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Project Report on

**“WEBSERVER FOR REMOTE ACCESS FOR ON/OFF
WITHIN THE LAN”**

*Dissertation work submitted in partial fulfillment of the requirement for the award
of the degree of*

**BACHELOR OF ENGINEERING IN
TELECOMMUNICATION ENGINEERING**

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ABSTRACT

As appliances and devices are connected to the Internet, they are becoming increasingly powerful and complex and are rapidly becoming the most significant computers in contemporary society. new appliances with real time operating system, Internet protocols and device-based applications are appearing daily and the future of a Post-PC era looks bright. However as such appliances become even more widely pervasive, there will be demand for integrated management of multiple devices and services. Devices need a universal method for access and control. By using a browser as the client a device can provide remote access and control through and embedded web server.

However most Web servers are not designed to be embedded and most commercial embedded web servers use proprietary schemes to render dynamic data. What is needed is a powerful, secure standards-based ,embedded web server designed on open source philosophies.there are numerous benefits to embedding a web server. It simplifies design, often makes it easier to secure the system and usually results in less code and is therefore simpler to maintain .Internet appliances and embedded systems need web servers to enhance existing functions without impinging on vital device functionality. As many of these devices are very cost constrained memory and CPU resources are often at a premium. It is vital that embedded web servers are very efficient and sparse in their memory requirements.

We created simple Web server because existing web server are either designed for large scale web sites and are not well suited for embedding or they are embedded web servers but are future –poor and insufficiently secure. Web fills this void and has been designed from the ground up to be a secure,moduler,powerful HTTP server that is ideally suited for embedded systems and for embedding in applications.

Simple web server is only no compromise web server for embedded systems that has been designed from the ground up with security in mind. It is fast and compact. But it also has a wealth of features like SSL.Logging,configuration and much more.