Final Project

Secured WebServer in Java

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**Abstract**

The final project required the following:

* A web server, running on top of SSL (Secured Socket Layer)
* Receive and parse Http request
* Create a response and send the requested file if exists
* Else send Http not found status.
* If the server is unable is open listening port, it will failover to a secondary port.

The project also requires couple of criteria:

* Chained filter streams
* Multithreaded Client/Server
* Avoiding race condition and deadlocks
* Encrypted communication between client and server
* Client authentication for server program
* Cookie support

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