

# Minor 2 Project Report

**Title:** Metasploitable Setup and Mutillidae II Configuration

**Name:** Vikrant

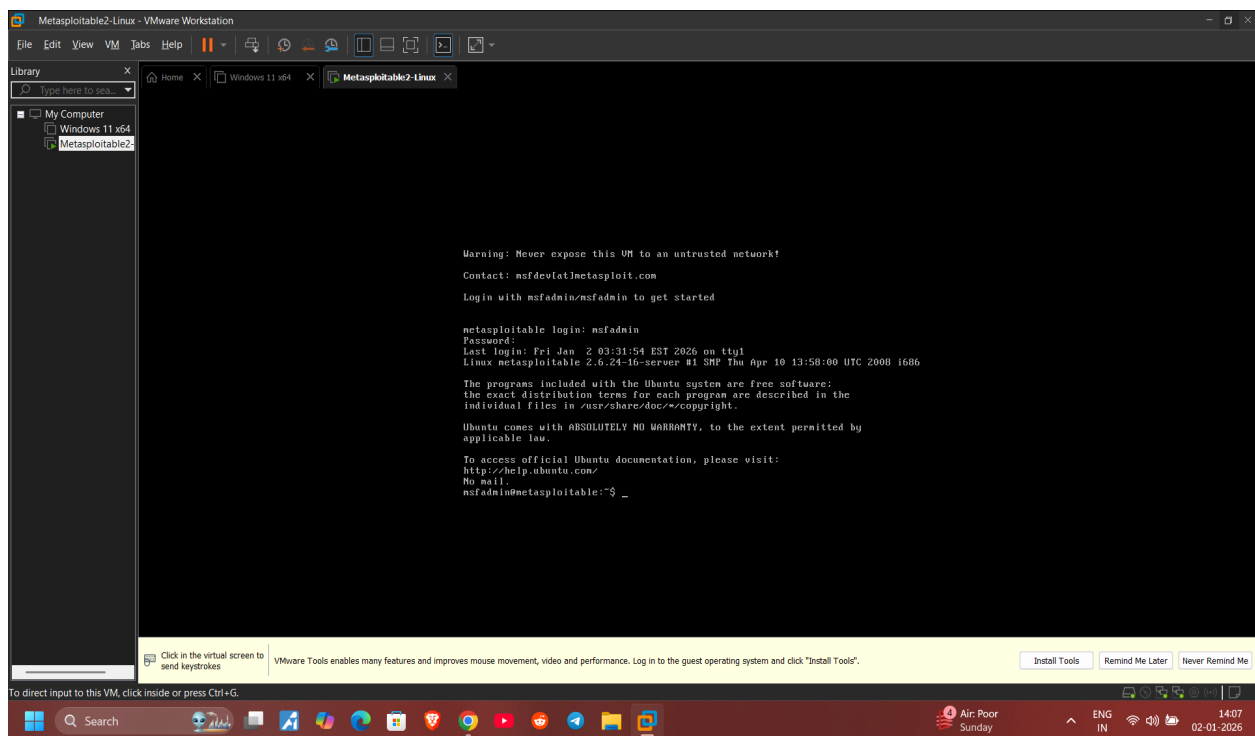
**Course:** B.Tech

## 1. Introduction

Metasploitable is an intentionally vulnerable Linux virtual machine used for security testing and learning. In this project, Metasploitable was configured using VMware Workstation Player. A new user was created, a snapshot was taken, and the Mutillidae II web application database error was fixed.

