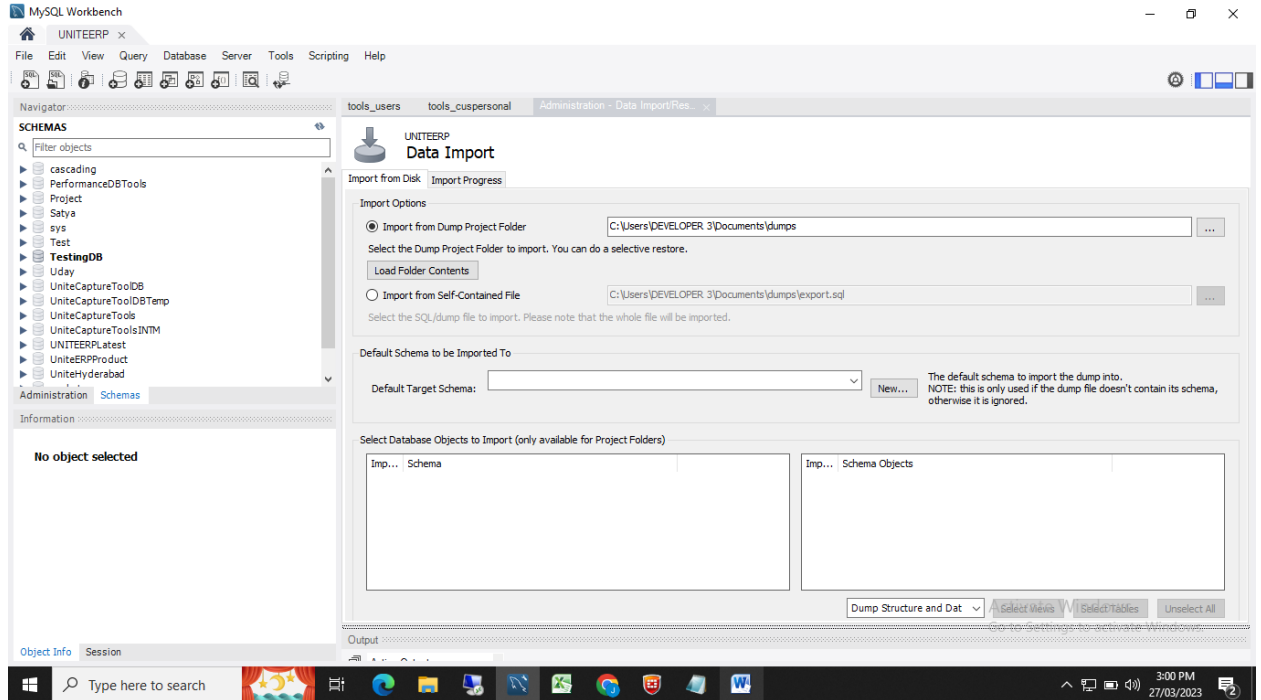
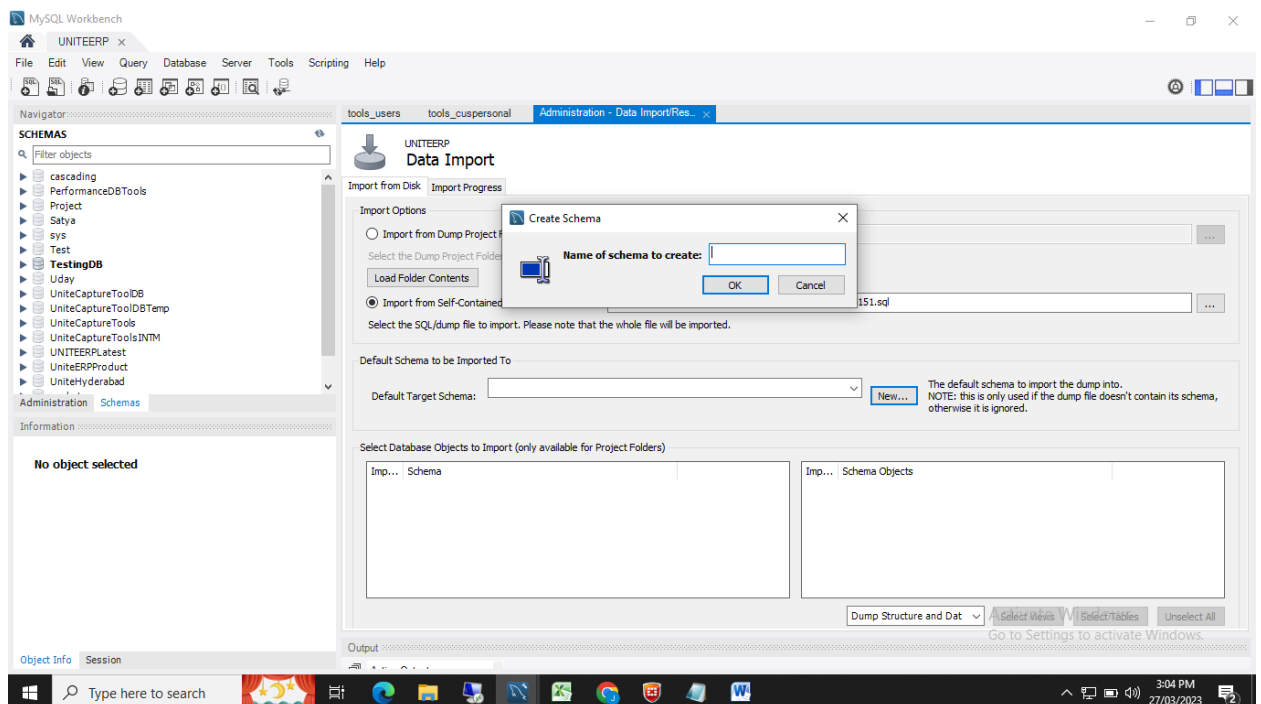


