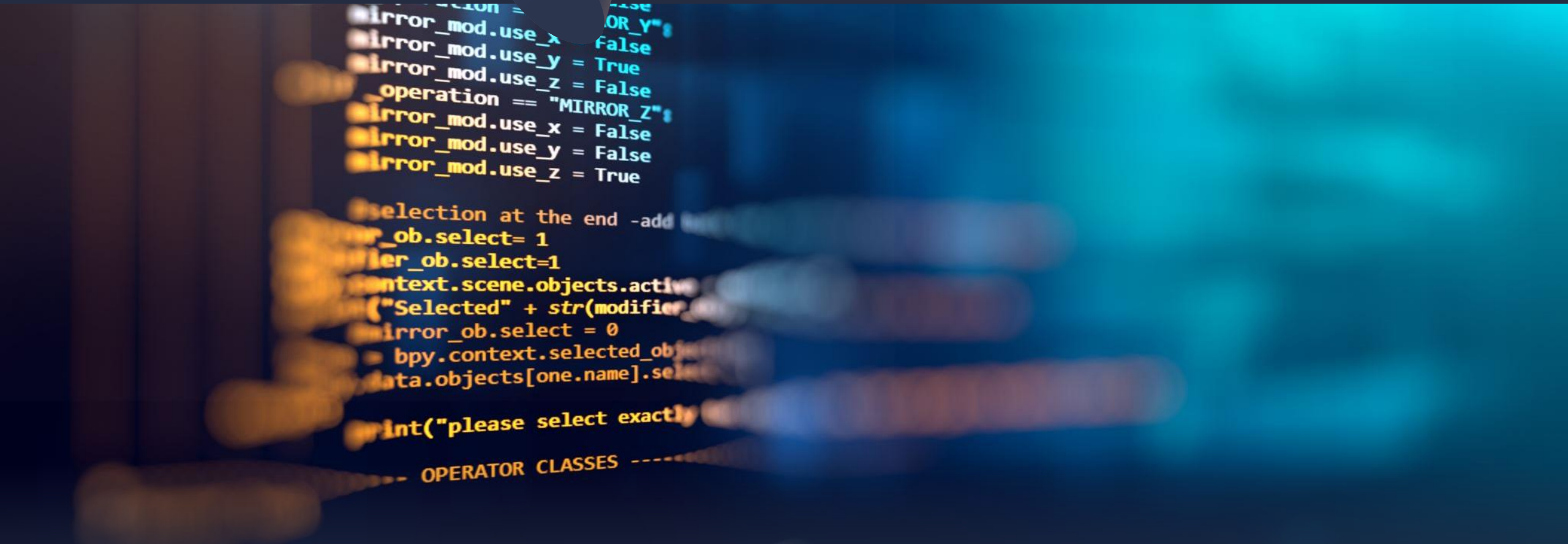
Training Database

- Creators:
- Tugui Ioan
- Nastasa Marius Alexandru
- Nechita-Drob Sebastian



Motivation:

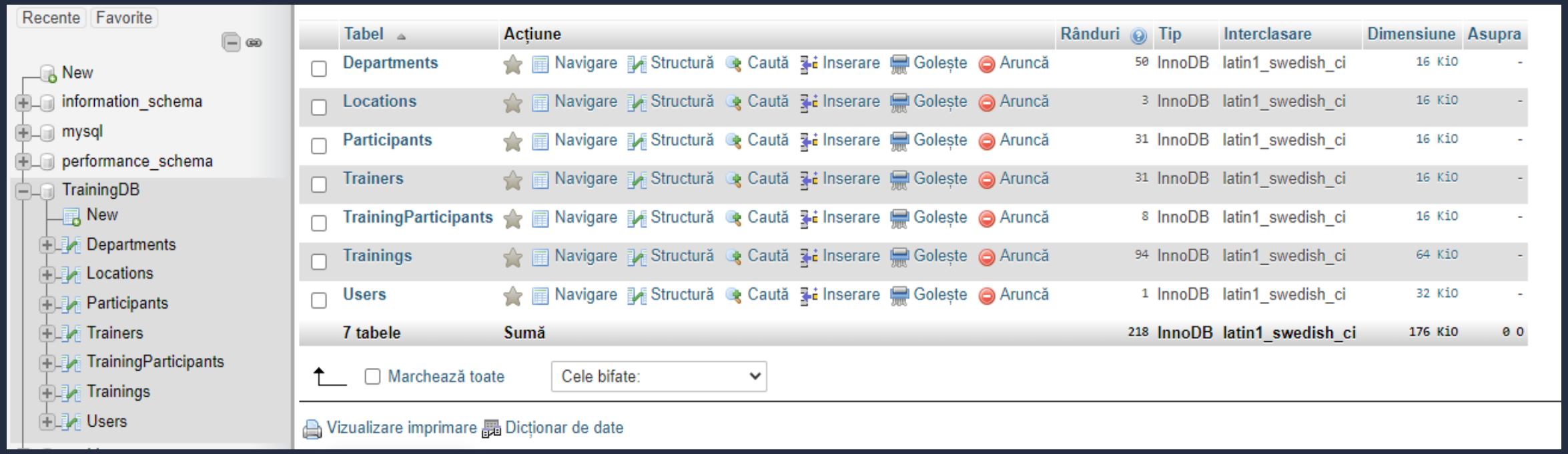
- Our motivation for creating this trainings database is to help Human Resource employees to

