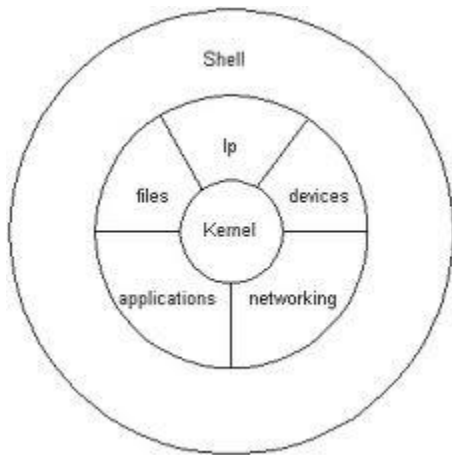

KENSHELL

A SIMULATION OF A WINDOWS COMMAND LINE WRITTEN IN C.

FINAL PROJECT IN CMSC 125



A **shell** is an interface between user and kernel. It interprets all commands to kernel and process all the response back from the kernel. Generally, this is used to access the operating system's services.

COMMANDS	
CD	This changes the current directory.
	Syntax: <ul style="list-style-type: none">• CD [. .]• CD [drive:] [path]
	Example: <ul style="list-style-type: none">• cd C:\Users\Public\CMSC125Project
CHDIR	This changes the current directory.
	Syntax: <ul style="list-style-type: none">• CHDIR [. .]• CHDIR [drive:] [path]
	Example: chdir C:\Users\Public\CMSC125Project

CLS	This clears the screen of the command window.
	Syntax: cls
CMD	This starts a new instance of the command interpreter.
	Syntax: cmd
COPY	This copies one or more files to another location.
	Syntax: <ul style="list-style-type: none"> • copy [source] [destination]
	Example: <ul style="list-style-type: none"> • copy new.txt new1.txt
DATE	This display or sets the date. Unfortunately, it cannot set the date due to administrator rights.
	Syntax: <ul style="list-style-type: none"> • date [mm/dd/yy]
	Example: <ul style="list-style-type: none"> • date 12/12/2018
DEL	This deletes one or more files.
	Syntax: <ul style="list-style-type: none"> • del [file][...]
	Example: <ul style="list-style-type: none"> • del new.txt
DIR	This displays the list of files and subdirectories in the directory.
	Syntax: dir
	Example: dir
MKDIR	This creates a directory.
	Syntax: <ul style="list-style-type: none"> • mkdir [name]
	Example: <ul style="list-style-type: none"> • mkdir CMSC125
MOVE	This moves one or more files to another directory.

	Syntax: <ul style="list-style-type: none"> • move [source] [dest]
	Example: <ul style="list-style-type: none"> • move new.txt Desktop
RENAME	This renames a file. Syntax: <ul style="list-style-type: none"> • rename [old] [new] Example: <ul style="list-style-type: none"> • rename [new.txt] [125.txt]
RMDIR	This removes a directory. Syntax: <ul style="list-style-type: none"> • rmdir [dirname] Example: <ul style="list-style-type: none"> • rmdir [CMSC 125]
TIME	This display the current time. Syntax: <ul style="list-style-type: none"> • time [HH:MM:SS.ms] Example: <ul style="list-style-type: none"> • time 12:12:12:.0
TYPE	This displays the contents of a text file.
	Syntax: <ul style="list-style-type: none"> • type [fname]
	Example: <ul style="list-style-type: none"> • type new.txt
EXIT	This closes the shell.
	Syntax: exit