## DB Restore in MYSQL:

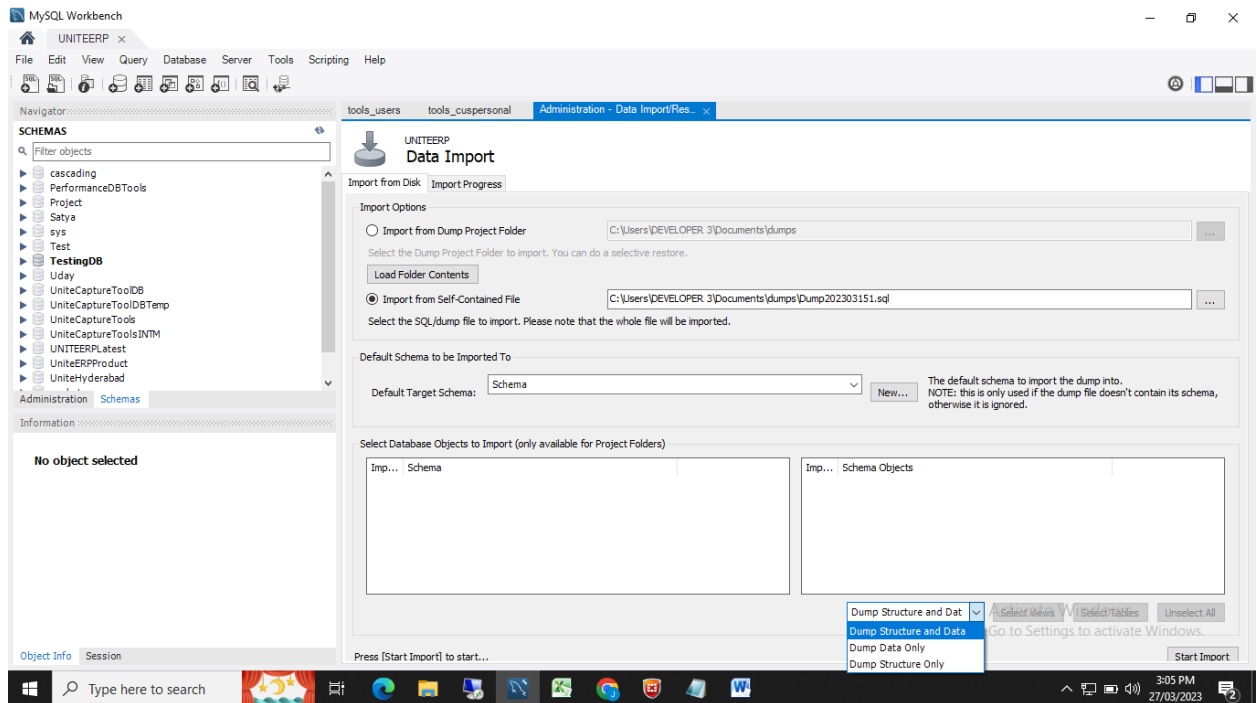
- ➔ Go to Server -> Select Data import... below page will display
- ➔ Select Radio button (Import from Self-contained file)
- ➔ Select the DB path