have a easier way to keep track of the available learning resources and

too see the status of all the available trainings in the company.

- Instead of having to collect from every individual employee or Team Leader, the status of their learning path through their period of employment , they will simply access our web page and life will be easy.

Our database in phpMyAdmin:



- As you saw earlier, the database is named “TrainingDB”. It is composed from the following tables : Departments, Location, Participants, Trainers, TrainingParticipants, Trainings, Users.
- Departments are formed from : Software, Testing, Research and Development, Human Resources and Hardware. Every department has its own specific trainings.
- Locations only has an Online option and two Off-site options to participate at trainings.
- Obviously Participants table contains the employees who are enrolled .
- Same case with the Trainers table. It contains all the trainers that present a course.
- TrainingParticipants table is a intermediary table to help with the many-to-many relationship.
- Table Trainings contains all the learning coursers presented by the company.
- And Users table contains all the username and password(in hash) pair of the “admins”. Meaning the only the HRs can view it’s content and modify the Trainings table.

The Webpage:

- This is the Trainings page

Training Management

Home | Trainings | Analytics | Logout

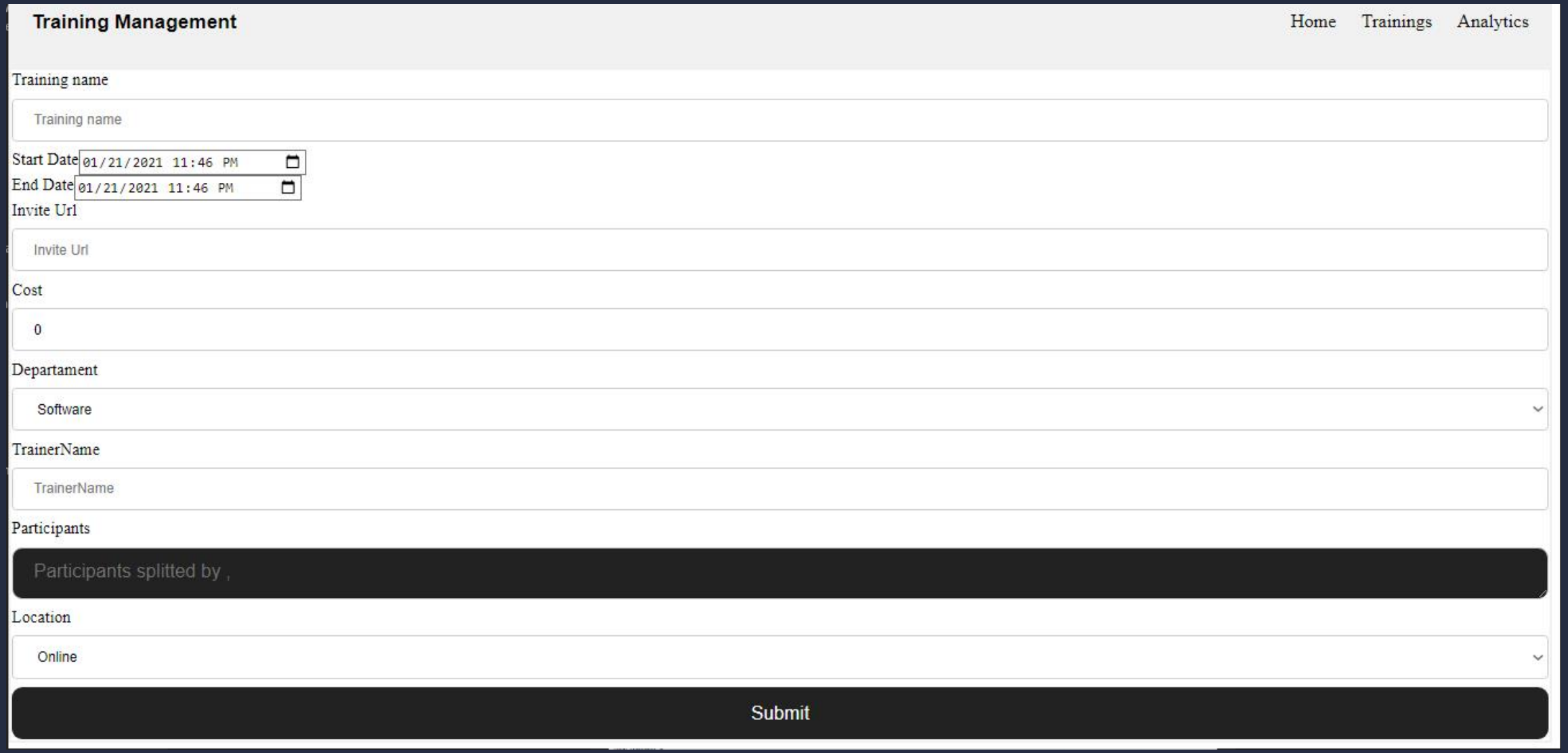
