Chapter 5

**HIGH LEVEL DESIGN**

**5.1 Introduction**

The System design phase involves two sub phases

* High Level Design
* Low Level Design

In the high level design, the proposed functional and non functional requirements of the software are depicted. Overall solution to the architecture is developed which can handle those needs. There are two aspects considered in design. They are:

* Design consideration
* Data flow diagram

**5.2 Design Consideration**

There are several design consideration issues that need to be addressed or resolved before getting down designing a complete solution for the system

**5.2.1 Assumptions and Dependencies**

The main assumptions and dependencies identified are as follows:

* JDK has to be installed in all the machines where the interface layer is deployed
* The application servers like either the JBOSS or the Apache Tomcat will have to be supported by the host machines
* There shall not be any firewall or other engines that prevents the remote requests from the interface portal.
* The RHEL box on which the applications will be configured will be up and running all the time to avoid the outages.