## 2. Metasploitable Running

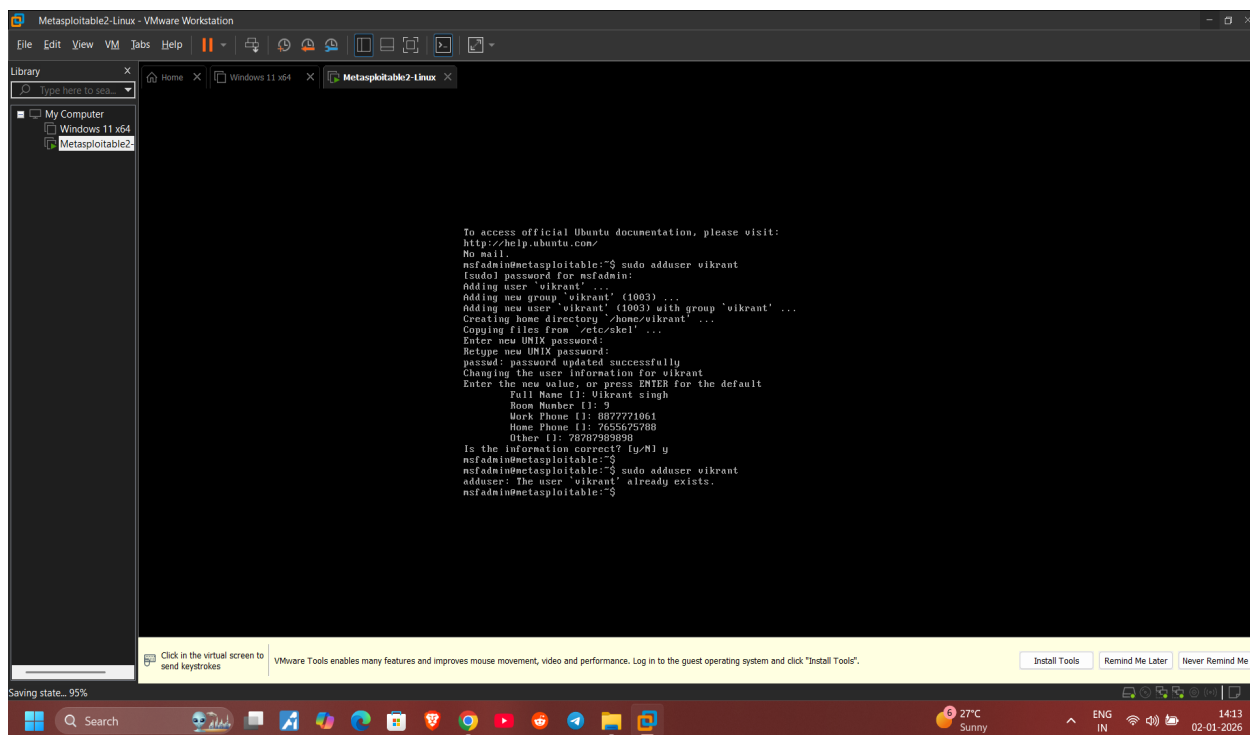
The Metasploitable virtual machine was successfully powered on and logged in using default credentials.



### 3. User Creation

A new user named 'vikrant' was created inside Metasploitable using the following command:

```
sudo adduser vikrant
```



```
Metasploitable2-Linux - VMware Workstation
File Edit View VM Tabs Help
Library
My Computer
Windows 11 x64
Metasploitable2-Linux

To access official Ubuntu documentation, please visit:
http://help.ubuntu.com/
No mail.
nsfadmin@metasploitable2:~$ sudo adduser vikrant
(sudo) password for nsfadmin:
Adding user `vikrant' ...
Adding new group `vikrant' (1003) ...
Adding new user `vikrant' (1003) with group `vikrant' ...
Creating home directory `/home/vikrant' ...
Copying files from `/etc/skel' ...
Enter new UNIX password:
Retype new UNIX password:
passwd: password updated successfully
Changing the user information for vikrant
Enter the new value, or press ENTER for the default
Full Name ([]) : Vikrant Singh
Room Number ([]) : 9
Work Phone ([]) : 8877771061
Home Phone ([]) : 7655675788
Other ([]) : 78787989898
Is the information correct? [y/N] y
nsfadmin@metasploitable2:~$ sudo adduser vikrant
adduser: The user `vikrant' already exists.
nsfadmin@metasploitable2:~$
```

Click in the virtual screen to send keystrokes

VMware Tools enables many features and improves mouse movement, video and performance. Log in to the guest operating system and click "Install Tools".

