

APPENDIX-I

Title Of The Project :-

Product Review Analysis for Genuine Rating

Final Report

Submitted To:-

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Date of Submission :- 10th April 2020



Department of Intelligent Systems

School of Computer Science Engineering

Lovely Professional University, Jalandhar

<< Product Review Analysis for Genuine Rating >>

APPENDIX-II

Student Declaration Certificate

This is to declare that this report has been written by me. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. I adhere that if any part of the report is found to be copied, I will be fully responsible for it.

Signature of The Student :-

Name of The Student :- Ashwani Kumar

Roll number :- B-38

Place :- LPU, Jalandhar

Date :- 10 April 2020

Table of Contents

Contents

APPENDIX-IV	4
Abstract	5
Introduction.....	5
Objective	5
Modules.....	5
Admin	5
Manager	6
Users Login	6
Update	6
Delete	6
Exit.....	6
Reset.....	6
Display Data.....	6
Submit	6
Code.....	7
ANNEXURE-I	7
Description of Work	13
Implementation of Scheduled Work of Project.....	11
Software Required.....	14
Libraries Used	14
SWOT Analysis Achieved in project	14
Strengths.....	14
Weakness.	14
Opportunities.	14
Threats.....	14

<< **Product Review Analysis for Genuine Rating** >>

APPENDIX-IV

BONAFIDE CERTIFICATE

This is to Certify that this project report “**Product Review Analysis for Genuine Rating**” is the bonafide work of “**Ashwani Kumar**” who carried out the project work under my supervision.

Signature of the Supervisor :-

Name of supervisor :- Dhanpratap Singh

Academic Designation :- Assistant Professor

ID of Supervisor :-

Department of Supervisor :- Department of Intelligent Systems

<< Product Review Analysis for Genuine Rating >>

Abstract :-

This Product Review Analysis for Genuine Rating is proposed for getting the proper reviews in an easy and efficient way in the virtual world . It has three modules namely, Admin, Manager and User. Admin can login and can add Review Products, Assign Manager by creating Login Credentials for Manager, add review details for the particular product, manages various reviews and view the details of products for all kind with every little feature and feedback. Managers assigned by the Admin are different for different Review Analysis. Managers will get login credentials from admin, he/she can login using credentials, he/she can check the rates, view the request for review for the respective location, can accept review, display the proper reviews and can view the review history. Users can check the reviews of various product by choosing it, fill personal details, can give reviews on a products and he/she can also see view previous reviewed product history.

Introduction :-

Review Analysis is done so that it becomes easier for a customer for a good reliable product without any ambiguity. People who like giving feedback and review can able to help us out with genuine review and rating. This kind of analysis can enhance the underated loyalty of the product towards Clients/People. The System takes reviews of various users, based on their personal opinion, system will specify whether the posted product is good, bad, or worst.

Objective :-

The objective is too making it easier for people to find proper product with the help of genuine rating on various products. Product Review Analysis for Genuine Rating is on a mission to remove barriers to getting people active for reviews and make it easier for other choose the genuine product. This is also done to simplify the reviews which one good or bad products by Review Analysis on various product.

Description of Project :-

Modules :-

The system comprises of 3 major modules with their sub-modules as follows:

❖ Admin :-

- Add Manager: Admin can add review product and manager of the respective review for various products.
- Add List: Admin can add products for the respective company.
- Manage Review: Admin can manage request by displaying genuine reviews.

<< Product Review Analysis for Genuine Rating >>

- View Reviews: Admin can view reviews done by analysis and the client's details.

❖ Manager :-

- Login: Manager can login with the credentials provided by user/client.
- Check Rates: Manager can check reviews for the respective product.
- View Request: Manager can view request for various reviews.
- Confirm Review: Manager can confirm the review on a specific product.
- Feedback Generation: Manager can generate feedback as per the rating.
- Review Analysis: Manager can analyze and check review history .

