# BVM GLOBAL BOLLINENI HILLSIDE SENIOR SECONDARY SCHOOL

Nookampalayam, Chennai – 600131





Project submitted to the Central Board of Secondary Education (CBSE) in partial fulfilment for the requirement of All India Senior School Certificate Examination (AISSCE) 2021-22, Department of Computer Science.

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Nookampalayam, Chennai-600131

## **BONAFIDE CERTIFICATE**

Certified to be the bonafide record	
	) of class XII in senior computer science
Date:	Teacher in Charge
v	ondary practical examination in computer Hillside Senior Secondary School held on
Internal Examiner	External Examiner
Date:	Signature of Principal

## **ACKNOWLEDGEMENT**

It is customary for me to acknowledge the contributions and suggestions received from various sources.

First of all, I would like to thank God almighty for giving me wisdom and knowledge to showcase my talent.

I am very thankful to my principal Mrs. Rohini Mahajan for giving me this golden opportunity to do this wonderful project.

I wish to acknowledge the tremendous amount of help received from my computer science teacher Mr. V.G. Suresh without whose help and encouragement it would not have been possible to complete this project. I wish to express my gratitude to all the non-teaching staffs who helped me to complete this project.

Whatever words I choose cannot sufficiently express my deep sense of gratitude towards my parents for their constant understanding, assistance, inspiration and moral support in completing this project.

I would also like to acknowledge my thanks to my friends for their support and timely help.

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## **ABSTRACT**

Our project 'Oorula Soru' is a food delivery application. It enables users to order food online using this application from various restaurants that would partner up with our company and get their food to their residence. The application would use MySQL as backend software to store the database and would use Python to form the basic user interface. The intent of this initiative is to support local businesses and uphold the vernacular culture of the residents.



Fig.1

### **OVERVIEW OF PYTHON**

Python is a high-level, interpreted, interactive and object-oriented scripting language. Python is designed to be highly readable. It uses English keywords frequently whereas the other languages use punctuations. It has fewer syntactical constructions than other languages.

- **Python is Interpreted** Python is processed at runtime by the interpreter. You do not need to compile your program before executing it. This is similar to PERL and PHP.
- **Python is Interactive** You can actually sit at a Python prompt and interact with the interpreter directly to write your programs.
- **Python is Object-Oriented** Python supports Object-Oriented style or technique of programming that encapsulates code within objects.
- **Python is a Beginner's Language** Python is a great language for the beginner-level programmers and supports the development of a wide range of applications from simple text processing to WWW browsers to games.

#### **History of Python**

Python was developed by Guido van Rossum in the late eighties and early nineties at the National Research Institute for Mathematics and Computer Science in the Netherlands.

- Python is derived from many other languages, including ABC, Modula-3, C, C++, Algol-68, SmallTalk, and Unix shell and other scripting languages.
- Python is copyrighted. Like Perl, Python source code is now available under the GNU General Public License (GPL).
- Python is now maintained by a core development team at the institute, although Guido van Rossum still holds a vital role in directing its progress.
- Python 1.0 was released in November 1994. In 2000, Python 2.0 was released. Python 2.7.11 is the latest edition of Python 2.
- Meanwhile, Python 3.0 was released in 2008. Python 3 is not backward compatible with Python 2. The emphasis in Python 3 had been on the removal of duplicate programming constructs and modules so that "There should be one -- and preferably only one -- obvious way to do it." Python 3.5.1 is the latest version of Python 3.

#### **Python Features**

Python's features include –

- **Easy-to-learn** Python has few keywords, simple structure, and a clearly defined syntax. This allows a student to pick up the language quickly.
- **Easy-to-read** Python code is more clearly defined and visible to the eyes.
- **Easy-to-maintain** Python's source code is fairly easy-to-maintain.

