**31284 WSD Assignment 1**

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**Scenario: 27**

**Kenobi Fried Chicken**

Kenobi Fried Chicken is a well known chain of quality family restaurants with over 1000 outlets around the world, of which 100 are in Australia.

For reporting purposes, all outlets in each country have to report their sales and financial information to their country headquarters (HQ). They do this via a thin client (terminal-based) application running on a dedicated PC at each outlet which connects to the country HQ's central server using sockets. Each country HQ consolidates all the outlets financial information and sends this to the world-wide HQ via email. For supply purposes, each country HQ is responsible for receiving weekly orders for ingredients of their products. These orders are sent using a different thin client application accessed from the same dedicated PC mentioned above. They then combine these orders to make a bulk order from various suppliers. This is done by the country HQ providing a web site on which the suppliers can bid for the orders currently listed on the system.

The country HQ has single server which contains a MySQL database to store all data and also currently runs all of their applications. They have separate applications for the weekly reporting system and the supply chain ordering system that are written in Java. The same server also runs their web site for suppliers using a Microsoft platform.

**Changes wanted**

The Australian country HQ has decided to allow customers to purchase the product over the Internet. The country HQ will have a web site that will take orders and send the order to the nearest outlet. The customer can pay online using a credit card, and at the end of each week, the country HQ will transfer funds to each outlet corresponding to their weekly online sales, less a 5% administration fee.