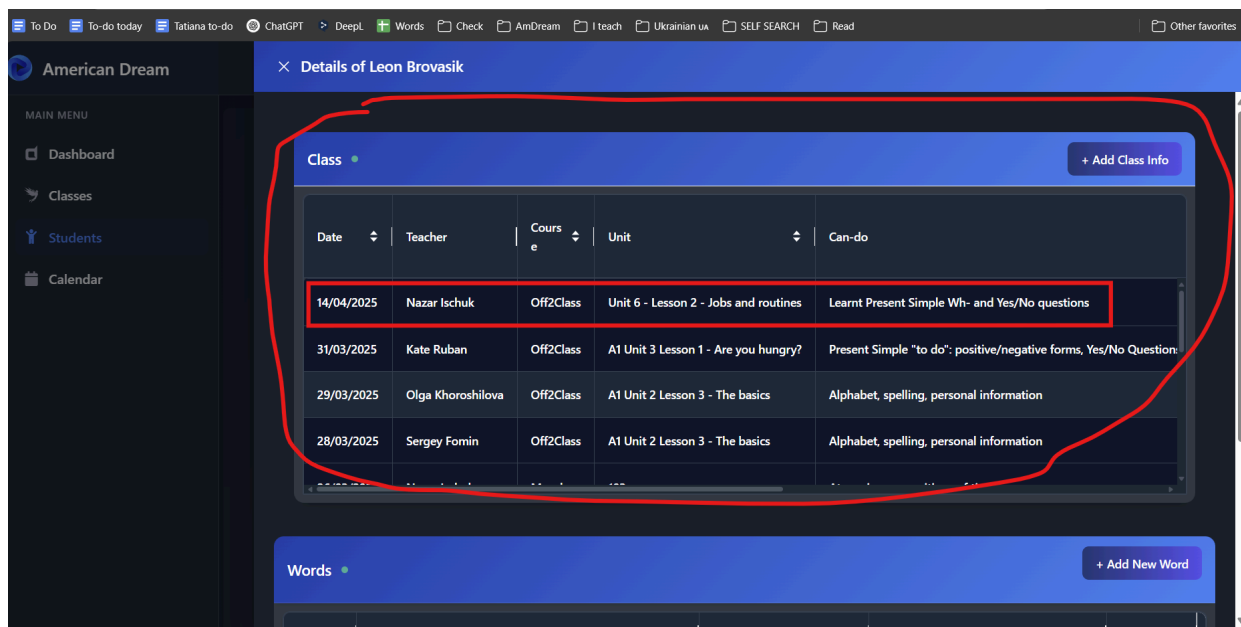
(that means that, if a teacher hadn’t showed up for the lesson, the money they should have earned for this lesson is actually subtracted from their salary. I.e. the teacher is “fined” for being absent.)

11. Adding Class info

If you log into the teacher’s account and go to “Students” menu and click on a student’s name:



You will see the history of student's classes.



After each class the tutor should submit an "Add class info" form:

American Dream

MAIN MENU

Dashboard

Classes

Students

Calendar

Details of Leon Brovasik

Class

+ Add Class Info

| Date | Teacher | Course | Unit | Can-do |
|------------|-------------------|-----------|---------------------------------------|--|
| 14/04/2025 | Nazar Ischuk | Off2Class | Unit 6 - Lesson 2 - Jobs and routines | Learnt Present Simple Wh- and Yes/No questions |
| 31/03/2025 | Kate Ruban | Off2Class | A1 Unit 3 Lesson 1 - Are you hungry? | Present Simple "to do": positive/negative forms, Yes/No Question |
| 29/03/2025 | Olga Khoroshilova | Off2Class | A1 Unit 2 Lesson 3 - The basics | Alphabet, spelling, personal information |
| 28/03/2025 | Sergey Fomin | Off2Class | A1 Unit 2 Lesson 3 - The basics | Alphabet, spelling, personal information |

Words

+ Add New Word

Details of Leon Brovasik

Class

+ Add Class Info

| Date | Teacher | Course | Unit | Can-do |
|------------|-------------------|-----------|---------------------------------------|--|
| 14/04/2025 | Nazar Ischuk | Off2Class | Unit 6 - Lesson 2 - Jobs and routines | Learnt Present Simple Wh- and Yes/No questions |
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Words

+ Add New Word

Add new class info

Date:

mm/dd/yyyy

Course:

Unit:

Can-do:

Notes:

Add

Cancel

Here the teacher indicates which course book they used, what skills they worked on (*now these are text fields, later I'll give you an assignment to upload into the system all the names of the units and can-do's from the course we use, so these text fields will turn into drop-down menus, can-do will be a multiple-choice field, as there may be several can-dos for one lesson*).

So I want to embed the “Add new class info” form fields into the form a teacher completes after giving a lesson. I want the fields of the “Add new class info” form to appear when the teacher selects the class status as “Given”.

So I want to combine these two forms:

The image consists of two screenshots of a software interface, separated by a red plus sign. The left screenshot shows an 'Edit' form with the following fields: Class Type (dropdown), Student (Agliam Sharafeyv), Payment (dropdown), Class Status (Given, circled in red), Calendar (Nazar Ischuk), All day (checkbox), Start (04/22/2025, 10:15 AM), End (04/22/2025, 11:15 AM), and Repeat (None). The right screenshot shows an 'Add new class info' form with the following fields: Date (mm/dd/yyyy), Course (dropdown), Unit (dropdown, with a 'Please fill out this field.' error message), Can-do (dropdown), and Notes (text area). Both forms have 'Add' and 'Cancel' buttons at the bottom.

In other words, having chosen the “Given” class status, the teacher can't save the class in the calendar without first filling out the “class info” fields. To put it differently, if the teacher gave a class, they must fill out info about what they had taught at this class or they can't save the class and get paid for it.