- **A broad standard library** Python's bulk of the library is very portable and cross-platform compatible on UNIX, Windows, and Macintosh.
- **Interactive Mode** Python has support for an interactive mode which allows interactive testing and debugging of snippets of code.
- **Portable** Python can run on a wide variety of hardware platforms and has the same interface on all platforms.
- **Extendable** You can add low-level modules to the Python interpreter. These modules enable programmers to add to or customize their tools to be more efficient.
- **Databases** Python provides interfaces to all major commercial databases.
- **GUI Programming** Python supports GUI applications that can be created and ported to many system calls, libraries and windows systems, such as Windows MFC, Macintosh, and the X Window system of Unix.
- **Scalable** Python provides a better structure and support for large programs than shell scripting.

Apart from the above-mentioned features, Python has a big list of good features. A, few are listed below –

- It supports functional and structured programming methods as well as OOP.
- It can be used as a scripting language or can be compiled to byte-code for building large applications.
- It provides very high-level dynamic data types and supports dynamic type checking.



Fig.2

## **SYSTEM SPECIFICATIONS**

#### **Windows:**

- Microsoft Windows 10/8/7/Vista/2003/XP (incl.64-bit)
- RAM:1 GB minimum / 2 GB recommended
- Minimum Screen Resolution: 1024x768
- Python 3.5 or higher, Jython, PyPy or IronPython

#### Mac:

- Mac OS X 10.8 or higher
- 1 GB RAM minimum / 2 GB RAM recommended
- Python 3.5 or higher, Jython, PyPy or IronPython

#### Linux:

- 512 MB RAM minimum, 1 GB RAM recommended
- 1024x768 minimum screen resolution
- Python 3.5 or higher, Jython, PyPy or IronPython



Fig.3

## **DATABASES USED**

## • FDBS (Food Items Database)

It stores the information of all the Names, Prices, Category of Different Food Items and Restaurants of our Oorula Soru Application.

## • <u>BANK (BANK Info Database)</u>

It stores the information of Bank Details like Funds Remaining, Stores the Transaction history while Using Our Oorula Soru Application.



