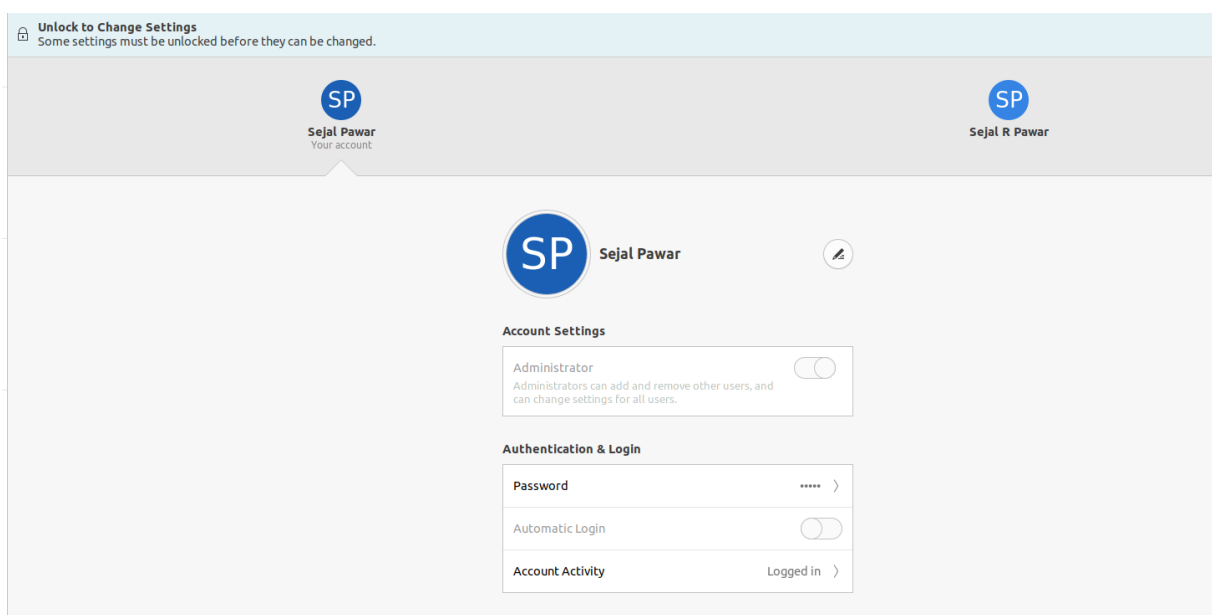


## Experiment No. 5

**Aim:** Setting up and supporting users: Creating user accounts, setting user defaults, modifying accounts, deleting accounts, Checking disk quotas, Sending mail to user.

### 1. Creating a New User:

```
sejalspawar@ubuntu:~$ sudo adduser sejals
Adding user `sejals' ...
Adding new group `sejals' (1001) ...
Adding new user `sejals' (1001) with group `sejals' ...
Creating home directory `/home/sejals' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for sejals
Enter the new value, or press ENTER for the default
    Full Name []: Sejal R Pawar
    Room Number []:
    Work Phone []:
    Home Phone []:
    Other []:
Is the information correct? [Y/n] Y
sejalspawar@ubuntu:~$
```



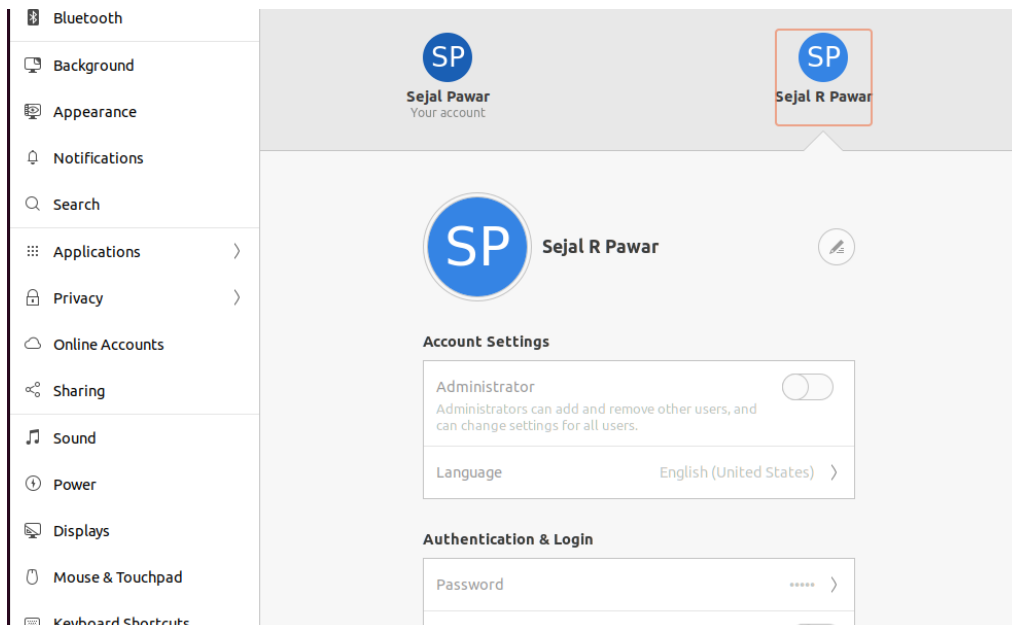
## 2. Usermod and chsh utility:

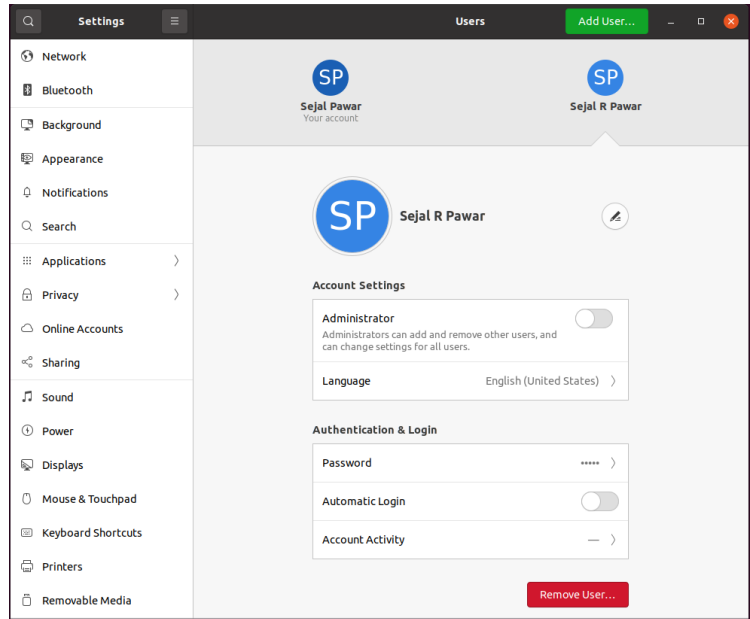
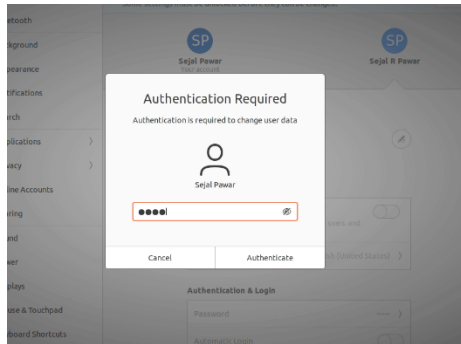
```
sejalspawar@ubuntu: ~  
sejalspawar@ubuntu:~$ grep sejals /etc/passwd /etc/group  
/etc/passwd:sejalspawar:x:1000:1000:Sejal Pawar,,,:/home/sejalspawar:/bin/bash  
/etc/passwd:sejals:x:1001:1001:Sejal R Pawar,,,:/home/sejals:/bin/bash  
/etc/group:adm:x:4:syslog,sejalspawar  
/etc/group:cdrom:x:24:sejalspawar  
/etc/group:sudo:x:27:sejalspawar  
/etc/group:dip:x:30:sejalspawar  
/etc/group:plugdev:x:46:sejalspawar  
/etc/group:lpadmin:x:120:sejalspawar  
/etc/group:lxde:x:132:sejalspawar  
/etc/group:sejalspawar:x:1000:  
/etc/group:sambashare:x:133:sejalspawar  
/etc/group:sejals:x:1001:  
sejalspawar@ubuntu:~$ sudo usermod --shell /bin/sh sejals  
sejalspawar@ubuntu:~$  
  
sejalspawar@ubuntu: ~  
sejalspawar@ubuntu:~$ grep sejals /etc/passwd /etc/group  
/etc/passwd:sejalspawar:x:1000:1000:Sejal Pawar,,,:/home/sejalspawar:/bin/bash  
/etc/passwd:sejals:x:1001:1001:Sejal R Pawar,,,:/home/sejals:/bin/bash  
/etc/group:adm:x:4:syslog,sejalspawar  
/etc/group:cdrom:x:24:sejalspawar  
/etc/group:sudo:x:27:sejalspawar  
/etc/group:dip:x:30:sejalspawar  
/etc/group:plugdev:x:46:sejalspawar  
/etc/group:lpadmin:x:120:sejalspawar  
/etc/group:lxde:x:132:sejalspawar  
/etc/group:sejalspawar:x:1000:  
/etc/group:sambashare:x:133:sejalspawar  
/etc/group:sejals:x:1001:  
sejalspawar@ubuntu:~$ sudo chsh --shell /bin/bash sejals  
sejalspawar@ubuntu:~$
```

