Case for BUITA course 1

CUT N' MOVE is a barbershop that has existed since 2010 and owned by Jacob Nielsen.

It has been widely popular because of its use of 'freelance' barbers; barbers who are not directly employed but instead rent a barber's chair (6 in total) for certain time slots within the opening hours. The barbers pay a small amount for this rent (1\$ an hour), and the store owner also gets a 20% cut of the profit (no pun intended) that the barbers make. When customers arrive, they are greeted by a receptionist who informs of waiting times and available barbers and then shows the customers to their selected barber. The overview of the barbers available is given by an application that runs on IOS on an iPad in the reception, showing the available barbers by name, their barber chairs (which can be different depending on which are available for rent from day to day). The client is a thin client with a front-end layer that communicates with a RedHat Linux server running an AMPPS package (Apache, MySQL, PHP, Perl and Python) in the basement that is only locally connected. The information shown on the thin client contain: timeslots in 30 minutes increments from 9.30-18.00, each barber's chair number with the registered barber's name in brackets underneath:

Chair #1 Chair #2
[Michael] [Sue]
09.30-10.00
10.00-10.30
10.30-11.00
ETC

A 42" SONY Bravia Smart TV is also hooked up to the iPad with a corresponding Android app that shows the availability of barbers. This access is read-only whereas the receptionist also has write-access to the client to input which barbers are currently busy with customers and for how long and which services are being provided to the customer (only the busy time will be shown in the read-only client on the TV).

Case for BUITA course 2

Services available range from:

- Quick cuts (using primarily an electric appliances): estimated time 15 minutes - 20\$

- Quick shaves (using primarily an electric appliances): estimated time 5 minutes 5\$
 - Precision cuts: estimated time 30 minutes 30\$
 - Precision shaves: estimated time 15 minutes 7\$
 - Shampooing and drying: 10 minutes 5\$
 - Coloring: 45 minutes 20\$

Prices are completely flat rates but tipping (at least 20%) is encouraged. Each barber keeps the tips for themselves.

Each time a barber is booked, the receptionist enters the service and the timeslot as well as the total amount including tips for the barber. Paying method is also indicated by the system. It is possible to pay cash via cash register, card via a card terminal and over Mobile Payment.

Barbers are required to send (email) in monthly rental preferences in a spreadsheet in Excel with a limit of 2 days each week to make room for other barbers. Barbers who bring in more money will have preference over barbers who make less. These arrangements are done twice a month by the manager of the shop by accessing the custom address cutnmove-barbers@gmail.com and then importing the spreadsheets into a major scheduling spreadsheet based on his/her knowledge of the existing barbers.

Every fortnight, the manager tallies up the amount of services performed by the barbers and pay them (minus the 20%). If tips have been given using digital payment, the tips are included in this payment but obviously the 20% are excluded.