

**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
```

```

    """
    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

```

```

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):  
 """

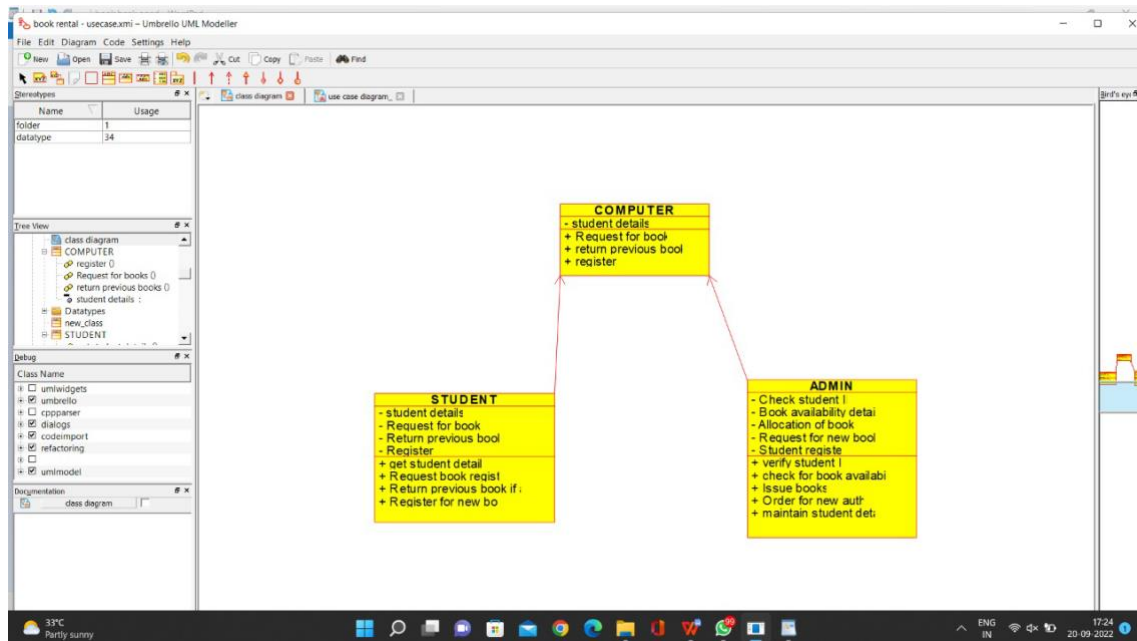
@return :

@author

"""

Pass

## Class diagram :



## Use case diagram :

