SE 325 A1 Report

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Report. You should write a report, not exceeding one page, that describes the extent to

which your solution meets the system's scalability requirement. You should highlight aspects

of your Web service's design that contribute towards meeting this quality attribute.

* HTTP
* But newsitem part is stateful
* 3 tier (client server databases) should be stateless
* Optimistic lock control
* Fetching lazy
* Domain model:
* Fine grained locking
* E.g. concert and performers do not store booking or reservation
* coarse-grained concurrency control schemes
* Eager /Lazy fetching
* Java Executor:
* Executors.newSingleThreadExecutor( );
* A service may have operations that are computationally intensiveExecuting too many such requests concurrently may starve clients making simple fast requests