### 3. vi/etc/passwd:

```
sejalpawar@ubuntu: ~/Desktop
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailng List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/var/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin):/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
systemd-network:x:100:102:systemd Network Management,,,:/run/systemd:/usr/sbin/nologin
systemd-resolve:x:101:103:systemd Resolver,,,:/run/systemd:/usr/sbin/nologin
systemd-timesync:x:102:104:systemd Time Synchronization,,,:/run/systemd:/usr/sbin/nologin
messagebus:x:103:106:/:nonexistent:/usr/sbin/nologin
syslog:x:104:110:/:home/syslog:/usr/sbin/nologin
_apt:x:105:65534:/:nonexistent:/usr/sbin/nologin
tss:x:106:111:TPM software stack,,,:/var/lib/tpm:/bin/false
uidd:x:107:114:/:run/uidd:/usr/sbin/nologin
tcpdump:x:108:115:/:nonexistent:/usr/sbin/nologin
avahi-autoipd:x:109:116:Avahi autoip daemon,,,:/var/lib/avahi-autoipd:/usr/sbin/nologin
usbmux:x:110:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
rtkit:x:111:117:RealtimeKit,,,:/proc:/usr/sbin/nologin
dnsmasq:x:112:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
cups-pk-helper:x:113:120:user for cups-pk-helper service,,,:/home/cups-pk-helper:/usr/sbin/nologin
speech-dispatcher:x:114:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
avahi:x:115:121:Avahi mDNS daemon,,,:/var/run/avahi-daemon:/usr/sbin/nologin
kernoops:x:116:65534:Kernel Oops Tracking Daemon,,,:/usr/sbin/nologin
saned:x:117:123:/:var/lib/saned:/usr/sbin/nologin
nm-openvpn:x:118:124:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
hplip:x:119:7:HPLIP system user,,,:/run/hplip:/bin/false
whoopsie:x:120:125:/:nonexistent:/bin/false
colord:x:121:126:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
geoclue:x:122:127:/:var/lib/geoclue:/usr/sbin/nologin
pulse:x:123:128:PulseAudio daemon,,,:/var/run/pulse:/usr/sbin/nologin
gnome-initial-setup:x:124:65534:/:run/gnome-initial-setup:/bin/false
gdm:x:125:130:Gnome Display Manager:/var/lib/gdm3:/bin/false
sssd:x:126:131:SSSD system user,,,:/var/lib/sss:/usr/sbin/nologin
sejalpawar:x:1000:1000:Sejal Pawar,,,:/home/sejalpawar:/bin/bash
systemd-coredump:x:999:999:systemd Core Dumper:/:usr/sbin/nologin
sejal:x:1001:1001:Sejal R Pawar,,,:/home/sejal:/bin/bash
```