❖ Users Login :-

- Check Reviews: User can check for reviews of various products.
- Check Availability: User can see the availability of the respective reviews on a product which is selected by him.
- Check History: User can see his previous review history.

❖ Update :-

It is used for updating the client information as per the requirement of the user.

❖ Delete :-

It is used for deleting the complete record of reviews on a product of the client effectively.

❖ Exit :-

It is used for going back or logging out from the Application for review analysis.

❖ Reset :-

It is used for resetting the record of a client as per requirement for review analysis.

❖ Display Data :-

It is used for showing or checking the record of the various clients for review analysis.

❖ Submit :-

It is used for submitting the record of the client for the confirmation for review analysis.

<< Product Review Analysis for Genuine Rating >>

Code :-

(ANNEXURE - I)

```

from tkinter import*
from tkinter import ttk
import random
import sqlite3
import time
from datetime import datetime
import tkinter.messagebox
def main():
    root=Tk()
    app=Window1(root)
class Window1:
    def __init__(self,master):
        self.master=master
        self.master.title("Product Review Analysis for Genuine Rating")
        self.master.geometry('1350x750+0+0')
        self.master.configure(bg='powder blue')
        self.frame=Frame(self.master, bg='powder blue')
        self.frame.pack()
        self.Username=StringVar()
        self.Password=StringVar()
        self.lblTitle=Label(self.frame, text='Product Review Analysis for Genuine Rating', font=('arial',50,'bold'),bg='powder blue',fg='black')
        self.lblTitle.grid(row=0,column=0,columnspan=2,pady=40)
#=====
self.LoginFrame1=LabelFrame(self.frame, width=1350, height=600, font=('arial',20,'bold'),relief='ridge', bg='cadet blue',bd=20)
self.LoginFrame1.grid(row=1, column=0)
self.LoginFrame2=LabelFrame(self.frame, width=1000, height=600, font=('arial',20,'bold'),relief='ridge', bg='cadet blue',bd=20)
self.LoginFrame2.grid(row=2, column=0)
#===== Label &
Entry=====

self.lblUsername=Label(self.LoginFrame1, text= 'Username', font=('arial',20,'bold'), bd=22,bg='cadet blue' , fg='Cornsilk')
self.lblUsername.grid( row=0, column=0)
self.txtUsername=Entry(self.LoginFrame1, font=('arial',20,'bold'),textvariable=self.Username)
self.txtUsername.grid( row=0, column=1, padx=119)
self.lblPassword=Label(self.LoginFrame1, text= 'Password', font=('arial',20,'bold'),bd=22,bg='cadet blue' , fg='Cornsilk')
self.lblPassword.grid( row=1, column=0)
self.txtPassword=Entry(self.LoginFrame1, font=('arial',20,'bold'),show = "*", textvariable=self.Password)
self.txtPassword.grid( row=1, column=1, columnspan=2, pady=30)
#=====
Button=====

self.btnLogin=Button(self.LoginFrame2, text='Login',width=17,font=('arial',20,'bold'),command=self.Login_System)
self.btnLogin.grid(row=3,column=0,pady=20,padx=8)
self.btnReset=Button(self.LoginFrame2, text='Reset',width=17,font=('arial',20,'bold'),command=self.Reset)
self.btnReset.grid(row=3,column=1,pady=20,padx=8)

self.btnExit=Button(self.LoginFrame2, text='Exit',width=17,font=('arial',20,'bold'), command=self.iExit)
self.btnExit.grid(row=3,column=2,pady=20,padx=8)
#=====

def Login_System(self):
    u=(self.Username.get())
    p=(self.Password.get())
    if(u==str(1234) and p==str(1234)):
        self.newWindow=Toplevel(self.master)
        self.app=Review(self.newWindow)
    else:
        tkinter.messagebox.askyesno("Login Systems", "Invalid login detail")
        self.Username.set("")
        self.Password.set("")