Fig.4

## **MODULES**

- mysql.connector module
- prettytable module
- time module
- playsound module

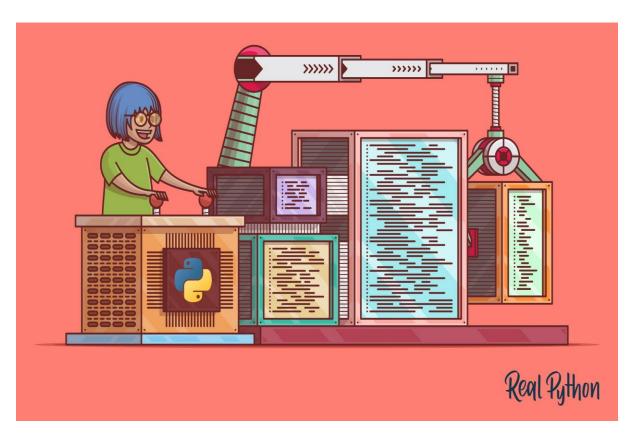


Fig.5

## **SOURCE CODE**

```
import mysql.connector as SQL
import prettytable as PT
import time
from playsound import playsound
playsound(r'E:\Class 12\Term - 2 (2021-22)\Computer Science\Cs Board Projects\Cs Project
(2021-22)\Music\Grateful_320(PagalWorld).mp3',False)
ts=time.time()
def SAL():
  consor.execute('USE bank')
  consor.execute('SELECT * FROM timer')
  var2=consor.fetchone()
  for i in var2:
    var1=i
  consor.execute('SELECT * FROM bank')
  var2=consor.fetchone()
  for i in var2:
    var3=i
  consor.execute('UPDATE bank SET Funds={}'.format(var3+round((ts-var1)*0.075),2))
def dprint(s):
  for z in s:
    print(z,end=",flush=False)
    time.sleep(0.03)
  print()
```

```
dprint('Connecting To Server...')
time.sleep(2)
def BAW():
  dprint('Connecting To Banking Server...')
  time.sleep(2)
  print()
  ch1=0
  while(ch1!=3):
    print()
    dprint('1.Account Details')
    dprint('2.Transaction History')
    dprint('3.Exit')
    ch1=int(input('Enter Choice: '))
    if(ch1==1):
       dprint(('Account Details','\n','*'*15))
       var1=PT.PrettyTable()
       var1.field_names=['Funds']
       consor.execute('USE bank')
       consor.execute('SELECT * FROM bank')
       var2=consor.fetchone()
       for i in var2:
          var1.add_row([str(i)])
       print(var1)
    elif(ch1==2):
```

```
var1=PT.PrettyTable()
       dprint(('Transaction','\n','*'*11))
       var1.field_names=['Transaction','Price']
       consor.execute('USE bank')
       consor.execute('SELECT * FROM trans')
       var2=consor.fetchall()
       for i in var2:
          var1.add_row([i[0],i[1]])
       print(var1)
    elif(ch1==3):
       break
    else:
       dprint('Invalid Entry')
def OF():
  var1=PT.PrettyTable()
  var1.field_names=['ID','Restaurant']
  consor.execute('USE fdbs')
  consor.execute('SHOW TABLES')
  var2=consor.fetchall()
  var3=1
  T=[]
  for i in var2:
    for j in i:
       var1.add_row([var3,j.title()])
```

```
T=T+[[str(var3),j.title()]]
     var3=var3+1
dprint((var1, \n'))
var2=0
while(1!=0):
  if(var2==1):
     break
  var3=input('Choose Restaurant ID/Name: ')
  for i in T:
     if(var2==1):
       break
    for j in i:
       if(var3.lower()==j.lower()):
          print()
         dprint(i[1])
         dprint('*'*len(i[1]))
          var2=1
          var3=i[1].lower()
          break
  if(var2==0):
    dprint('Invalid Entry')
print()
dprint(('Menu', \'\''*'*4))
consor.execute('SELECT*FROM~\{\}'.format(var3))
```

```
var2=consor.fetchall()
var1=PT.PrettyTable()
var1.field_names=['ID','Food','Category','Price']
T=[]
for i in var2:
  var1.add_row([i[0],i[1],i[2],i[3]])
  T=T+[[i[0],i[1],i[2],i[3]]]
dprint((var1, \n'))
print()
var1=PT.PrettyTable()
var1.field_names=['SR.NO','ID','Food','Category','Price']
var5=0
var4=0
var6=0
T1=[]
count=1
while(1!=0):
  var2=input('Do you Want To Place An Order: Y/N: ')
  var4=0
  if(var2.upper()=='Y'):
    while(1!=0):
       if(var4==1):
          break
       var3=input('Enter Order ID/Name: ')
```

```
for i in T:
       if(var4==1):
          break
       for j in i:
          if(var3.lower()==str(j).lower()):
            var1.add\_row([str(count),i[0],i[1],i[2],i[3]])
            var5=var5+i[3]
            var4=1
            T1=T1+[[i[1],i[3]]]
            count = count + 1
            break
     if(var4==0):
       dprint('Invalid Entry')
elif(var2.upper()=='N'):
  if(T1==[]):
     while(1!=0):
       var6=0
       var4=input('Do You Want To Choose A Different Restaurant Y/N?: ')
       if(var4.upper()=='Y'):
          OF()
          var6=1
          break
       elif(var4.upper()=='N'):
          var6=1
```

```
break
     else:
       dprint('Invalid Entry')
if(var6==1):
  break
print()
dprint('Your Order:')
dprint((var1, \n'))
var1=PT.PrettyTable()
var1.field_names=['Funds']
consor.execute('USE bank')
consor.execute('SELECT * FROM bank')
var2=consor.fetchone()
for i in var2:
  var1.add_row([str(i)])
  fund=i
dprint('Funds Available:')
print(var1)
if(var5<fund or var5==fund):</pre>
  print()
  dprint(('Bill Amount:',var5))
  print()
  while(1!=0):
     dprint('Press N To Cancel')
```

```
var4=input('Press Y To Make Payment: ')
  if(var4.upper()=='Y'):
    dprint('Processing Payment...')
    time.sleep(2)
    consor.execute('UPDATE bank SET Funds = {}'.format(fund-var5))
    conobj.commit()
    dprint('Funds Available:')
    var1=PT.PrettyTable()
    consor.execute('SELECT * FROM bank')
    var2=consor.fetchone()
    var1.field_names=['Funds']
    for i in var2:
       var1.add_row([str(i)])
    print(var1)
    for i in T1:
       consor.execute('INSERT INTO trans VALUES("{}",{})'.format(i[0],i[1]))
       conobj.commit()
    break
  elif(var4.upper()=='N'):
    break
  else:
    dprint('Invalid Entry')
dprint('Not Enough Funds Order Cannot Be Placed')
```

