Topic   :   Online Auction System

Group no   :   MLB_06.01_07

Campus   :   Malabe

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We declare that this is our own work and this Assignment does not incorporate without acknowledgment any material previously submitted by anyone else in SLIIT or any other university/Institute. And we declare that each one of us equally contributed to the completion of this Assignment.

Registration No	Name	Contact Number
IT21318320	Silva T.U.D	076 900 5515
IT21321054	Bandara D.M.E.K	076 944 7415
IT21319242	Ilangarathne R.A.C.W	071 543 1391
IT21318948	Dissanayake K.B	076 072 4229
IT21313684	Karunarathna D.T.S	071 161 1308

- Item – IT21319242 - Ilangarathne R.A.C.W

Class name: Item	
Responsibilities	**Collaborations**
Store details of item	
Search Item	
Select Item	
Add Item	Auction
Edit Item	

- Category – IT21319242 - Ilangarathne R.A.C.W

Class name: Category	
Responsibilities	**Collaborations**
Store details of category	
Update Category	
Delete Category	

- **Item – IT21319242 - Ilangarathne R.A.C.W**

//Item class

class Item

{

private:

   int itemId;

   string itemDescription;

   Auction* Au;

public:

```cpp
    Item();

    Item(int IId,string iDescription);

    void additem();

    void updateItem();

};


Item::Item() {


}
Item::Item(int IId,string iDescription,)

{


    itemId = IId;

    itemDescription = iDescription;

}
void Item::additem() {

    Au = new Auction;

}
void Item::updateItem() {

}
```

- **Category – IT21319242 - Ilangarathne R.A.C.W**

```cpp
//Category class
class Category
{
private:
    int categoryId;
```

```cpp
    string categorydescription;

    Item* item[2];
public:
    Category();

    Category(int caId, string cdescription,Item*it1, Item*it2);

    void addcategory();

    void updatecategory();

    void delectcategory();

};


Category::Category() {


}
Category::Category(int caId, string cdescription, Item* it1, Item* it2) {

    categoryId = caId;

    categorydescription = cdescription;

    item[0] = it1;

    item[1] = it2;

}
void Category::addcategory() {


}
void Category::updatecategory(){


}
void Category::delectcategory() {


}
```

- **Main Program**

```cpp
#include <iostream>
using namespace std;

int main(){
  // Create object of class Category.
  Category category1;

  // Create object of class Item.
  Item item1;
  return 0;
}
```