```

<< **Product Review Analysis for Genuine Rating** >>

```

        self.txtUsername.focus()
def Reset(self):
    self.Username.set("")
    self.Password.set("")
    self.txtUsername.focus()
def iExit(self):
    self.iExit=tkinter.messagebox.askyesno("Login Systems", "Confirm if you want to exit")
    if self.iExit > 0:
        self.master.destroy()
    else:
        command=self.new_window
        return
def new_window(self):
    self.newWindow=Toplevel(self.master)
    self.app=Library(self.newWindow)
class Review:
def __init__(self,master):
    self.master=master
    self.master.title("Product Review Analysis for Genuine Rating")
    self.master.geometry('1350x750+0+0')
    self.master.configure(bg='cadet blue')
    MType=StringVar()
    Ref=StringVar()
    Title=StringVar()
    Firstname=StringVar()
    Surname=StringVar()
    Address1=StringVar()
    Address2=StringVar()
    Pincode=StringVar()
    MobileNo=StringVar()
    ProductName=StringVar()
    Cost=StringVar()
    CompanyName=StringVar()
    Rsize=StringVar()
    Feature=StringVar()
    DateOfManufacture=StringVar()
    DateOfReview=StringVar()
    KindOfReview=StringVar()
    WriteReview=StringVar()
    Rate=StringVar()
def iReset2():
    MType.set("")
    Ref.set("")
    Title.set("")
    Firstname.set("")
    Surname.set("")
    Address1.set("")
    Address2.set("")
    MobileNo.set("")
    Pincode.set("")
    ProductName.set("")
    Cost.set("")
    CompanyName.set("")
    Rsize.set("")
    Feature.set("")
    DateOfManufacture.set("")
    DateOfReview.set("")
    WriteReview.set("")
    Rate.set("")
    self.txtFrameDetail.delete("1.0",END)
    self.txtDisplayR.delete("1.0",END)
def iDelete():
    iReset2()
    self.txtDisplayR.delete("1.0",END)
def iEliminate():
    msg=tkinter.messagebox.askyesno("Product Review Analysis for Genuine Rating ", "Confirm if you want to exit")
    if msg=="True":
        master.quit()
def iDisplayData():