else:

```
break
    else:
       dprint('Invalid Entry')
def RNM():
  var1=PT.PrettyTable()
  var1.field_names=['ID','Restaurant']
  consor.execute('USE fdbs')
  consor.execute('SHOW TABLES')
  var2=consor.fetchall()
  var3=1
  T=[]
  for i in var2:
    for j in i:
       var1.add_row([var3,j.title()])
       T=T+[[str(var3),j.title()]]
       var3=var3+1
  dprint((var1, \n'))
  while(1!=0):
    var3=input('Do you Want To Order Food Y/N: ')
    if(var3.upper()=='Y'):
       OF()
       break
    elif(var3.upper()=='N'):
       break
```

```
else:
       dprint('Invalid Entry')
def MISC():
  ch1=0
  while(ch1!=3):
    print()
    dprint('1.Developer Information')
     dprint('2.EULA')
     dprint('3.News')
     dprint('4.Exit')
    ch1=int(input('Enter Choice: '))
    if(ch1==1):
       dprint('Chief Programmer: Varshan Manish')
       dprint('Associate Programmers: Selva Karthik (and) Roshan Parvatam')
       dprint('All Rights Reserved')
       print()
    elif(ch1==2):
       dprint("End-User License Agreement ("Agreement")
Last updated: January 06, 2022
Please read this End-User License Agreement carefully before clicking the "I Agree" button,
downloading or using Oorula Soru.
Interpretation and Definitions
Interpretation
```

The words of which the initial letter is capitalized have meanings defined under the following conditions. The following definitions shall have the same meaning regardless of whether they

appear in singular or in plural.

**Definitions** 

For the purposes of this End-User License Agreement:

Agreement means this End-User License Agreement that forms the entire agreement between

You and the Company regarding the use of the Application. This Agreement has been created

with the help of the EULA Generator.

Application means the software program provided by the Company downloaded by You to a

Device, named Oorula Soru

Company (referred to as either "the Company", "We", "Us" or "Our" in this Agreement)

refers to Oorula Soru.

Content refers to content such as text, images, or other information that can be posted,

uploaded, linked to or otherwise made available by You, regardless of the form of that

content.

Country refers to: Tamil Nadu, India

Device means any device that can access the Application such as a computer, a cellphone or a

digital tablet.

Third-Party Services means any services or content (including data, information, applications

and other products services) provided by a third-party that may be displayed, included or

made available by the Application.

You means the individual accessing or using the Application or the company, or other legal

entity on behalf of which such individual is accessing or using the Application, as applicable.

Acknowledgment

By clicking the "I Agree" button, downloading or using the Application, You are agreeing to be bound by the terms and conditions of this Agreement. If You do not agree to the terms of this Agreement, do not click on the "I Agree" button, do not download or do not use the Application.

This Agreement is a legal document between You and the Company and it governs your use of the Application made available to You by the Company.

The Application is licensed, not sold, to You by the Company for use strictly in accordance with the terms of this Agreement.

#### License

Scope of License

The Company grants You a revocable, non-exclusive, non-transferable, limited license to download, install and use the Application strictly in accordance with the terms of this Agreement.

The license that is granted to You by the Company is solely for your personal, non-commercial purposes strictly in accordance with the terms of this Agreement.

#### Third-Party Services

The Application may display, include or make available third-party content (including data, information, applications and other products services) or provide links to third-party websites or services.

