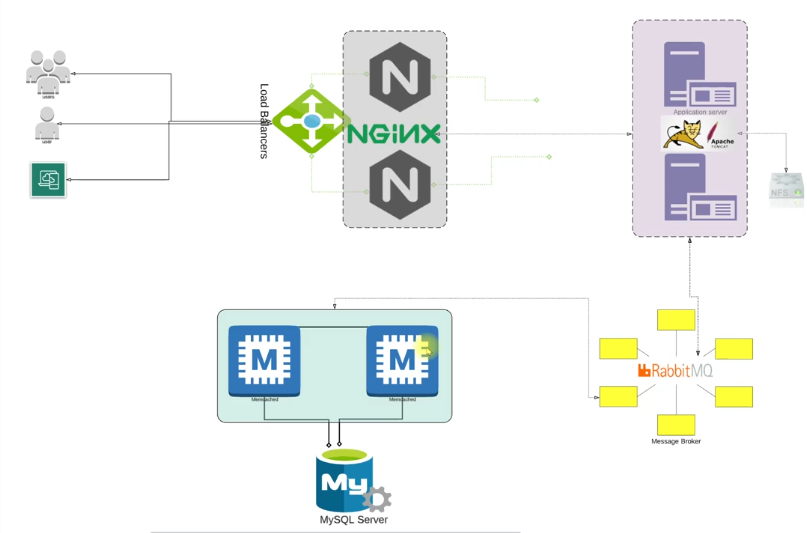
**1. Multi Tier Web Application Setup - Locally**

The agenda of this Project is to host a multitier web application stack on my local machine.

* Project Architecture (Services) :

1. NGINX – it will act as a Load balancer
2. Tomcat – It will be used to host Application
3. Rabbitmq – It will act as a message que
4. Memcached – It will be used to store cache
5. MYSQL – It will act as a Database



* Project Architecture (Automation Setup):

1. Oracle VM [VirtualBox]– It will be our Hypervisor
2. Vagrant - It will be used for Automating
3. VS code – Command Line Interface (CLI) & Integrated Development Environment (IDE)

* Project Execution:

1. VM Setup

1. VM Setup

|  |
| --- |
| a. Create a vagrant folder & Execute **vagrant init** to initialize the folder |
| b. Write a Vagrant file inside the folder & Execute the **vagrant up** command |
| c. use **vagrant ssh** command and ping all the servers to check the network between the servers |

2.