```


<< Product Review Analysis for Genuine Rating >>

```

self.txtFrameDetail.insert(END,MType.get()+"\t"+Ref.get()+"\t"+Title.get()+"\t"+Firstname.get()+
"\t"+Surname.get()+"\t"+Address1.get()+"\t"+Address2.get()+"\t"+MobileNo.get()+"\t"+CompanyName.get()+"\t"+ProductName.get()+"\t"+WriteReview.get()+"\
t"+Rate.get()+"\n")

def iReceipt():
    self.txtDisplayR.delete("1.0",END)
    self.txtDisplayR.insert(END, "Member Type: \t\t" + MType.get() + "\n")
    self.txtDisplayR.insert(END, "Ref No : \t\t" + Ref.get() + "\n")
    self.txtDisplayR.insert(END, "Title: \t\t" + Title.get() + "\n")
    self.txtDisplayR.insert(END, "First Name: \t\t" + Firstname.get() + "\n")
    self.txtDisplayR.insert(END, "Surname: \t\t" + Surname.get() + "\n")
    self.txtDisplayR.insert(END, "City : \t\t" + Address1.get() + "\n")
    self.txtDisplayR.insert(END, "State : \t\t" + Address2.get() + "\n")
    self.txtDisplayR.insert(END, "Mobile No: \t\t" + MobileNo.get() + "\n")
    self.txtDisplayR.insert(END, "Pincode : \t\t" + Pincode.get() + "\n")
    self.txtDisplayR.insert(END, "Review: \t\t" + WriteReview.get() + "\n")
    self.txtDisplayR.insert(END, "Rating (Out of 5): \t\t" + Rate.get() + "\n")
    self.txtDisplayR.insert(END, "Cost: \t\t" + Cost.get() + "\n")
    self.txtDisplayR.insert(END, "Storage Capacity: \t\t" + Rsize.get() + "\n")
    self.txtDisplayR.insert(END, "Feature: \t\t" + Feature.get() + "\n")
    self.txtDisplayR.insert(END, "Date of Review: \t\t" + DateOfReview.get() + "\n")
    self.txtDisplayR.insert(END, "Date of Manufacture: \t\t" + DateOfManufacture.get() + "\n")
    self.txtDisplayR.insert(END, "Rating/Feedback of Product : \t\t" + Rate.get() + "\n")
    self.txtDisplayR.insert(END, "Cost: \t\t" + Cost.get() + "\n")
MainFrame=Frame(self.master)
MainFrame.grid()
TitleFrame = Frame(MainFrame, width=1350, padx=20, bd=20, relief=RIDGE)
TitleFrame.pack(side=TOP)
self.lblTitle=Label(TitleFrame, width=40 , font=("arial", 30 , "bold"),text="\t Product Review Analysis for Genuine Rating \t", padx=15)
self.lblTitle.grid()
ButtonFrame=Frame(MainFrame, bd=20, width=1350, height=50, padx=20, relief=RIDGE)
ButtonFrame.pack(side=BOTTOM)

FrameDetail=Frame(MainFrame, bd=20, width=1350, height=100, padx=20, relief=RIDGE)
FrameDetail.pack(side=BOTTOM)
DataFrame=Frame(MainFrame, bd=20, width=1300, height=400, padx=20, relief=RIDGE)
DataFrame.pack(side=BOTTOM)
DataFrameLEFT=LabelFrame(DataFrame , bd=10, width=800, height=300, padx=20, relief=RIDGE, font=("arial",12,"bold"), text="Product Review Analysis for
Genuine Rating Info:.")
DataFrameLEFT.pack(side=LEFT)

DataFrameRIGHT=LabelFrame(DataFrame , bd=10, width=450, height=300, padx=20, relief=RIDGE, font=("arial",12,"bold"), text="Review Detail:.",)
DataFrameRIGHT.pack(side=RIGHT)
#===== Widgets=====
self.lblMemberType = Label(DataFrameLEFT, font=("arial", 12, "bold"), text = "Type Of Review:", padx=2, pady=2)
self.lblMemberType.grid(row=0, column=0, sticky=W)
self.cboMemberType = ttk.Combobox(DataFrameLEFT, state="readonly",textvariable=MType, font=("arial", 12, "bold"), width=23)
self.cboMemberType['value']=(' ', 'Client', 'Member', 'Admin')
self.cboMemberType.current(0)
self.cboMemberType.grid(row=0, column=1)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Product Name :",padx=2,pady=2)
self.lblTitle.grid(row=0,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=ProductName,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=(' ', 'Mobile', 'Laptop')
self.cboTitle.current(0)
self.cboTitle.grid(row=0,column=3)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Unique ID:",padx=2,pady=2)
self.lblTitle.grid(row=1,column=0,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=Ref,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=(' ', '11111', '22222', '33333', '44444', '55555')
self.cboTitle.current(0)
self.cboTitle.grid(row=1,column=1)

self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Name of the Company:",padx=2,pady=2)
