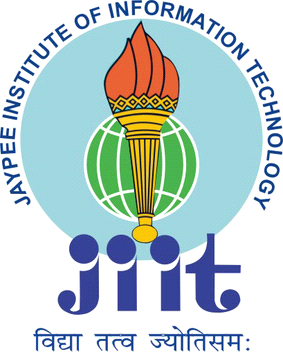
***Jaypee Institute of Information Technology, Noida***



***Project Synopsis***

***OPERATING SYSTEM***

***PROJECT:Mini Operating System***

***Team Members:***

* ***Ajay Kumar 16103177***
* ***Aakash Suryan 16103130***
* ***Saurabh Gupta 16103065***
* ***Mohd Afsan 16103312***

**About Project-**

An operating system (OS) is system software that manages computer hardware and software resources and provides common services for computer programs.

Time-sharing operating systems schedule tasks for efficient use of the system and may also include accounting software for cost allocation of processor time, mass storage, printing, and other resources.

The **OS** works based on its kernel. The kernel stores all the library files and whenever we run a program, the program's code calls header files from the kernel. In windows, kernel is 'Win32'.

**Operating System**  having shutdown and restart feature is made by cosmo code. In cosmos the code to shutdown is Cosmos.Sys.Deboot.ShutDown(); and to restart is Cosmos.Sys.Deboot.Reboot().

**What will you need-**

1) Microsoft Visual Studio 2012/2013/2010 (Any Edition)

2) COSMOS User Development Kit Milestone 4 (C# Open Source Managed Operating System)

3) Any Virtulization Software to run the OS. I'm using VMware Player.

Perquisite Knowledge-

Basics of C++, Java, .net would work

**Background:**

So here we'll make a command line operating system. As we saw the previous code, the code just writes some text on screen via Console.WriteLine() function. Now we will write a OS where the user gives the input and the computer processes it.

**Teacher's** **Signature**