**INSTRUCTIONS TO RUN THE PORTAL**

This portal is prepared on the ubuntu 14.04 linux platform

1. Install all the required packages and configure them properly

a - lamp server

b - KVM, qemu, libvirt

c - libvirt-php api------ install using the steps mentioned in the link below

http://libvirt.org/php/compiling.html (if not working properly try http://stackoverflow.com/questions/20889075/error-compiling-libvirt-php-on-ubuntu-server-12-04)

for configuration see the steps on this ink(https://libvirt.org/php/deployment.html)

d - give apache2 root permissions to perform libvirt operations

e - for accesing the VM console in browser install noVNC client on your machine prerequisites for this is a working VNC server on the same machine

INSTRUCTIONS FOR INSTALLING noVNC CLIENT

(i) change directory to /home/your\_username

(ii) install noVNC client in this directory( follow the steps on http://xmodulo.com/access-vnc-remote-desktop-web-browser.html)

1. Clone this repository to your machine.
2. Copy the folder proj1 in var/www/ directory
3. Create a table named signup with column names (userID(on autoincrement),fullname ,userName,email,pass) in your database
4. Open file db.php and change the name of the constants DB\_HOST,DB\_NAME,DB\_USER,DB\_PASSWORD to respective name of your localhost and username of your machine, database name and password and save the file
5. Open file main.php and change the credentials VIR\_CRED\_AUTHNAME=>"divyashish",VIR\_CRED\_PASSPHRASE=>"qwerty123" to VIR\_CRED\_AUTHNAME=>"your\_user\_name",VIR\_CRED\_PASSPHRASE=>"your\_password" and save the file.
6. For accessing VM console in browser open file createvm.php and change

exec("sudo /home/divyashish/noVNC/utils/launch.sh --vnc 127.0.0.1:$vnc") to

exec("sudo /home/your\_username/noVNC/utils/launch.sh --vnc 127.0.0.1:$vnc");

and

('Location:http://localhost:6080/vnc.html?host=localhost&port=6080') to

('Location:http://your\_localhost\_name:6080/vnc.html?host=your\_localhost\_name&port=6080') save file.

1. Open browser and type in http://localhost/proj1/login.php
2. Login through existing username and password or sign up.
3. After logging in redirected to the home page of My cloud Manager.