self.lblTitle.grid(row=1,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=CompanyName,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=(' ', 'Oppo', 'Samsung', 'Nokia', 'Redmi', 'Apple', 'Asus', 'HP', 'HCL', 'Acer', 'Dell')
self.cboTitle.current(0)

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<< **Product Review Analysis for Genuine Rating** >>

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self.cboTitle.grid(row=1,column=3)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Title:",padx=2,pady=2)
self.lblTitle.grid(row=2,column=0,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=Title,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( 'Mr.', 'Miss.', 'Mrs.', 'Ms.')
self.cboTitle.current(0)
self.cboTitle.grid(row=2,column=1)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Price (INR):",padx=2,pady=2)
self.lblTitle.grid(row=2,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=Cost,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( 'Rs 10,000','Rs 20,000','Rs 25,000', 'Rs 40,000', 'Rs 30,000' )
self.cboTitle.current(0)
self.cboTitle.grid(row=2,column=3)
self.lblFirstName = Label(DataFrameLEFT, font=("arial", 12, "bold"),text="First Name:", padx=2,pady=2)
self.lblFirstName.grid(row=3,column=0,sticky=W)
self.txtFirstName=Entry(DataFrameLEFT, font=("arial", 12, "bold"),width=25,textvariable=Firstname)
self.txtFirstName.grid(row=3,column=1)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Date Of Manufacture:",padx=2,pady=2)
self.lblTitle.grid(row=3,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=DateOfManufacture,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( '10th January 2010','20th April 2012', '15th June 2014', '5th October 2015' )
self.cboTitle.current(0)
self.cboTitle.grid(row=3,column=3)
self.lblSurname = Label(DataFrameLEFT, font=("arial", 12, "bold"),text="Last Name:", padx=2,pady=2)
self.lblSurname.grid(row=4,column=0,sticky=W)
self.txtSurname=Entry(DataFrameLEFT, font=("arial", 12, "bold"),width=25,textvariable=Surname)
self.txtSurname.grid(row=4,column=1)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Date of Review :",padx=2,pady=2)
self.lblTitle.grid(row=4,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=DateOfReview,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( '10th April 2020','20th April 2020', '15th June 2020', '5th October 2020' )
self.cboTitle.current(0)
self.cboTitle.grid(row=4,column=3)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="City :",padx=2,pady=2)
self.lblTitle.grid(row=5,column=0,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=Address1,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( 'Bhopal','Kolkata', 'Jalandhar', 'Bangalore', 'Chennai' )
self.cboTitle.current(0)
self.cboTitle.grid(row=5,column=1)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Storage Capacity (in GB/TB):",padx=2,pady=2)
self.lblTitle.grid(row=5,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=Rsize,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( '2GB','4GB', '8GB', '1TB','2TB' )
self.cboTitle.current(0)
self.cboTitle.grid(row=5,column=3)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="State :",padx=2,pady=2)
self.lblTitle.grid(row=6,column=0,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=Address2,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( 'Madhya Pradesh','West Bengal', 'Punjab', 'Karnataka', 'Tamil Nadu' )
self.cboTitle.current(0)
self.cboTitle.grid(row=6,column=1)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Unique/Special Feature:",padx=2,pady=2)
self.lblTitle.grid(row=6,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=Feature,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( 'High Pixel Camera','Good Processor', 'Light in Weight', 'Flexible','Portable' )
self.cboTitle.current(0)
self.cboTitle.grid(row=6,column=3)
self.lblPostCode=Label(DataFrameLEFT, font=("arial", 12, "bold"),text="Mobile Number :", padx=2,pady=2)