You acknowledge and agree that the Company shall not be responsible for any Third-party Services, including their accuracy, completeness, timeliness, validity, copyright compliance, legality, decency, quality or any other aspect thereof. The Company does not assume and shall not have any liability or responsibility to You or any other person or entity for any Third-party Services.

You must comply with applicable Third parties' Terms of agreement when using the Application. Third-party Services and links thereto are provided solely as a convenience to You and You access and use them entirely at your own risk and subject to such third parties' Terms and conditions.

#### Term and Termination

This Agreement shall remain in effect until terminated by You or the Company. The Company may, in its sole discretion, at any time and for any or no reason, suspend or terminate this Agreement with or without prior notice.

This Agreement will terminate immediately, without prior notice from the Company, in the event that you fail to comply with any provision of this Agreement. You may also terminate this Agreement by deleting the Application and all copies thereof from your Device or from your computer.

Upon termination of this Agreement, You shall cease all use of the Application and delete all copies of the Application from your Device.\

Termination of this Agreement will not limit any of the Company's rights or remedies at law or in equity in case of breach by You (during the term of this Agreement) of any of your obligations under the present Agreement.

#### Indemnification

You agree to indemnify and hold the Company and its parents, subsidiaries, affiliates, officers, employees, agents, partners and licensors (if any) harmless from any claim or demand, including reasonable attorneys' fees, due to or arising out of your: (a) use of the Application; (b) violation of this Agreement or any law or regulation; or (c) violation of any right of a third party.

#### No Warranties

The Application is provided to You "AS IS" and "AS AVAILABLE" and with all faults and defects without warranty of any kind. To the maximum extent permitted under applicable law, the Company, on its own behalf and on behalf of its affiliates and its and their respective licensors and service providers, expressly disclaims all warranties, whether express, implied, statutory or otherwise, with respect to the Application, including all implied warranties of merchantability, fitness for a particular purpose, title and non-infringement, and warranties that may arise out of course of dealing, course of performance, usage or trade practice. Without limitation to the foregoing, the Company provides no warranty or undertaking, and makes no representation of any kind that the Application will meet your requirements, achieve any intended results, be compatible or work with any other software, applications, systems or services, operate without interruption, meet any performance or reliability standards or be error free or that any errors or defects can or will be corrected.

Without limiting the foregoing, neither the Company nor any of the company's provider makes any representation or warranty of any kind, express or implied: (i) as to the operation or availability of the Application, or the information, content, and materials or products included thereon; (ii) that the Application will be uninterrupted or error-free; (iii) as to the accuracy, reliability, or currency of any information or content provided through the Application; or (iv) that the Application, its servers, the content, or e-mails sent from or on behalf of the Company are free of viruses, scripts, trojan horses, worms, malware, timebombs or other harmful components.

Some jurisdictions do not allow the exclusion of certain types of warranties or limitations on applicable statutory rights of a consumer, so some or all of the above exclusions and limitations may not apply to You. But in such a case the exclusions and limitations set forth in this section shall be applied to the greatest extent enforceable under applicable law. To the extent any warranty exists under law that cannot be disclaimed, the Company shall be solely responsible for such warranty.

#### Limitation of Liability

Notwithstanding any damages that You might incur, the entire liability of the Company and any of its suppliers under any provision of this Agreement and your exclusive remedy for all of the foregoing shall be limited to the amount actually paid by You for the Application or through the Application or 100 USD if You haven't purchased anything through the Application.

To the maximum extent permitted by applicable law, in no event shall the Company or its suppliers be liable for any special, incidental, indirect, or consequential damages whatsoever (including, but not limited to, damages for loss of profits, loss of data or other information, for business interruption, for personal injury, loss of privacy arising out of or in any way related to the use of or inability to use the Application, third-party software and/or third-party hardware used with the Application, or otherwise in connection with any provision of this Agreement), even if the Company or any supplier has been advised of the possibility of such damages and even if the remedy fails of its essential purpose.

Some states/jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to You.

#### Severability and Waiver

#### Severability

If any provision of this Agreement is held to be unenforceable or invalid, such provision will be changed and interpreted to accomplish the objectives of such provision to the greatest extent possible under applicable law and the remaining provisions will continue in full force and effect.