Create new Training

Total Trainings: 94

Id	Training Name	Start Date	End Date	Invite Url	Cost	Departament	Trainer	Location	Actions
102	Python	2021-01-21 21:19:00	2021-01-27 21:19:00	https://github.com/	100	Software	Nechita	Online	Delete Edit
101	Java Beginner	2021-01-24 09:30:00	2021-02-12 17:50:00	https://www.udemy.com/course/java-tutorial/	550	Software	Ioan	Online	Delete Edit
100	Ruby as ML language	2020-08-27 06:50:26	2020-11-09 06:50:26	https://teams.microsoft.com/l/channel/19%23SVmaca5JavaeucRubyML	890	R&D	Tugui	Online	Delete Edit
99	C++ Advanced Algorithms	2020-09-27 06:50:26	2020-11-13 06:50:26	https://teams.microsoft.com/l/channel/19%23SVmaca5Javaeucpluspl	1320	R&D	Alexandru	Online	Delete Edit

- As you can see, our idea was to create a easy to read Webpage. Not agglomerating the pages with unnecessary buttons and strident colors , it will not stress your eyes even after 1 hour of continuous watching the screen monitor.
- There are simple buttons. For creating new trainings or to delete/edit a training which is already created.
- We also added a Login/Logout button and only the users that are added in the database cand access it. You cannot access the other pages until you've logged in in your account. If you try to access other pages, it will not matter because you'll be pushed to the login page.
- As a short mention is that the passwords are hashed for improved security.

The “Create new Training” button:



The Analytics page:

Training Management

Home Trainings Analytics Logout

All trainings and participants

Filter

Download

Total Trainings: 4

Training Name	Trainer	Trainee	Trainee Status	Discipline	Start	End	Location
Python	Nechita	Maria	Not Invited	Software	2021-01-21 21:19:00	2021-01-27 21:19:00	Online
C Algorithms	Tugui	Nasti	Not Invited	R&D	2020-11-30 06:46:43	2020-12-02 06:46:43	Online
C Algorithms	Tugui	Nechi	Not Invited	R&D	2020-11-30 06:46:43	2020-12-02 06:46:43	Online
Git Intermediate	Nastasa	Ioan	Invited	R&D	2020-10-27 06:46:43	2020-11-17 06:46:43	On-site
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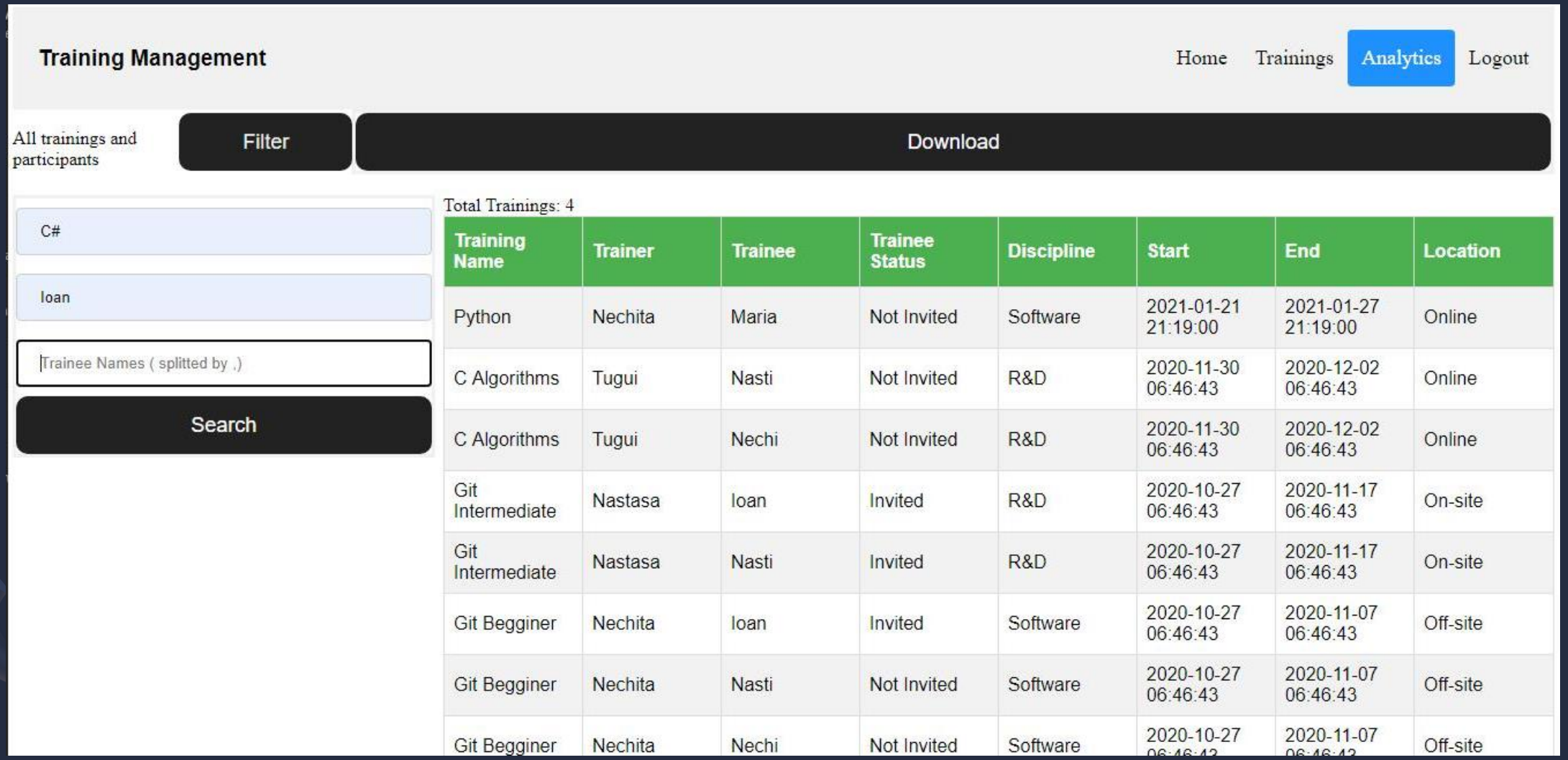
Git Begginer	Nechita	Ioan	Invited	Software	2020-10-27 06:46:43	2020-11-07 06:46:43	Off-site
Git Begginer	Nechita	Nasti	Not Invited	Software	2020-10-27 06:46:43	2020-11-07 06:46:43	Off-site
Git Begginer	Nechita	Nechi	Not Invited	Software	2020-10-27 06:46:43	2020-11-07 06:46:43	Off-site

- The Analytics page has 2 functions. One for filtering through the trainings and the other one to download the report of the filter search. As you can see the filtering can be on multiple criteria. By training names, by trainers name and by trainee names. Multiple names cand be added for a more exact search.



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- Here the Download function it is not yet fully developed and tested. It is still in work but we want to finish it as soon as possible. The idea is to have it exported as a csv file an after that you'll be able to show the report to other people.

Training Management

data_export_2021-01-21.csv
Download complete

All trainings and participants

Filter

Download

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Thank you for the attention !!

- You can find our work on GitHub on the link to our repository:

https://github.com/mariusalexandrunastasa/trainingsDB