self.lblPostCode.grid(row=7,column=0,sticky=W)
self.txtPostCode=Entry(DataFrameLEFT, font=("arial", 12, "bold"),width=25,textvariable=MobileNo)
self.txtPostCode.grid(row=7,column=1)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Write a Review about The Product :",padx=2,pady=2)
self.lblTitle.grid(row=7,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=WriteReview,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=( 'Good','Average','Bad')
self.cboTitle.current(0)
self.cboTitle.grid(row=7,column=3)
self.lblSellingPrice=Label(DataFrameLEFT, font=("arial", 12, "bold"),text="Pin Code :", padx=2,pady=2)
self.lblSellingPrice.grid(row=8,column=0,sticky=W)

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<< Product Review Analysis for Genuine Rating >>

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self.txtSellingPrice=Entry(DataFrameLEFT, font=("arial", 12, "bold"),width=25,textvariable=Pincode)
self.txtSellingPrice.grid(row=8,column=1)
self.lblTitle=Label(DataFrameLEFT, font= ("arial",12,"bold"), text="Rate The Product (Out of 5 Stars) :",padx=2,pady=2)
self.lblTitle.grid(row=8,column=2,sticky=W)
self.cboTitle=ttk.Combobox(DataFrameLEFT,state="readonly",textvariable=Rate,font=("arial",12,"bold"),width=23)
self.cboTitle['value']=(' ','*','**','***','****','*****')
self.cboTitle.current(0)
self.cboTitle.grid(row=8,column=3)
#=====Widgets=====
self.txtDisplayR=Text(DataFrameRIGHT, font=("arial", 12, "bold"),width=32, height=13, padx=8,pady=20)
self.txtDisplayR.grid(row=0, column=2)
scrollbar=Scrollbar(DataFrameRIGHT)
scrollbar.grid(row=0,column=1,sticky='ns')
ListOfProducts = ['Smart Phone, Samsung','Smart Phone, Oppo','Smart Phone, Nokia','Smart Phone, Apple ', 'Smart Phone, Redmi','Laptop, HP','Laptop, Dell',
'Laptop, Asus','Laptop, Acer','Laptop, HCL']
def SelectedProduct(evt):
    value=str(productList.get(ListOfProducts.curselection()))
    w=value
    conn=sqlite3.connect('Review.db')
    c=conn.cursor()
    c.execute("SELECT * FROM ReviewDb WHERE Book_Title=?" ,(w,))
    for row in c.fetchall():
        CompanyName.set(row[0])
        ProductName.set(row[1])
        Cost.set(row[2])
        Feature.set(row[3])
        WriteReview.set(row[4])
        Rate.set(14)
        import datetime
        d1=datetime.date.today()
        d2=datetime.timedelta(14)
        d3=d1+d2
        DateOfManufacture.set(d1)
        DateOfReview.set(d3)
        DateOfManufacture.set("No")
productlist= Listbox(DataFrameRIGHT, width=20,height=12,font=('arial',12,'bold'),yscrollcommand=scrollbar.set)
productlist.bind('<<ListboxSelect>>',SelectedProduct)
productlist.grid(row=0, column=0,padx=8)
scrollbar.config(command=productlist.yview)
for items in ListOfProducts:
    productlist.insert(END,items)
#=====Labels=====
self.lblLabel=Label(FrameDetail, font=("arial",10,'bold'), pady=8,
text="Member Type Reference No. Title First Name Last Name City State Company Name Product Name Cost Review Rating Date Of Manufacture Date
of Review",)
self.lblLabel.grid(row=0, column=0)
self.txtFrameDetail=Text(FrameDetail,font=('arial',12,'bold'),width=121,height=4,padx=2, pady=4)
self.txtFrameDetail.grid(row=1,column=0)
#=====Buttons=====
self.btnDisplayData=Button(ButtonFrame, text='Display Review', font=('arial',12,'bold'),width=20, bd=4,command=iDisplayData)
self.btnDisplayData.grid(row=0,column=1)
self.btnDelete=Button(ButtonFrame, text='Delete Review', font=('arial',12,'bold'),width=20, bd=4,command=iDelete)
self.btnDelete.grid(row=0,column=2)
self.btnReset1=Button(ButtonFrame, text='Reset', font=('arial',12,'bold'),width=20, bd=4, command=iReset2)
self.btnReset1.grid(row=0,column=3)
self.btnExit1=Button(ButtonFrame, text='Exit', font=('arial',12,'bold'),width=20, bd=4, command=iEliminate)
self.btnExit1.grid(row=0,column=4)
self.btnSubmit=Button(ButtonFrame, text='Submit Review', font=('arial',12,'bold'),width=20, bd=4, command=iReceipt)
self.btnSubmit.grid(row=0,column=0)
#=====Frames=====
if __name__=="__main__":
    main()

