**Linux Server project**

Implementing Linux-Based Infrastructure with Virtual Machines

**DHCP server :**

First install the service

$ sudo apt install isc-dhcp-server

Backup :

crontab -e

0 1 \* \* 1 /path/to/backup.sh

Mount :

mkdir /mnt/sdb

mount -t ext4 /dev/sdb /mnt/sdb

cd /mnt/sdb

ls

umount /mnt/sdb

Bind :

sudo service bind9 restart

sudo rndc reconfig

sudo rndc managed-keys refresh

GLPI :

wget [https://raw.githubusercontent.com/jr0w3/GLPI\_install\_script/main/glpi-install.sh && bash glpi-install.sh](https://raw.githubusercontent.com/jr0w3/GLPI_install_script/main/glpi-install.sh%20&&%20bash%20glpi-install.sh)

**CREATE TABLE Users (**

**UserID INT PRIMARY KEY,**

**Name VARCHAR(255) NOT NULL,**

**ContactInfo VARCHAR(255),**

**MembershipStatus BOOLEAN**

**);**

**CREATE TABLE Books (**

**BookID INT PRIMARY KEY,**

**Title VARCHAR(255) NOT NULL,**

**Author VARCHAR(255) NOT NULL,**

**PublicationYear INT,**

**Publisher VARCHAR(255),**

**ISBN VARCHAR(20),**

**AvailabilityStatus BOOLEAN**

**);**

**CREATE TABLE Loans (**

**LoanID INT PRIMARY KEY,**

**BookID INT,**

**UserID INT,**

**LoanDate DATE,**

**DueDate DATE,**

**ReturnDate DATE,**

**Fines DECIMAL(10, 2),**

**FOREIGN KEY (BookID) REFERENCES Books(BookID),**

**FOREIGN KEY (UserID) REFERENCES Users(UserID)**

**);**