

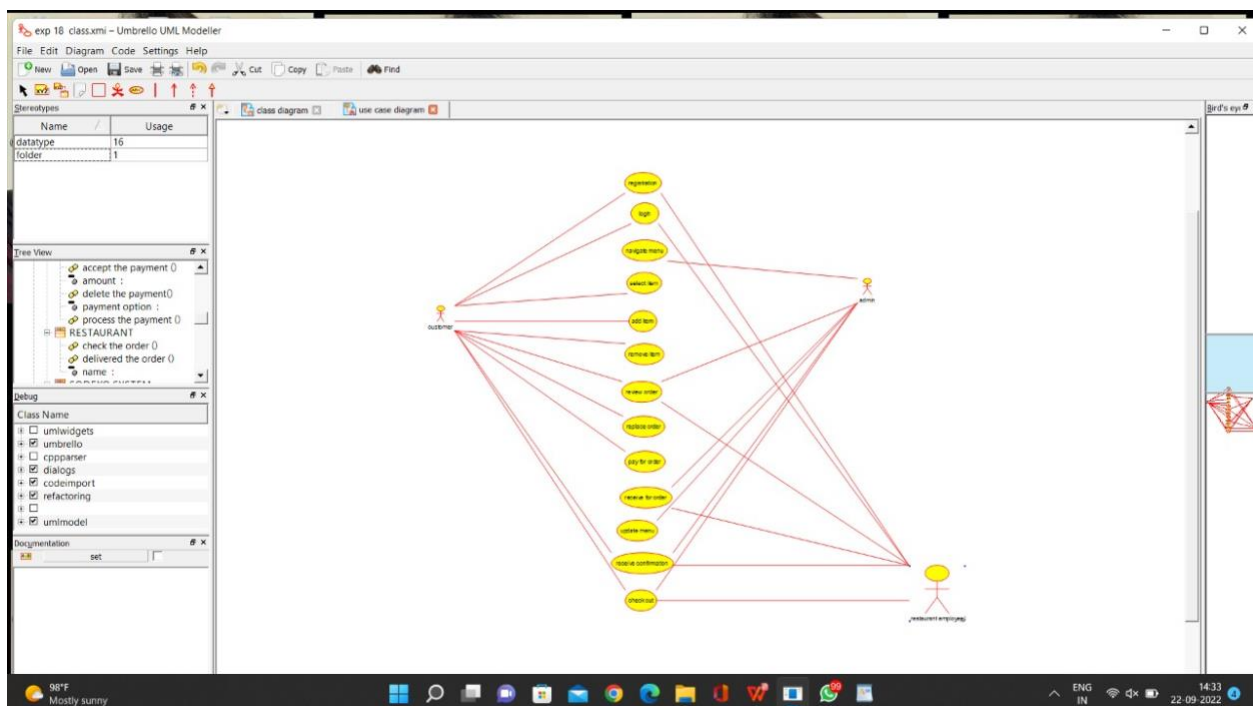
Name: B.Aravinda Valli

Reg No : 192011442

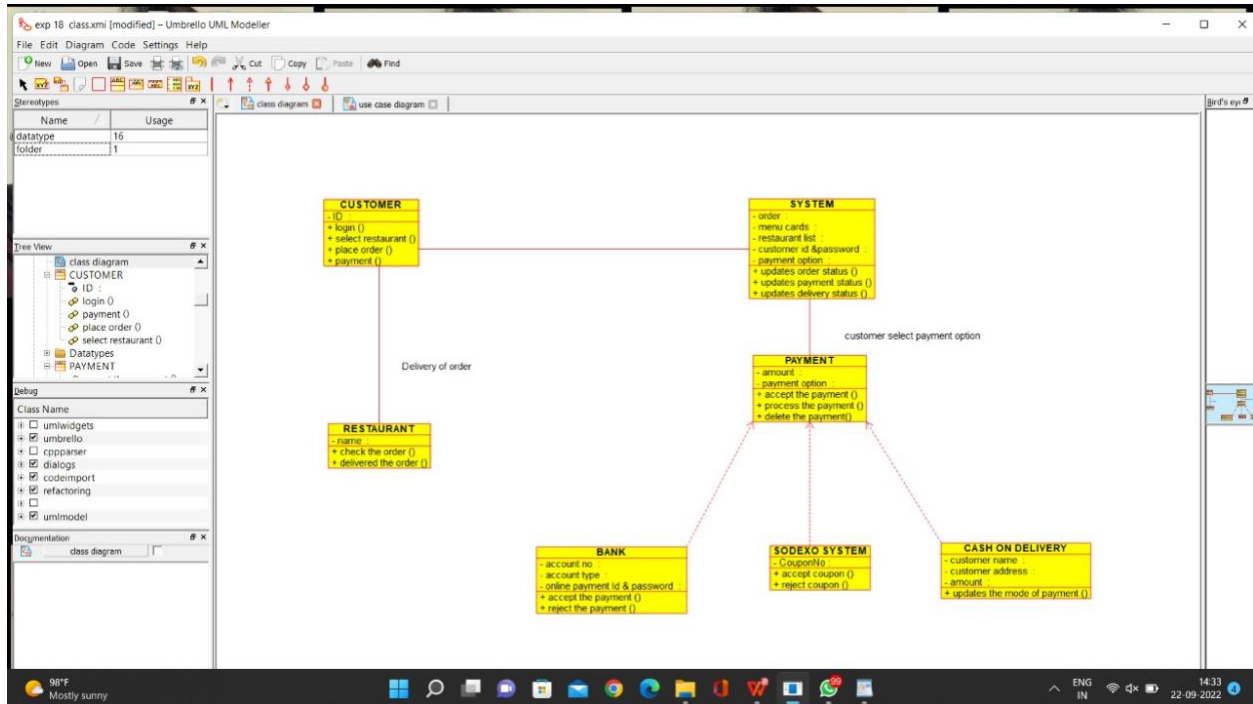
Experiment-18

Food order system

USE CASE DIAGRAM:



CLASS DIAGRAM:



#

coding=Sy

stem

from

PAYMENT

import *

class

BANK(obj

ect):

"""

:version:

:author:

"""

"""

ATTRIBUT

ES

account_

no_

(private)

account_t

ype_

(private)

#

coding=Sy

stem

from

PAYMENT

import *

class

CASH_ON

_DELIVER

Y(object):

"""

:version:

:author:

"""

""

ATTRIBUT
ES

customer
name
(private)

customer
_address
—
(private)

amount_
(private)

```
"""
```

```
def
```

```
updates_t
```

```
he_mode
```

```
_of_paym
```

```
ent_(self)
```

```
:
```

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
#
```

```
coding=Sy
```

```
stem
```

```
from
```

```
SYSTEM
```

```
import *
```

```
from
RESTAUR
ANT
import *
```

```
class
CUSTOME
R(object):
```

```
"""
```

```
:version:
```

```
:author:
```

```
"""
```

```
"""
```

```
ATTRIBUT
ES
```

```
ID_  
(private)
```

```
"""
```

```
def  
login_(sel  
f):  
    """
```

```
@return  
:
```

```
@author  
    """  
  
    pass
```

```
def  
select_res  
taurant_  
self):
```



```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
def
```

```
place_ord
```

```
er_(self):
```

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

pass

```
def
payment_
(self):
    """
```

```
@return
:
```

```
@author
    """
    pass
```

```
#
coding=Sy
stem

from
PERMISSI
ON_CLAS
S import
*
```

class

CUSTOME

R_CLASS

(PERMISSI

ON_CLAS

S):

"""

:version:

:author:

"""

"""

ATTRIBUT

ES

ID

(private)

```
name
(private)
```

```
mobile_a
nd_addre
ss
(private)
```

```
"""
```

```
def
add_cust
omer_(sel
f):
"""
```

@return

:

@author

"""

pass

def

edit_cust

omer_(sel

f):

"""

@return

:

@author

"""

pass