#### Waiver

Except as provided herein, the failure to exercise a right or to require performance of an obligation under this Agreement shall not effect a party's ability to exercise such right or

require such performance at any time thereafter nor shall the waiver of a breach constitute a waiver of any subsequent breach.

#### **Product Claims**

The Company does not make any warranties concerning the Application.

#### United States Legal Compliance

You represent and warrant that (i) You are not located in a country that is subject to the United States government embargo, or that has been designated by the United States government as a "terrorist supporting" country, and (ii) You are not listed on any United States government list of prohibited or restricted parties.

#### Changes to this Agreement

The Company reserves the right, at its sole discretion, to modify or replace this Agreement at any time. If a revision is material we will provide at least 30 days' notice prior to any new terms taking effect. What constitutes a material change will be determined at the sole discretion of the Company.

By continuing to access or use the Application after any revisions become effective, You agree to be bound by the revised terms. If You do not agree to the new terms, You are no longer authorized to use the Application.

#### Governing Law

The laws of the Country, excluding its conflicts of law rules, shall govern this Agreement and your use of the Application. Your use of the Application may also be subject to other local, state, national, or international laws.

Entire Agreement

The Agreement constitutes the entire agreement between You and the Company regarding your use of the Application and supersedes all prior and contemporaneous written or oral agreements between You and the Company.

You may be subject to additional terms and conditions that apply when You use or purchase other Company's services, which the Company will provide to You at the time of such use or purchase.

Contact Us

If you have any questions about this Agreement, You can contact Us:

By email: OorulaSoru@ORS.com

```
By phone number: 8778575342"')

elif(ch1==3):

consor.execute('SELECT * FROM NAD')

var1=consor.fetchall()

var2=PT.PrettyTable()

var2.field_names=['SR.NO','Content']

for i in var1:

var2.add_row([i[0],i[1]])

print(var2)

elif(ch1==4):

break
```

```
else:
       dprint('Invalid Entry')
conobj=SQL.connect(host='localhost',user='root',passwd='SelvaKarthik@13579@24680')
consor=conobj.cursor()
if conobj.is_connected():
  print()
  dprint('Connectivity Established')
else:
  dprint('Connection Failed')
SAL()
ch=0
while(ch!=6):
  print()
  dprint(('\n','\t'*4,'OORULA SORU','\n','\t'*4,'*********'))
  print()
  dprint('1.Restaurants Near Me')
  dprint('2.Order Food')
  dprint('3.Banking Details')
  dprint('4.Miscellaneous')
  dprint('5.Exit')
  print()
  ch=int(input('Enter Choice: '))
  if(ch==1):
    RNM()
```

```
elif(ch==2):
  OF()
elif(ch==3):
  BAW()
elif(ch==4):
  MISC()
elif(ch==5):
  dprint('Thank You For Using Oorula Soru')
  te=time.time()
  consor.execute('USE bank')
  consor.execute('SELECT * FROM bank')
  var2=consor.fetchone()
  for i in var2:
    var1=i
  consor.execute('UPDATE bank SET Funds={}'.format(var1+round((te-ts)*0.075,2)))
  conobj.commit()
  consor.execute('UPDATE timer SET time_end={ }'.format(te))
  conobj.commit()
  conobj.close()
  break
else:
  dprint('Invalid Entry')
```

### **OUTPUT**

```
Connecting To Server...

Connectivity Established

OORULA SORU

**********

1.Restaurants Near Me
2.Order Food
3.Banking Details
4.Miscellaneous
5.Exit
```

Fig. 6.1: Starting of Oorula Soru Application

```
Enter Choice: 1
| ID |
                Restaurant
  1
             Baskin_Robins
       Delhi_Highway_Restaurant
Dindigul_Thalappakatti
  3
                 Dominos
  6
                Itc_Grand
                Mcdonalds
  8
                Sangeetha
  9
                Star Bucks
  10
                  Zhouyu
Do you Want To Order Food Y/N: Y
```