- ➔ Click on New button
- ➔ Enter DB Name for restore



- ➔ Select Dump structure and data
- ➔ Click on Start Import



## Hosting Steps :

: Need to host two application API & UI

- ➔ Check the Apache and Dot net are installed in servers (APP server & web server)  
Cmd: `apache2 -v` & `dotnet --version` or `dotnet --info`
- ➔ Copy bin Folders to Linux Servers  
(We have 2 folders for application → 1 – Api Folder (App server) 2- UI Folder (Web server))
- ➔ Assign Read, Write Permission to Folders  
EX: Cmd: `sudo chmod a+rwX /home/Capturetools/captureToolsWebAPI/`
- ➔ Create a new service text file with file name .service at following path (Ex: api.service)  
`/etc/systemd/system/`
- ➔ Paste the below data in the api.service file and save it

---

**[Unit]**

Description=Example .NET WebApplication on UBUNTU

**[Service]**

WorkingDirectory=/home/Capturetools/captureToolsWebAPI/

ExecStart=/usr/share/dotnet/dotnet

/home/Capturetools/captureToolsWebAPI/Intellect.Unite.CaptureTools.API.Controllers.dll

Restart=always

# Restart service after 10 seconds if the dotnet service crashes:

RestartSec=10

KillSignal=SIGINT

SyslogIdentifier=dotnet-example

User=root

Environment=ASPNETCORE\_ENVIRONMENT=Production

**[Install]**

WantedBy=multi-user.target

---

--Working Directory is bin folder path (in above service file)

--Execstart -> /usr/share/dotnet/dotnet—dot net sdk installed path –Use following command for .net sdk installed path cmd: **dotnet --info**

/home/Capturetools/captureToolsWebAPI/Intellect.Unite.CaptureTools.API.Controllers.dll –

add the exe dll to the bin folder path...here following dll is the exe dll

(Intellect.Unite.CaptureTools.API.Controllers.dll)

➔ Start the Service

Cmd: **sudo systemctl start api.service**

➔ Check the status of the service

Cmd: **sudo systemctl status api.service** (Status must be in active running state)

➔ Restart the service

Cmd: **sudo systemctl restart api.service**

If service is active state the application is running in Linux server .now need to configure ports in apache server

➔ Enable apache modules -: this is for New servers-Run this command one time only

Cmd: **sudo a2enmod proxy proxy\_http proxy\_html proxy\_wstunnel**

Cmd: **sudo a2enmod rewrite**

➔ default port Apache listens is 80, to listen other ports we need to configure

➔ in bin folder appsettings .json file is there, this is Config file in .net core

➔ change the port number in Config file (enter any port number)EX- 3001

➔ create a new conf text file with file name .conf at following path (Ex: api.conf)

**/etc/apache2/conf-enabled/**

➔ Paste the below data in the api.conf file and save it

---

```
<VirtualHost *:4001>
    ProxyPreserveHost On
    ProxyPass / http://0.0.0.0:3001/
    ProxyPassReverse / http://0.0.0.0:3001/
</VirtualHost>
```

---

- ProxyPass & ProxyPassReverse - whatever you entered port number in config file need to enter here (3001)

- virtualHost – which port number you want to give outside need to enter here (4001)

➔ Listen to this 4001 port number in the following path

**/etc/apache2/ --ports.conf file**

---

**# If you just change the port or add more ports here, you will likely also**

**# have to change the VirtualHost statement in**

**# /etc/apache2/sites-enabled/000-default.conf**

**Listen 80**

**Listen 4001**

---

➔ after complete this configuration need to run the following commands

■ **To Reload the configurations**

CMD: **sudo systemctl daemon-reload**

■ **we need to add the ports in Linux firewall**

CMD: **sudo ufw allow 4001/tcp**

■ **need to restart apache and check status of apache**

CMD: **sudo systemctl restart apache2**

CMD: **sudo systemctl status apache2**

- need to restart application service and status of application service

CMD: `sudo systemctl restart api.service`

CMD: `sudo systemctl status api.service`

- ➔ API application hosting completed with port no 4001 (API URL -ex: 10.0.0.72:4001)
- ➔ Enter this url in UI config file (appsettings.json)
- ➔ Need to host UI application as above Process
- ➔ If any changes in config file need to run following Command

CMD: `sudo systemctl daemon-reload`

- ➔ If any changes in apache2 server need to restart apache2 server

CMD: `sudo systemctl restart apache2`

CMD: `sudo systemctl status apache2`

- ➔ if any error are there need to find log for services run following command

CMD: `sudo journalctl -xeu api.service` (here api.service is application service name)

---