```
def
delete_cu
stomer_(s
elf):
    """
```

```
@return
:
```

```
@author
    """
    pass
```

```
def
search_cu
stomer_(s
elf):
    """
```

@return

:

@author

""

pass

#

coding=Sy

stem

class

DRIVING_

LICENSE_

CLASS(obj

ect):

""

:version:

:author:

""

""

ATTRIBUT
ES

type_
(private)

name_
(private)

ID
(private)

""


```
def
add_drivi
ng_licens
e_(self):

    """
```

```
@return

:
```

```
@author

    """

    pass
```

```
def
edit_drivi
ng_licens
e_(self):

    """
```

@return

:

@author

"""

pass

def

delete_dr

iving_lice

nse_(self)

:

"""

@return

:

@author

"""

pass

```
def
search_dr
iving_lice
nse_(self)
:
"""
```

```
@return
:
```

```
@author
"""
pass
```

```
#
coding=Sy
stem
```

```
class
DRIVING_
LICENSE_
CLASS(obj
ect):
```

""

:version:

:author:

""

""

ATTRIBUT

ES

type_

(private)

name_

(private)

```
ID
(private)
```

```
"""
```

```
def
add_drivi
ng_licens
e_(self):
"""
```

```
@return
:
```

```
@author
"""
```

```
pass
```

```
def
edit_drivi
ng_licens
e_(self):
    """
```

```
@return
:
```

```
@author
    """
    pass
```

```
def
delete_dr
iving_lice
nse_(self)
:
    """
```

@return

:

@author

"""

pass

def

search_dr

iving_lice

nse_(self)

:

"""

@return

:

@author

"""

pass

#

coding=Sy

stem

class

PERMISSI

ON_CLAS

S(object):

"""

:version:

:author:

"""

"""

ATTRIBUT

ES


```
ID_  
(private)
```

```
role_  
(private)
```

```
title_  
(private)
```

```
"""
```

```
def  
add_per  
mission_  
self):  
"""
```

@return

:

@author

"""

pass

def

edit_per

mission_(

self):

"""

@return

:

@author

"""

pass

```
def
delete_pe
rmission_
(self):
    """
```

```
@return
:
```

```
@author
    """
    pass
```

```
def
search_p
ermission
_(self):
    """
```

@return

:

@author

""

pass

#

coding=Sy

stem

from

PERMISSI

ON_CLAS

S import

*

class

REGISTRA

TION_CLA

SS

(PERMISSI

ON_CLAS

S):

""

:version:

:author:

""

""

ATTRIBUT
ES

ID_
(private)

customer
—
(private)

```
number_  
(private)
```

```
name  
(private)
```

```
type_  
(private)
```

```
"""
```

```
def  
add_regis  
tration_(s  
elf):  
    """
```

@return

:

@author

""

pass

def

edit_regis

tration_(s

elf):

""

@return

:

@author

""

pass

```
def
delete_re
gistration
_(self):
    """
```

```
@return
:
```

```
@author
    """
    pass
```

```
def
search_re
gistration
_(self):
    """
```


@return

:

@author

""

pass

#

coding=Sy

stem

class

ROLE_CL

ASS(objec

t):

""

:version:

:author:

""

""

ATTRIBUT
ES

ID
(private)

title_
(private)

descriptio
n_
(private)

""

```
def
add_role_
(self):
    """
```

```
@return
:
```

```
@author
    """
    pass
```

```
def
edit_role
_(self):
    """
```

@return

:

@author

"""

pass

def

delete_ro

le_(self):

"""

@return

:

@author

"""

pass

```
def
search_ro
le_(self):
    """
```

```
@return
:
```

```
@author
    """
    pass
```

```
def
assign_rol
e_(self):
    """
```

```
@return
:
```

@author

"""

pass

#

coding=Sy

stem

class

USER(obj

ect):

"""

:version:

:author:

"""

"""

ATTRIBUT

ES