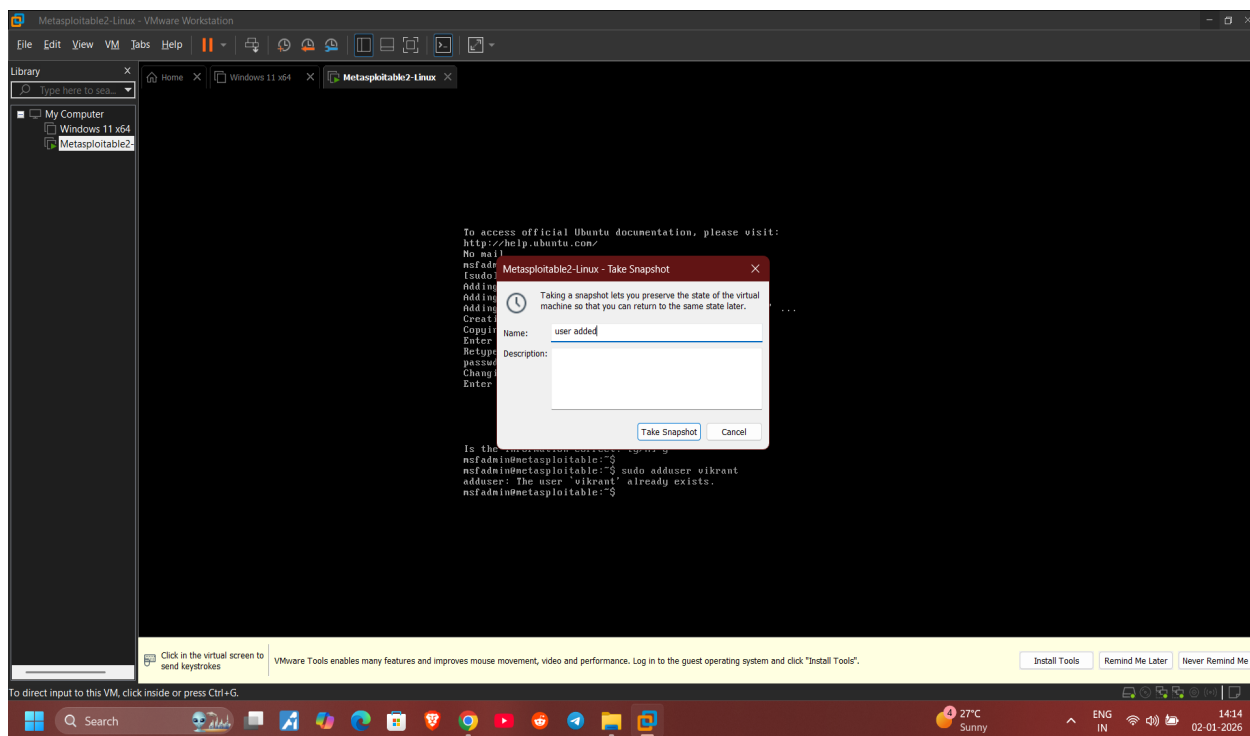
Install Tools Remind Me Later Never Remind Me