```

Implementation of Scheduled Work of Project :-

Here, I have provided implementation of project in terms of its working and provide screenshots of designed web pages with proper explanation :-

<< Product Review Analysis for Genuine Rating >>

Product Review Analysis for Genuine Rating

Enter The Username :- 1234

Enter The Password :- 1234

Click On Login if you want to Login to your Review Account.

Click on Reset if you want to Reset.

Click on Exit if you want to Exit.

Do Your Registration and Give Your Personal Information and Proper Review on Various Products.

Product Review Analysis for Genuine Rating Info:

Type Of Review: Client
 Unique ID: 11111
 Title: Mr.
 First Name: Ashwani
 Last Name: Kumar
 City: Kolkata
 State: West Bengal
 Mobile Number: 8765432178
 Pin Code: 234567

Product Name: Mobile
 Name of the Company: Samsung
 Price (INR): Rs 10,000
 Date Of Manufacture: 10th January 2010
 Date of Review: 10th April 2020
 Storage Capacity (in GB/TB): 2GB
 Unique/Special Feature: High Pixel Camera
 Write a Review about The Product: Good
 Rate The Product (Out of 5 Stars): ****

Review Detail:

Smart Phone, Samsung
 Smart Phone, Oppo
 Smart Phone, Nokia
 Smart Phone, Apple
 Smart Phone, Redmi
 Laptop, HP
 Laptop, Dell
 Laptop, Asus
 Laptop, Acer
 Laptop, HCL

Member Type: Client
 Ref No: 11111
 Title: Mr.
 First Name: Ashwani
 Surname: Kumar
 City: Kolkata
 State: West Bengal
 Mobile No: 8765432178
 Pincode: 234567
 Review: Good
 Rating (Out of 5): ****
 Cost: Rs 10,000
 Storage Capacity: 2GB

Member Type	Reference No.	Title	First Name	Last Name	City	State	Company Name	Product Name	Cost	Review	Rating	Date Of Manufacture	Date of Review
Client	11111	Mr.	Ashwani	Kumar	Kolkata	West Bengal	8765432178	Samsung	Mobile	Good	****		

Submit Review Display Review Delete Review Reset Exit

Click on Submit Review if you want to Submit your Review on a Product.

Click on Display Review if you want to See Review.

Click on Delete Review if you want to Delete your Review on a Product.

Click on Reset if you want to Reset.

Click on Exit if you want to Exit.