Fig 6.2: Searching Nearby Restaurants

```
| ID |
              Restaurant
 1
                 A2B
            Baskin_Robins
 2
      Delhi_Highway_Restaurant
 3
 4
       Dindigul_Thalappakatti
               Dominos
  6
              Itc_Grand
  7
              Mcdonalds
  8
              Sangeetha
  9
              Star_Bucks
 10
                Zhouyu
Choose Restaurant ID/Name: 5
Dominos
Menu
****
```

Fig 6.3: Choosing Restaurants

ID	Food	Category	Price
1	Margherita Pizza	Pizza	220.0
2	Pepper Barbecue Chicken	Pizza	420.0
3	Indo-Fusion Chicken Pizza	Pizza	660.0
4	Farm House	Pizza	420.0
5	Veggie Paradise	Pizza	420.0
6	Spiced Double Chicken	Pizza	520.0
7	Indie Chicken Tikka	Pizza	600.0
8	Mexican Green Wave	Pizza	420.0
9	Chicken Fiesta	Pizza	500.0
10	Dominos Lava Cake	Dessert	100.0
11	Coca Cola	Soft Drink	60.0
12	Pepsi	Soft Drink	60.0
13	Cheese Garlic Bread	Starters	160.0
14	Butterscotch Mousse Cake	Starters	100.0
15	Ice Cream	Ice Cream	100.0

Fig 6.4: Viewing Menu Card

```
Do you Want To Place An Order: Y/N: y
Enter Order ID/Name: 6
Do you Want To Place An Order: Y/N: Y
Enter Order ID/Name: 13
Do you Want To Place An Order: Y/N: y
Enter Order ID/Name: Pepsi
Do you Want To Place An Order: Y/N: n
Your Order:
  SR.NO | ID |
                                   | Category | Price
       6 | Spiced Double Chicken | Pizza
                                                 520.0
        | 13 | Cheese Garlic Bread |
                                                 160.0
                                     Starters
        12
                     Pepsi
                                   | Soft Drink | 60.0
Funds Available:
Funds
839123
```

Fig 6.5: Ordering Food Items

Fig 6.6: Making Payment and Viewing Remaining Funds

```
Enter Choice: 2
| ID |
             Restaurant
 1
                A2B
           Baskin_Robins
 2
     | Delhi_Highway_Restaurant
 3
 4
      Dindigul_Thalappakatti
              Dominos
 6
             Itc Grand
 7
             Mcdonalds
 8
             Sangeetha
  9
             Star_Bucks
 10
               Zhouyu
Choose Restaurant ID/Name: Star_Bucks
Star_Bucks
Menu
```

Fig 6.7: Choosing Restaurants

```
| ID |
                     Food
                                        | Category | Price |
 1
                 Cappuccino
                                          Beverage
                                                     260.0
                  Cafe Mocha
                                          Beverage
                                                     270.0
                                          Beverage
 3
                   Espresso
                                                     210.0
    Double Chocolate Chip Frappuccino
                                          Beverage
                                                     330.0
                                                     400.0
 5
               Hathikuli Tea
                                          Beverage
          Vanilla Cream Cappuccino
                                          Beverage
                                                     295.0
             Ice Cafe Americano
                                          Beverage
                                                     215.0
                  Flat White
                                          Beverage
 8
                                                     295.0
 9
            Java Chip Frappuccino
                                          Beverage
                                                     300.0
              Caramel Macchiato
                                                     295.0
 10
                                          Beverage
 11
               Butter Croissant
                                          Dessert
                                                     205.0
 12
               Green Tea Latte
                                          Beverage
                                                     240.0
 13
             Espresso Frappuccino
                                          Beverage
                                                     300.0
 14
       Egg White And Chicken Croissant
                                                     295.0
                                          Starter
 15 I
               Almond Croissant
                                          Starters
                                                     235.0
```

Fig 6.8: Viewing Menu Card

```
Do you Want To Place An Order: Y/N: y
Enter Order ID/Name: 4
Do you Want To Place An Order: Y/N: y
Enter Order ID/Name: Flat White
Do you Want To Place An Order: Y/N: n
Your Order:
SR.NO | ID |
                           Food
                                            | Category | Price |
             Double Chocolate Chip Frappuccino | Beverage | 330.0
       8
                                      | Beverage | 295.0
                    Flat White
Funds Available:
Funds
838383
Bill Amount:625.0
```