Saving state... 95%

Search 27°C Sunny ENG IN 14:13 02-01-2026

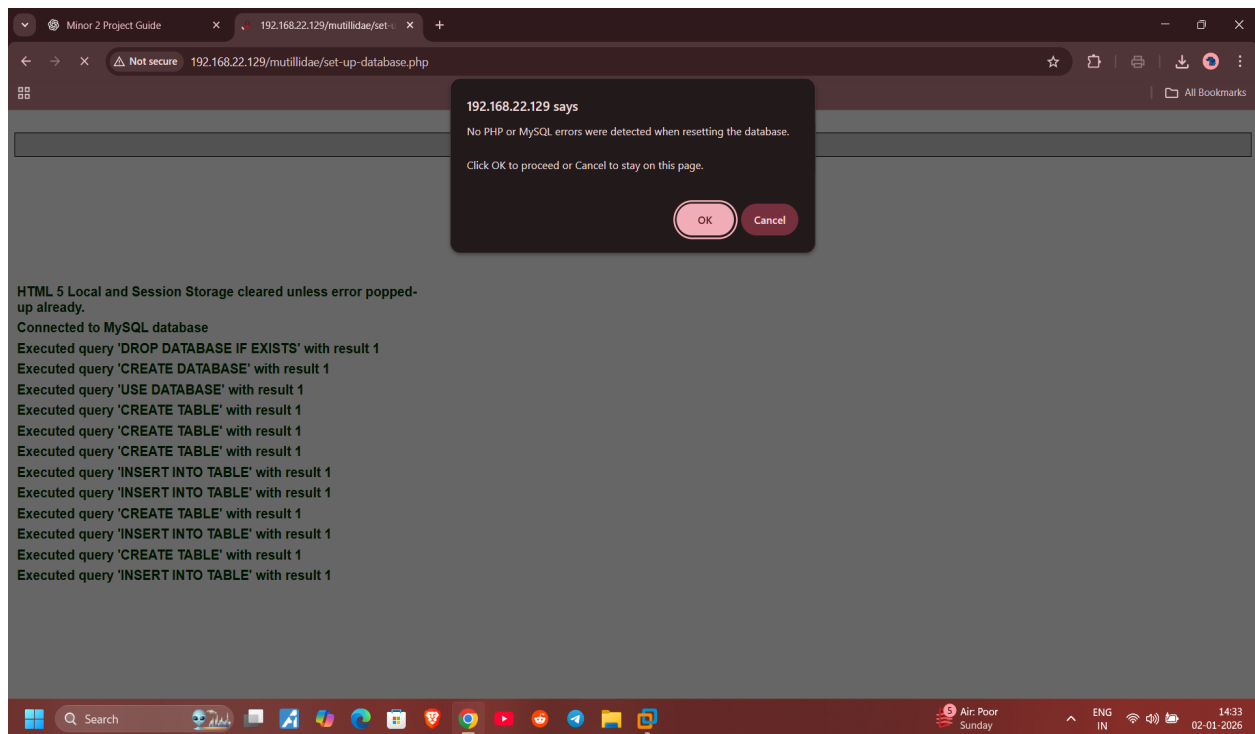
## 4. Snapshot Taken

After creating the user, a snapshot was taken to preserve the system state.



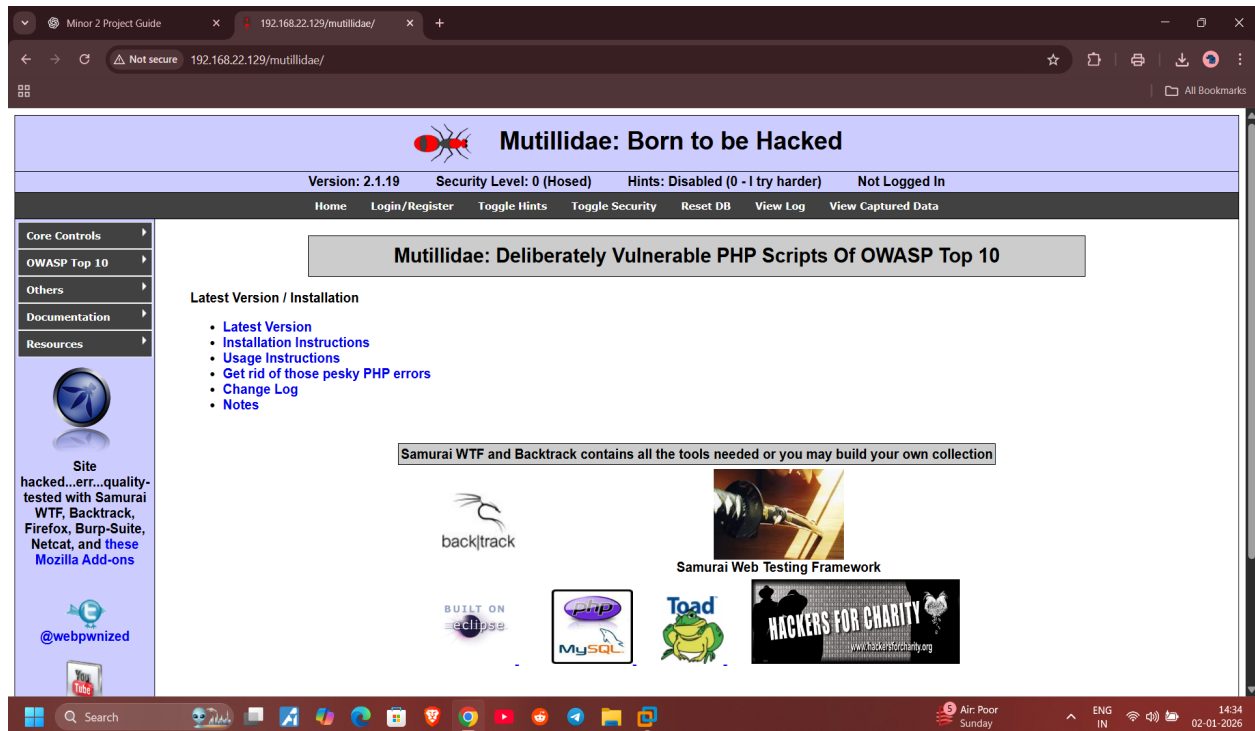
## 5. Mutillidae II Database Error

When Mutillidae II was accessed initially, a database error was displayed.



## 6. Mutillidae II Fixed

The database error was fixed by resetting the database using the setup page. After resetting, Mutillidae II worked successfully without errors.



## 7. Conclusion

The Metasploitable virtual machine was successfully configured. User creation, snapshot capture, and Mutillidae II database configuration were completed successfully.