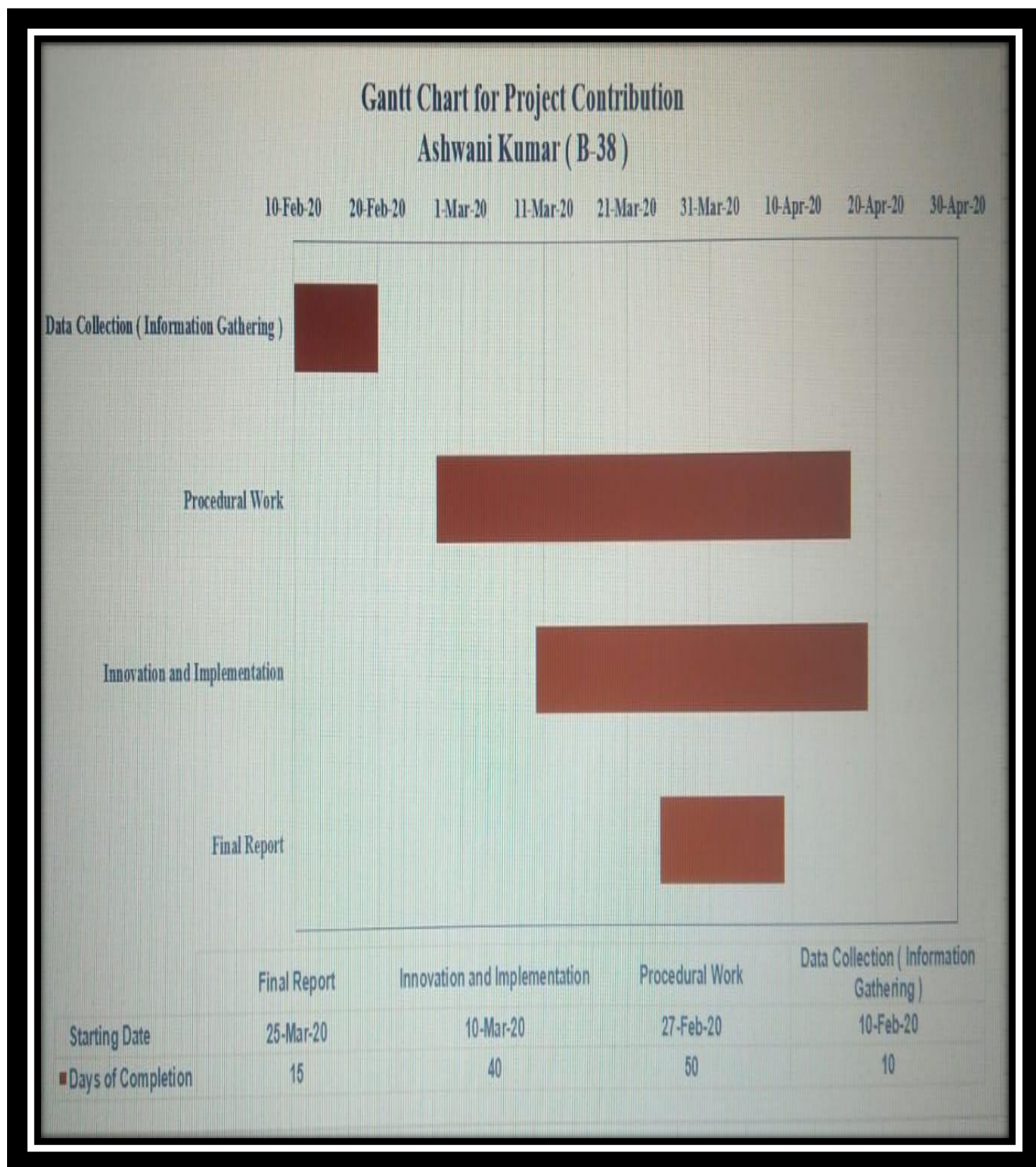
See Your Personal Information and your Review on a Product.

See the Review Detail og Various Products.

<< Product Review Analysis for Genuine Rating >>

Description of Work :-

It is all done by me from report to implementation everything has been performed and incorporated by either with the reference of Internet or What had been in the class of Artificial Intelligence.



<< Product Review Analysis for Genuine Rating >>

Technologies and Framework to be Used :-**Software Required :-**

- Any Python IDE i.e., Jupyter, or Spyder, or Pycharm

Libraries Used :-

- Any Python IDE
- An Application Of Classes and Object
- Mysql database
- GUI Application
- Embedding Tools of Classes and Objects in Python
- from tkinter import*
- from tkinter import ttk
- import random
- import sqlite3
- import time
- from datetime import datetime
- import tkinter.messagebox

SWOT Analysis Achieved in project :-

Here, I have explicitly cited an analysis of my project in terms of Strengths, Weaknesses, Opportunities and Threats. Strengths and Weaknesses refer to the internal capabilities of the project, i.e., are under its control, and should be regarded relative to competitors, whereas opportunities and threats are found in the external environment, usually outside the control of the project.

- ❖ **Strengths :-** During The Project Implementation, I have incorporated what I have learnt in Class and also referring from Internet. It was an challenging project but I made it with my heart and soul to it. The advantage of this project is that it's very much simple and understandable. I have used python language with various packets like GUI and SQL .
- ❖ **Weakness :-** During The Project Implementation, I have tried a lot to figure the how to do it and also the project was not realistic and reliable when I started but finally with proper guidance, I have able to overcome all the challenges towards my project.
- ❖ **Opportunities :-** The opportunity of making such project has boost my ability to make Technical Project and present myself in a better way.
- ❖ **Threats :-** The Fear was only that I should not loose my project due some inconsistency and ambiguity which can lead to the failure of my project.