

**PAF KARACHI INSTITUTE OF ECONOMIC AND TECHONOLOGY**

**PROJECT PROPOSAL**

**OPERATING SYSTEM**

PROJECT MEMBERS:

**MEHDI RAZA** 62589

**HAMZA AWAN** 62507

TOPIC:

**WEB SERVER**

**OBJECTIVES:**

* To create and synchronize cooperating threads in Unix
* basic web server is structured
* Test the functionality of a code base.

**SUMMARY:**

* In this Project we use C language.
* In this we will be developing a real, working web server
* for compiling we use pthread
* In this we specify the port number that it will listen on, then we connect the web browser with our server by using URL.

**FUNCTIONALITY:**

The functionality of this project is first we make the web server multi-threaded, with the appropriate synchronization, secondly implement different scheduling policies so request served in a different order and lastly use some statistics for web server performance.

**SPECIFICATIONS:**

In this Project for Implementation of the server our Web server invoked as:

The server command line arguments are like portnum, threads, number of requests, scheduling algorithm.