Part A

Modules

jjFeedback

HhheHealth

Budget

BBookeeping

sCRM

HuHR

Finance

nnAyesha’s Beauty Creation

Employee Contact

Recruitment

Functions

Budget

Budget () {

Obtain the price of beauty products.

Obtain the sales tax on the beauty products.

Sales tax = the price of beauty products times sales tax rates

Final price equals price of beauty products plus sales tax

Present final price of beauty product

}

Bookkeeping

Bookkeeping (){

Receive number of orders.

Receive billing amount

Obtain product\_ID

Receive distributorName

Date of order/purchase

Receive product\_Quantity

}

Human Resources

Recruitment

Recruitment (){

hr receives notice of vacant position

create job recruitment document

send to recruiters

recruiters post job on website & job portals

review applications

IF candidate fits requirement, THEN review application

IF NOT,

start screening phase

}

Health and Safety

Health () {

provide employees with samples of products

incase irritation occurs product has to be reviewed or resampled manufacturers

incase of no irritation product is sent to market for distribution

}

Contacts

Contacts () {

Obtain distributors particulars.

Distributor particulars ( postal\_Adress, telephone\_Number, geographical\_Location)

}

Feedback

Feedback () {

receive feedback from clients

identify the nature of feedback

respond to clients

keep track of rising complaints

Pseudocodes

Budget

Begin

prompt price for C beauty products.

prompt sales tax on beauty products.

sales tax= (the price of beauty products \* sales tax rates)

final price= (price of beauty products + sales tax)

OUTPUT final price of beauty product

End

Bookeeping

Begin

prompt for distributor name

( get distributor\_Name)

prompt for order number

(get product\_ID AND product\_Quantity)

End

Human Resources

Recruitment

Start

prompt hr for notice position

prompt for job recruitment document

send to recruiter

review application

IF candidate fits requirement, then

(review application)

IF NOT, then

(applicant is not eligible for hiring)

End

Health

Begin

prompt to provide employees with sample products

IF ( irritation occurs) then

product is reviewed OR resampled

Else if ( no irritation occurs) then

( product is released for distribution)

End

Contact

Begin

prompt for distributors particulars

receive distributors particulars

distributors particulars (postal\_Adress, telephone\_number, georgraphical\_Location )

End

Feedback

Begin

prompt customers for feedback

if feedback is positive, then

(manufacture the product in large contents)

else if feedback is negative, then

(substitute /improve the product)

End

Documentation of Ayesha’s Beauty Creation

Organizations are the most targeted and in demand for IT infrastructures for better sales, marketing and operations. The recent program implemented at Ayesha beauty manufacturers helps it conquer its desired needs and wishes. The program keeps records of distributors since their credentials such as (telephone number, distributor’s name etc.…) are required upon placing orders. Tax rate is now monitored upon each product which helps the manufacturer to determine the sale price on each of their products and thus ensures better financial control. The program facilitates the recipient with feedback from clients through the primary stage, whereby employees are subjected to the newly- invented product usage incorporation. The job application platform is also part of this program as one can now apply online for a specific vacancy advertised on the company’s website.