```
ID_  
(private)
```

```
"""
```

```
def  
name_(se  
lf):  
    """
```

```
@return  
:
```

```
@author
```

```
"""
```

```
pass
```

```
def
email_(se
lf):
    ""
```

```
@return
:
```

```
@author
    ""
    pass
```

```
def
password
_(self):
    ""
```

```
@return
:
```


@author

"""

pass

def

Cv_uploa

d_(self):

"""

@return

:

@author

"""

pass

def

mobile_n

umber_(s

elf):

"""

@return

:

@author

"""

pass

#

coding=Sy

stem

from

PERMISSI

ON_CLAS

S import

*

class

VEHICLE_

CLASS(obj

ect):

""

:version:

:author:

""

""

ATTRIBUT

ES

Id

(private)

type_

(private)

```
number_  
(private)
```

```
customer  
_id_  
(private)
```

```
"""
```

```
def  
add_vehi  
cle_(self):  
    """
```

```
@return  
:
```

@author

"""

pass

def

edit_vehi

cle_(self):

"""

@return

:

@author

"""

pass

def

delete_ve

hicle_(self

):

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
def
```

```
search_ve
```

```
hicle_(self
```

```
):
```

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
#
```

```
coding=Sy
```

```
stem
```

```
from
```

```
PERMISSI
```

```
ON_CLAS
```

```
S import
```

```
*
```

```
class
```

```
VEHICLE_
```

```
TYPE_CLA
```

```
SS
```

```
(PERMISSI
```

```
ON_CLAS
```

```
S):
```

```
"""
```

```
#
```

```
coding=Sy
```

```
stem
```

class

PAYMENT

(object):

"""

:version:

:author:

"""

"""

ATTRIBUT

ES

amount_

(private)


```
payment_  
option_  
(private)
```

```
"""
```

```
def  
accept_th  
e_payme  
nt_(self):
```

```
"""
```

```
@return  
:
```

```
@author
```

```
"""
```

```
pass
```

```
def
process_t
he_paym
ent_(self)
:
"""
```

```
@return
:
```

```
@author
"""
pass
```

```
def
delete_th
e_payme
nt(self):
"""
```

@return

:

@author

""

pass

#

coding=Sy

stem

class

RESTAUR

ANT(obje

ct):

""

:version:

:author:

""

"""

ATTRIBUT
ES

name_
(private)

"""

def
check_th
e_order_
self):

"""

@return
:

@author

```
"""
```

```
pass
```

```
def
```

```
delivered
```

```
_the_ord
```

```
er_(self):
```

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
#
```

```
coding=Sy
```

```
stem
```

```
from
```

```
PAYMENT
```

```
import *
```

```
class
SODEXO_
SYSTEM(o
bject):
```

```
"""
```

```
:version:
```

```
:author:
```

```
"""
```

```
"""
```

```
ATTRIBUT
ES
```

```
CouponN
```

```
o
```

```
(private)
```

```
"""
```

```
def
```

```
accept_co
```

```
upon_(sel
```

```
f):
```

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
def
```

```
reject_co
```

```
upon_(sel
```

```
f):
```

```
"""
```

@return

:

@author

"""

pass

#

coding=Sy

stem

from

PAYMENT

import *

class

SYSTEM(o

bject):

"""

:version:

:author:

""

""

ATTRIBUT

ES

order_

(private)

menu_car

ds_

(private)

restauran

```
t_list_  
(private)
```

```
customer  
_id_pass  
word_  
(private)
```

```
payment_  
option_  
(private)
```

```
""""
```

```
def  
updates_  
order_sta  
tus_(self):
```

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
def
```

```
updates_
```

```
payment_
```

```
status_(s
```

```
elf):
```

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
def
```

```
updates_
```

```
delivery_s
```

```
tatus_(sel
```

```
f):
```

```
"""
```

```
@return
```

```
:
```

```
@author
```

```
"""
```

```
pass
```

```
online_pa  
yment_Id  
_passwor  
d_  
(private)
```

```
"""
```

```
def  
accept_th  
e_payme  
nt(self):
```

```
"""
```

```
@return  
:
```

```
@author
```

```
"""
```

```
pass
```

```
def
reject_th
e_payme
nt_(self):
    ""
```

```
@return
:
```

```
@author
    ""
    pass
```