**Assignment   
JavaEE Assignment with a mini project**

SCS3203 / IS3108 Middleware Architecture

18001939 – B.C. Wickramasinghe

Q1)

1.

Web Container: This container will handle the JSP page and servlet artefacts for JEE apps. Web artefacts and their container run on the JEE server

EJB container: The Enterprise JavaBeans (EJB) container provides a run-time environment for enterprise beans within the application server. The container handles all aspects of an enterprise bean's operation within the application server and acts as an intermediary between the user-written business logic within the bean and the rest of the application server environment.

2.

JEE server compatible: Apache TomEE, ManageFish Server

Java Web Servers compatible: Mongrel, Apache Tomcat

3.

Entity beans: This bean represents data maintained in a database. An entity bean can manage its own persistence or can delegate this function to its EJB Container. Entity beans become optional in JEE 8

Session beans: This represents a single client inside the Application Server. To access an application that is deployed on the server, the client invokes the session bean's methods.

Message-driven beans: This is an enterprise bean that allows Java EE applications to process messages asynchronously. This type of bean normally acts as a JMS message listener, which is similar to an event listener but receives JMS messages instead of events.