Management application learners

The application must make it possible to manage learner absences and lateness. It will require a connection to access the different spaces.

It will offer several accesses with different privileges:

- The campus manager who can see everything, but not modify promotions or lateness/absences.
- Educational managers who can see their promotions, add, modify or delete a learner, modify the presence/absences/delays of learners.
- Trainers, who can see and modify the attendance/absences/delays of learners in their classes. They cannot add or edit a learner.
- Delegates who can add or modify learner delays.
- Learners who can see and validate their presence. They cannot change delays if they have any. Once they have been marked absent, they can no longer validate their presence.

Permissions	Trainers	Learners
See the promo	✓	
Edit the promo (add, modify or delete a learner)	✓	
Modify learner presences/absences	✓	
Edit learner delays	✓	
Validate your presence within the allotted time		✓

The application will be connected to a relational database.
It will be built with an MVC architecture, and will have some essential services:

- All requests will be made in AJAX (or fetch), the site will be designed as a SPA (single page application). The interaction between the back and the front will be done in JSON.

- emails will be sent:

Occasion	RECIPIENT	Content
Adding a learner	To the learner.	Welcome email, indicating access to the site. When connecting for the first time, they will be asked to save their password.
When three delays are accumulated	To the learner concerned and the trainer.	Information email specifying that the learner has accumulated three delays, and must bring a cake!

- The app sets a random 5-digit code for each time slot. This code will be renewed automatically each time the time slot changes, when the trainer logs in. Only they can see this code in their space, which they will then give to the learners.

- In the session of logged in users, the date and time of login will be recorded. When connecting to sessions that are more than an hour old, the sessions will be automatically deleted. Users will therefore have to log in again to continue browsing.

- Validation of learners' presence is carried out simply by submitting a code given by the trainer.

- If attendance validation is made 15 minutes after the start of the course, the learner is automatically late.

The models will be provided to you. The use of bootstrap is recommended.

Our order of priorities

Simplon requests that these features be implemented as a priority:

1. Role management. Depending on your role, you arrive on a different dashboard. The routes will all be checked based on roles, to prevent us from being able to interact with actions that we would not have the right to do.
2. The trainer will give the learners the random code that he will find in his space, and will be able to see all the lessons passed, with everyone's attendance.
3. The learner will be able to sign and see all the classes they need to be there for (with a different color if they were present or absent).
4. Implement delays. If the signature is made 15 minutes after the start of the course, the learner is automatically late.
5. After three delays an email is automatically sent to the trainer and the learner

Additional optional features

- Add the role of campus manager, who can see all training courses without interacting with any.
- Add the training manager role, who can add trainers, add training, learners, and do everything the trainer does.
- Add the delegate role, which allows certain learners to manage delays in their class. (add a delay for example).