Fig 6.9: Making Payment

Fig 6.10: Viewing Remaining Funds

```
1.Account Details
2.Transaction History
3.Exit
Enter Choice: 2
Transaction
            Transaction
                                    Price
       Cheese Garlic Bread
                                       160
                                       290
          Chicken Briyani
       Choco Lava Cake Sundae
                                       200
   Fabelle Ganache-Rich Dark (1 Pc)
                                       740
  Hersheys Kisses Caramel Ice Cream
                                       100
           Paneer Briyani
                                       240
               Pepsi
                                        60
        Spiced Double Chicken
                                       520
1.Account Details
2.Transaction History
3.Exit
Enter Choice: 3
```

Fig 6.11: Viewing Transaction History

```
OORULA SORU
**********

1.Restaurants Near Me
2.Order Food
3.Banking Details
4.Miscellaneous
5.Exit

Enter Choice: 4

1.Developer Information
2.EULA
3.News
4.Exit
Enter Choice: 1
Chief Programmer: Varshan Manish
Associate Programmers: Selva Karthik (and) Roshan Parvatam
All Rights Reserved
```

```
1.Developer Information
2.EULA
3.News
4.Exit
Enter Choice: 3
( : FURTURE UPDATES
| SR.NO |
                          Content
   1
                       Search Feature
    2
             Recommended Food & Personalization
    3
          Food Wastage Prevention/Charity Donation
    4
                       Order Tracker
For More Details Contact : OorulaSoru@ORS.com
By Phone : 8778575342
```

Fig 6.12: Viewing Future Updates

```
1.Developer Intormation
2.EULA
3.News
4.Exit
Enter Choice: 2
End-User License Agreement ("Agreement")
Last updated: January 06, 2022
Please read this End-User License Agreement carefully before clicking the "I Agree" button, downloading
or using Oorula Soru.
Interpretation and Definitions
Interpretation
The words of which the initial letter is capitalized have meanings defined under the following condition
s. The following definitions shall have the same meaning regardless of whether they appear in singular o
r in plural.
Definitions
For the purposes of this End-User License Agreement:
Agreement means this End-User License Agreement that forms the entire agreement between You and the Comp
any regarding the use of the Application. This Agreement has been created with the help of the EULA Gene
Application means the software pr
```

Fig 6.13: Viewing EULA of Oorula Soru

```
OORULA SORU
*********

1.Restaurants Near Me
2.Order Food
3.Banking Details
4.Miscellaneous
5.Exit

Enter Choice: 5
Thank You For Using Oorula Soru
>>> |
```



Fig 6.14: Closing Oorula Soru Application

## **CONCLUSION**

- This Software helps people all over the world to taste food of Different Cultures and regional groups and dictate the perceptions of quality cuisines
- Find top restaurants and stores in your city, 30+ cuisines to choose from, Late Night Delivery Services.
- Explore collections like Best Safety Standards, Veg Only, Healthy Food, Pocket Friendly, Premium, and more.



Fig.7

## **SHORTCOMINGS AND FUTURE ENHANCEMENTS**

This Software Can be Extended to much Higher Versions by adding few elements like Ingredients and description about each and every food item, Interconnection of Real Time Maps, adding additional Features of ordering Grocery items, Fast and Easy Payments, Graphics Shall be Enhanced by adding Attractive Templates and many more.



Fig.8



Fig.9

## **BIBLIOGRAPHY / WEBLIOGRAPHY**

## **Websites:**

https://www.geeksforgeeks.org/

https://www.w3resource.com/python.php

https://www.programiz.com/python-programming/time

https://www.termsfeed.com/privacy-policy-generator/

https://pypi.org/project/pip/

www.google.co.in

## **Books:**

Computer Science with Python by Sumita Arora

## **Other Sources:**

Python 3.8 Help Section