Struts2 – MVC Framework

iBatis Framework used - Elimination of dependencies between our application and infrastructural JDBC code by externalising all JDBC code as xml configurations. Also JDBC code is automated using best practices by the framework

Log4j Framework – used for logging relevant data into files/console

Report Generation(PDF format) Using Jasper Tool

AJAX functionality at required places using JSON – a lightweight data–exchange format

Elimination of –

1) SQL injection

2) Cross-site hacking

3) Vendor locking – does not use any vendor(a particular server) specific features. No framework intrusiveness into business code

DB Connection Pooling mechanism – Benefits

JUnit - testing framework; written test cases for a few DAO’s

Used Annotations

Password Encryption using built-in SHA algorithm

Used SVN(Subversion) for Software Configuration Management

Used Eclipse IDE for development