

CS-303L

PROJECT ON

DOWNLOADS LOG ANALYSER

SUBMITTED TO

MR. SAKET SAURAV

SUBMITTED BY:

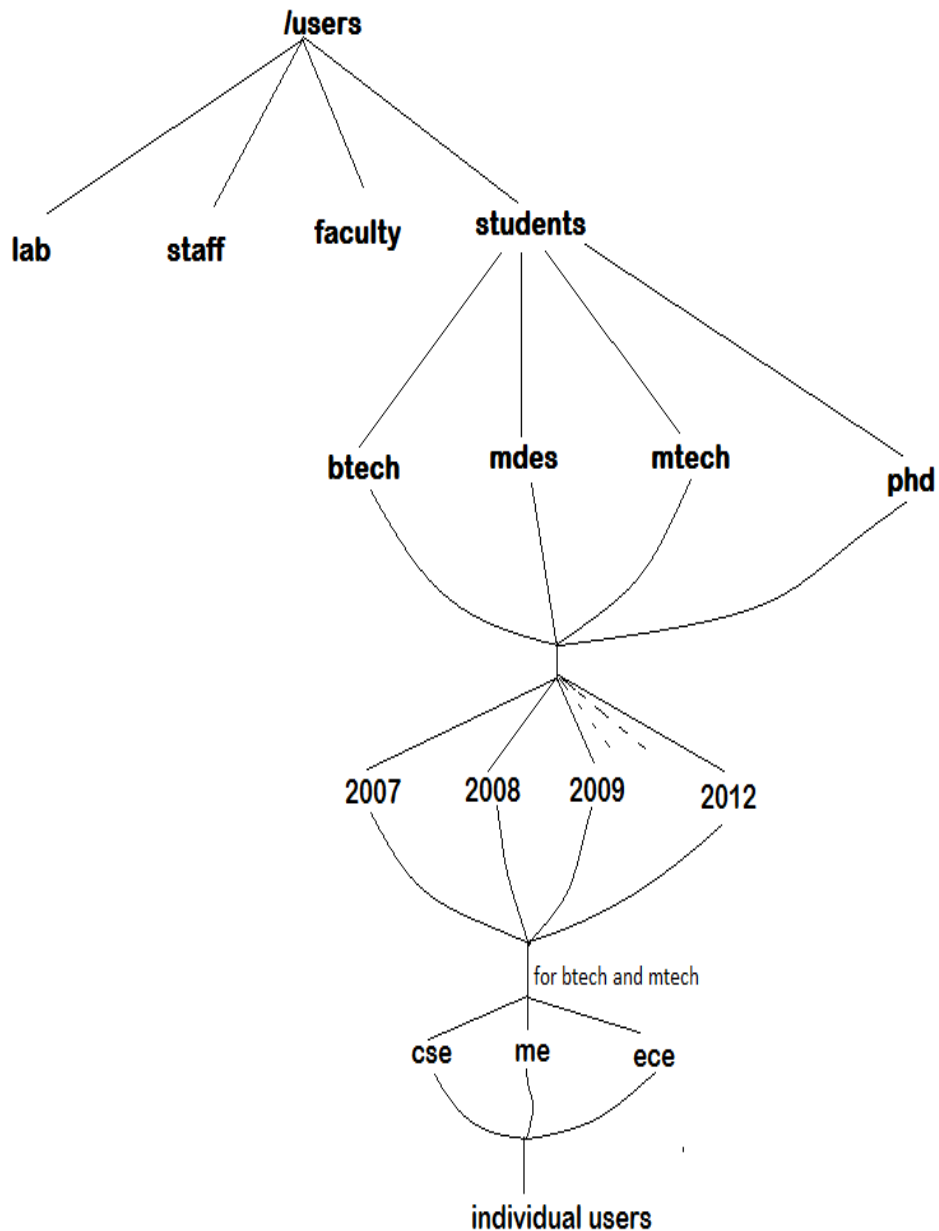
ABHINAV GUPTA(2011001)

RISHABH GUPTA(2011127)

SHIVAM SHARMA(2011224)

INTRODUCTION:

The download log analyser helps the server administrator to monitor the download done by the different users within the institute operating on the institute's server. It is a console based application which interacts with the user with the help of menu driven list to perform the various functionalities.



narmada/nis directory structure

FUNCTIONALITIES:

The log analyser helps the server the administrator analyse the different types of downloads done by all types of users in narmada/nis server and take necessary actions in their user directory.

- It is basically a *utility tool* which can *delete* the unnecessary items like video files and files greater than the certain size limit of the server to enhance the performance of the server.
- The administrator can view the different files downloaded by any user with its size modification date.

FLOW OF ACTIONS:

1. Ask the administrator to enter into a particular directory like faculty, lab, staff & student.
2. Perform action on faculty, lab & staff such as
 - (i) Categorized downloads by type (movies, music, documents, etc.)
 - (ii) List the download with date of last modification.
 - (iii) Delete the files greater than size provided by administrator.
3. Perform action on student directories especially on individuals, whole group, particular batch or a particular branch.
 - (i) Total space taken by a group, batch or branch.
 - (ii) Delete the files greater than size provided by administrator.
4. Perform action on known ID/Roll No of any student ,staff ,faculty or lab instructor and directory structure is fetched from passwd.txt.
 - (i) Categorized downloads by type (movies, music, documents etc.)
 - (ii) List the download with date of last modification.
 - (iii) Delete the files greater than size provided by administrator.
5. All deleted downloads are stored in delete.log with structure
ID/Roll No: File Name: Size Of file:Time of delete

REFERENCES:

- www.grymoire.com
- www.unix.stackexchange.com
- web.eecs.utk.edu
- www.unix.com
- www.thegeekstuff.com
- www.cybercity.biz
- www.shell-tips.com
- www.linuxjournal.com
- www.tldp.org
- www.examiner.com
- www.shortrecipes.blogspot.in
- www.silviogutierrez.com