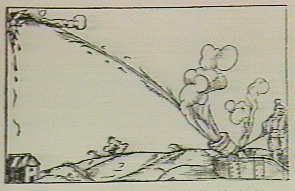
**PROJECT PROPOSAL**



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| **PROJECT PROPOSAL TITLE** | **Implement Linus Commands (ls,rm,mkdir)** |
| **NAME OF UNIVERSITY** | UNIVERSITY OF ENGINEERING AND TECHNOLOGY, PESHAWAR |
| **GROUP MEMBERS** | FAWAD ALI  UMER ALI  WASSAM REHMAN KHALID |
| **REGISTRATIONS NUMBERS** | 19PWCSE1845  19PWCSE1824  19PWCSE1829 |
| **SUBMITTED TO:** | ENGR. Madiha Sher |



**DEPARTMENT OF COMPUTER SYSTEM ENGINEERING**

## **OBJECTIVES**

* In this project in this project we are going to present the ls command with options, rm command, mkdir command , date command and history command.
* The **ls** is the list command in Linux. It will show the full list or content of your directory. Just type ls and press the enter key
* The **ls dirname** is the list command in Linux. It will show the list or content of your directory which you enter the directory or file name write. Just type ls directory\_name or ls file\_name and press the enter key
* **ls –l** It will show the list in a long list format. Just type ls –l and press enter.
* With **rm**, you can remove multiple files at once. Type rm file\_name and press enter
* mkdir command in Linux allows **the user to create directories** (also referred to as folders in some operating systems ). This command can create multiple directories at once as well as set the permissions for the directories. Type **mkdir dir\_name** and press enter.
* **date** command is used to display the system date and time. date command is also used to set date and time of the system. Just type **date** and press enter

## **DESCRIPTION**

* Implementation of a C System Program.
* The program can show list of directory and detail list, remove directory/file, make directory/file, show date.

## **INTRODUCTION**

In computing, ls is a command to list computer files in Unix and Unix-like operating systems. ls is specified by POSIX and the Single UNIX Specification. When invoked without any arguments, ls lists the files in the current working directory. The command is also available in the EFI shell.

In computing, rm is a basic command on Unix and Unix-like operating systems used to remove objects such as computer files, directories and symbolic links from file systems and also special files such as device nodes, pipes and sockets, similar to the del command in MS-DOS, OS/2, and Microsoft Windows.

In computing, various shells maintain a record of the commands issued by the user during the current session. The history command works with the command history list. When the command is issued with no options, it prints the history list

The mkdir command in the Unix, DOS, DR FlexOS, IBM OS/2, Microsoft Windows, and ReactOS operating systems is used to make a new directory. It is also available in the EFI shell and in the PHP scripting language. In DOS, OS/2, Windows and ReactOS, the command is often abbreviated to md.

## **ADVANTAGES**

* Basically, ls command is a basic command in Linux **used to List files and directories**. ls command comes with so many arguments and features like you can sort files and directories by Date, by Size, able to check hidden files and directories, permissions, inode information and so on
* command In the Linux operating system, rm command is used to remove or delete the files or directories, so therefore it saves the time
* mkdir can create multiple directories at once., mkdir command is simple and easy to use both by beginners and experts.
* date command is **used to display the system date and time**. date command is also used to set date and time of the system which directly shows the date and time.

## **CONCLUSION**

The code helps the users to find the list of directory by the ls command , while the mkdir helps to make directory easily by typing mkdir command in the command shell. The rm command helps to remove the directory/file from the directory. Hence it is helpful for the users to use these commands.