B. Aravinda valli tayar
192011442
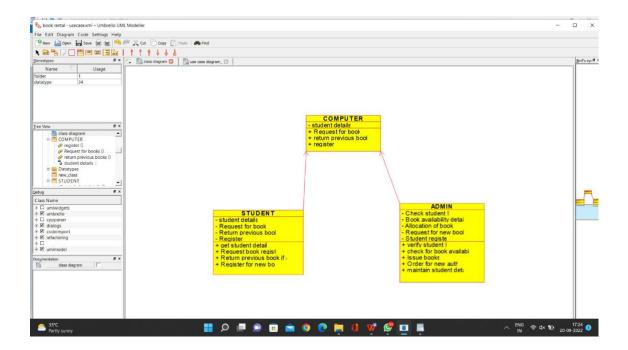**Object oriented analysis and design lab practical.**

Book Bank system : Exp – 2

# coding=System
from COMPUTER import *

class ADMIN(object):

 """

 :version:
 :author:
 """

 """ ATTRIBUTES

 Check_student_ID_ (private)

 Book_availability_details_ (private)

 Allocation_of_books_ (private)

 Request_for_new_books_ (private)

 Student_register_ (private)

 """

 def verify_student_ID_(self):
  """

  @return :
  @author

```python
        """
        pass

    def check_for_book_availability_(self):
        """


        @return  :
        @author
        """
        pass

    def Issue_books_(self):
        """


        @return  :
        @author
        """
        pass

    def Order_for_new_author_(self):
        """


        @return  :
        @author
        """
        pass

    def maintain_student_detail_(self):
        """


        @return  :
        @author
        """
        pass

# coding=System

class COMPUTER(object):

    """


    :version:
    :author:
    """

    """ ATTRIBUTES
```

```python
        student_details_  (private)

    """

    def Request_for_books_(self):
        """


        @return  :
        @author
        """
        pass

    def return_previous_books_(self):
        """


        @return  :
        @author
        """
        pass

    def register_(self):
        """


        @return  :
        @author
        """
        pass
# coding=System
from COMPUTER import *

class STUDENT(object):

    """


    :version:
    :author:
    """

    """ ATTRIBUTES


    student_details_  (private)
```

Request_for_books_ (private)

Return_previous_books_ (private)

Register_ (private)

"""

def get_student_details_(self):
 """

 @return :
 @author
 """
 pass

def Request_book_register_(self):
 """

 @return :
 @author
 """
 pass

def Return_previous_book_if_any_(self):
 """

 @return :
 @author
 """
 pass

def Register_for_new_book_(self):
 """

 @return :
 @author
 """
 Pass

Class diagram :

Use case diagram :