### 4. Modifying Accounts:



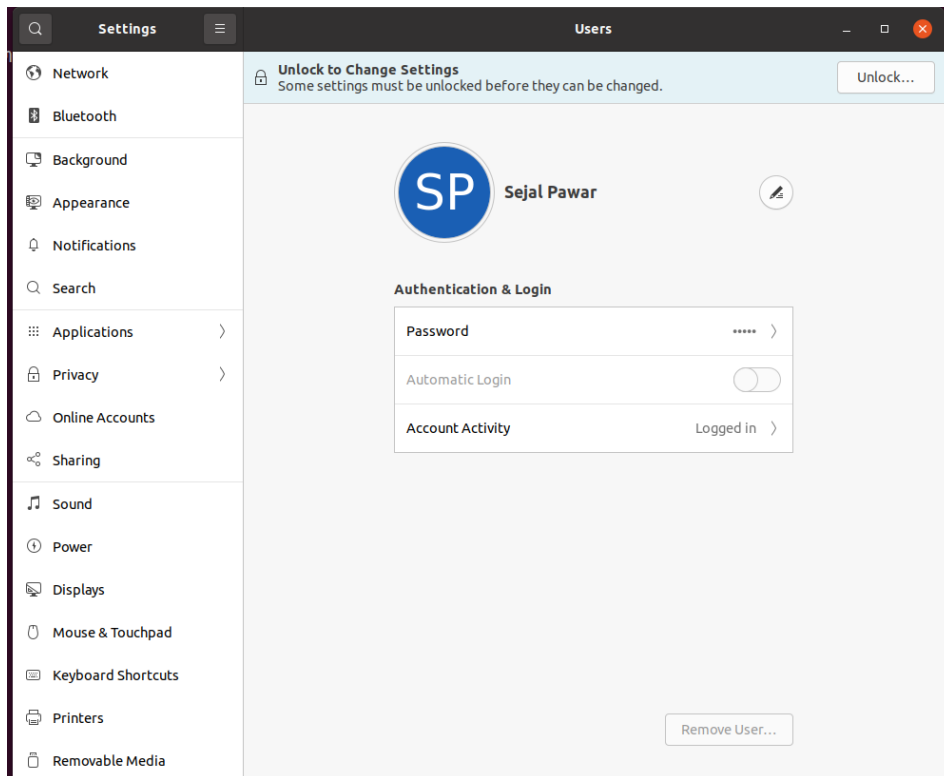


## 5. Changing Username of created account:

```
sejalpawar@ubuntu:~$ sudo usermod -l sezz sejal
[sudo] password for sejalpawar:
sejalpawar@ubuntu:~$ `
```

## 6. Delete User:

```
sejalpawar@ubuntu:~$ sudo deluser --remove-home sezz
Looking for files to backup/remove ...
Removing files ...
Removing user `sezz' ...
Warning: group `sejal' has no more members.
Done.
sejalpawar@ubuntu:~$ `
```



## 7. To check Quota:

```

sejalpawar@ubuntu: ~$ du ./.
112  ./local/share/gvfs-metadata
8    ./local/share/gnome-shell
4    ./local/share/evolution/mail/trash
8    ./local/share/evolution/mail
8    ./local/share/evolution/tasks/system
4    ./local/share/evolution/tasks/trash
16   ./local/share/evolution/tasks
4    ./local/share/evolution/calendar/system
4    ./local/share/evolution/calendar/trash
12   ./local/share/evolution/calendar
4    ./local/share/evolution/addressbook/system/photos
92   ./local/share/evolution/addressbook/system
4    ./local/share/evolution/addressbook/trash
100  ./local/share/evolution/addressbook
4    ./local/share/evolution/memos/trash
8    ./local/share/evolution/memos
148  ./local/share/evolution
4    ./local/share/sounds
4    ./local/share/icc
188  ./local/share/tracker/data
192  ./local/share/tracker
4    ./local/share/gnome-settings-daemon
4    ./local/share/applications
8    ./local/share/Trash/info
156  ./local/share/Trash/files
168  ./local/share/Trash
4    ./local/share/nautilus/scripts
8    ./local/share/nautilus
4    ./local/share/flatpak/db
8    ./local/share/flatpak
28   ./local/share/xorg
4    ./local/share/ibus-table
16   ./local/share/keyrings
724  ./local/share
728  ./local
4    ./Documents
4    ./Downloads

```

```
sejalpawar@ubuntu:~$ du ./Pictures
1352    ./Pictures
sejalpawar@ubuntu:~$ du -sh ./Pictures
1.4M    ./Pictures
sejalpawar@ubuntu:~$
```

## 8. To send mail:

```
sejalpawar@ubuntu:~$ mail -s "Testing mail command" sejalpawars1234@gmail.com
Cc:
Null message body; hope that's ok
Hello Sejal
```

Practical Performance (4)	Writeup & Oral (4)	Attendance (2)	Total (10)