

# Training Database

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```
...tion = ...se
mirror_mod.use_x = False
mirror_mod.use_y = True
mirror_mod.use_z = False
operation == "MIRROR_Z":
mirror_mod.use_x = False
mirror_mod.use_y = False
mirror_mod.use_z = True

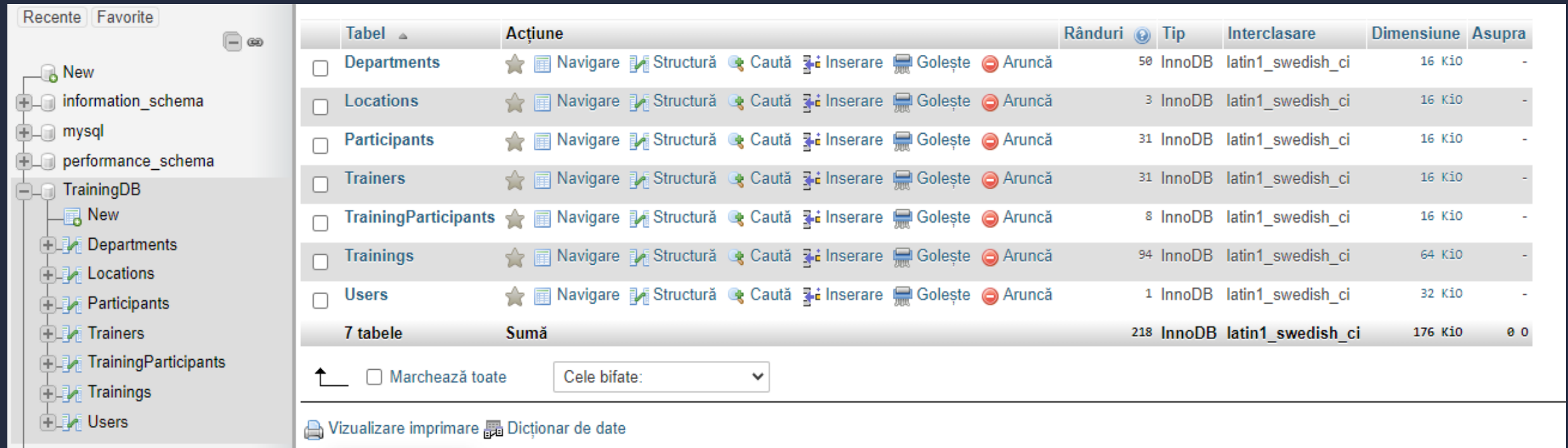
#selection at the end -add
mirror_ob.select= 1
mirror_ob.select=1
context.scene.objects.active
("Selected" + str(modifier_...
mirror_ob.select = 0
= bpy.context.selected_object
data.objects[one.name].select
print("please select exactly
-- OPERATOR CLASSES --
```

# 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:



The screenshot displays the phpMyAdmin interface for a database named 'TrainingDB'. The left sidebar shows the database hierarchy, including 'information\_schema', 'mysql', 'performance\_schema', and 'TrainingDB'. The 'TrainingDB' database is expanded, showing tables: 'Departments', 'Locations', 'Participants', 'Trainers', 'TrainingParticipants', 'Trainings', and 'Users'. The main panel shows a table list for 'TrainingDB' with columns: 'Tabel', 'Acțiune', 'Rânduri', 'Tip', 'Interclasare', 'Dimensiune', and 'Asupra'. The table list includes 7 tables: 'Departments', 'Locations', 'Participants', 'Trainers', 'TrainingParticipants', 'Trainings', and 'Users'. Each table has a set of actions (star, grid, structure, search, insert, delete, drop) and a 'Rânduri' (Rows) column. The 'Trainings' table has the highest number of rows (94). The 'Sumă' (Total) row shows 218 rows across all tables.

Tabel	Acțiune	Rânduri	Tip	Interclasare	Dimensiune	Asupra
<input type="checkbox"/> Departments	★ Navigare Structură Caută Inserare Golește Aruncă	50	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> Locations	★ Navigare Structură Caută Inserare Golește Aruncă	3	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> Participants	★ Navigare Structură Caută Inserare Golește Aruncă	31	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> Trainers	★ Navigare Structură Caută Inserare Golește Aruncă	31	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> TrainingParticipants	★ Navigare Structură Caută Inserare Golește Aruncă	8	InnoDB	latin1_swedish_ci	16 KiB	-
<input type="checkbox"/> Trainings	★ Navigare Structură Caută Inserare Golește Aruncă	94	InnoDB	latin1_swedish_ci	64 KiB	-
<input type="checkbox"/> Users	★ Navigare Structură Caută Inserare Golește Aruncă	1	InnoDB	latin1_swedish_ci	32 KiB	-
7 tabele	Sumă	218	InnoDB	latin1_swedish_ci	176 KiB	0 0

↑ ☐ Marchează toate

[Vizualizare imprimare](#) [Dicționar de date](#)

- 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	<a href="#">Delete</a> <a href="#">Edit</a>
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	<a href="#">Delete</a> <a href="#">Edit</a>
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	<a href="#">Delete</a> <a href="#">Edit</a>
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	<a href="#">Delete</a> <a href="#">Edit</a>

- 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:

**Training Management**HomeTrainingsAnalytics

Training name

Training name

Start Date

01/21/2021 11:46 PM

End Date

01/21/2021 11:46 PM

Invite Url

Invite Url

Cost

0

Departament

Software

TrainerName

TrainerName

Participants

Participants splitted by ,

Location

Online

Submit







- 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 can be added for a more exact search.

**Training Management**

[Home](#)
[Trainings](#)
[Analytics](#)
[Logout](#)

All trainings and participants

Filter

Download

C#

loan

Trainee Names ( splitted by , )

Search

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	loan	Invited	R&D	2020-10-27 06:46:43	2020-11-17 06:46:43	On-site
Git Intermediate	Nastasa	Nasti	Invited	R&D	2020-10-27 06:46:43	2020-11-17 06:46:43	On-site
Git Begginer	Nechita	loan	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

- 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 and after that you'll be able to show the report to other people.

## Training Management


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
Git Intermediate	Nastasa	Nasti	Invited	R&D	2020-10-27 06:46:43	2020-11-17 06:46:43	On-site
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

 data\_export\_2021-01-21.csv

Download complete



# Thank you for the attention !!

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

<https://github.com/mariusalexandrunastasa/trainingsDB>

