22)Online Insurance Processing System
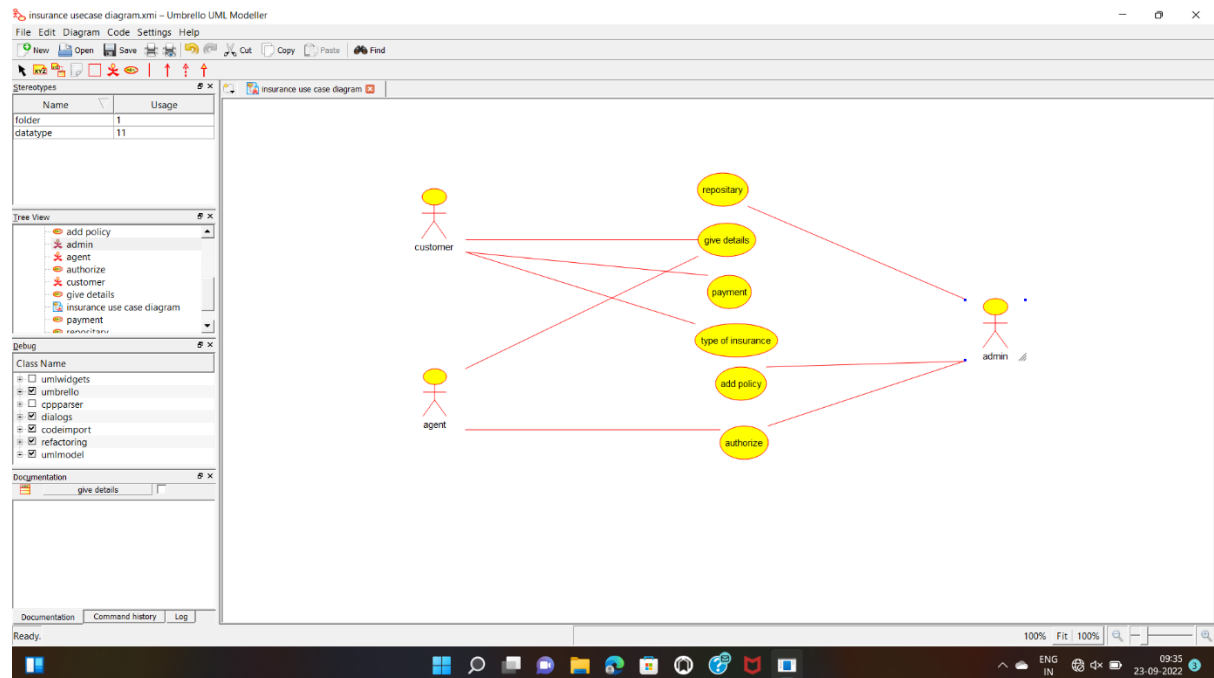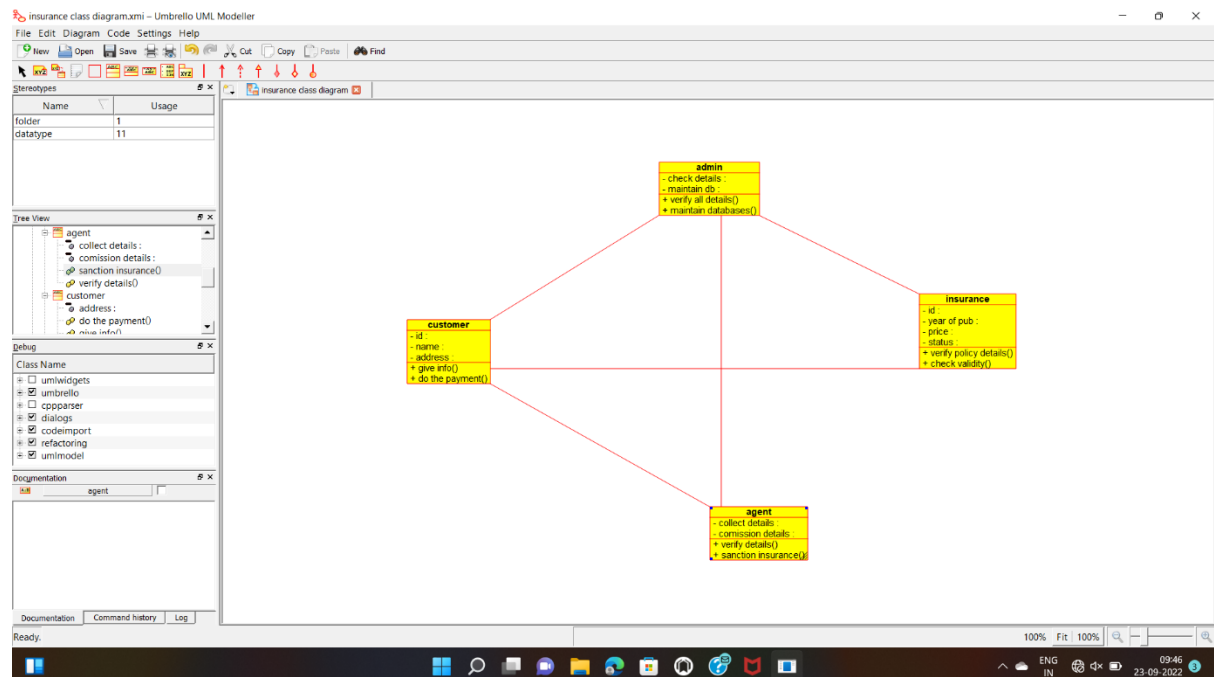
USECASE DIAGRAM

CLASS DIAGRAM

SOURCE CODE:

Admin

#include "admin.h"

// Constructors/Destructors

```cpp
//

admin::admin () {
initAttributes();
}

admin::~admin () { }

//
// Methods
//


// Accessor methods
//


// Other methods
//

void admin::initAttributes () {
}
```

Agent

```cpp
#include "agent.h"

// Constructors/Destructors
//

agent::agent () {
initAttributes();
}
```

```cpp
agent::~agent () { }


//
// Methods
//


// Accessor methods
//


// Other methods
//


void agent::initAttributes () {
}
```

Customer

```cpp
#include "customer.h"


// Constructors/Destructors
//


customer::customer () {
initAttributes();
}


customer::~customer () { }


//
// Methods
```

//

// Accessor methods

//

// Other methods

//

```cpp
void customer::initAttributes () {
}
```

Insurance

```cpp
#ifndef INSURANCE_H
#define INSURANCE_H

#include <string>
#include vector

/**
 * class insurance
 *
 */

class insurance
{
public:
```

```cpp
// Constructors/Destructors
//

/**
 * Empty Constructor
 */
insurance ();

/**
 * Empty Destructor
 */
virtual ~insurance ();

// Static Public attributes
//

// Public attributes
//

// Public attribute accessor methods
//

// Public attribute accessor methods
//

/**
```

```cpp
 */
void verify_policy_details ()
{
}


/**
 */
void check_validity ()
{
}

protected:

// Static Protected attributes
//

// Protected attributes
//

public:

// Protected attribute accessor methods
//

protected:

public:
```

```cpp
    // Protected attribute accessor methods
    //

protected:


private:


    // Static Private attributes
    //


    // Private attributes
    //


    void id;
    void year_of_pub;
    void price;
    void status;
public:



    // Private attribute accessor methods
    //


private:


public:



    // Private attribute accessor methods
    //
```

```java
/**
 * Set the value of id
 * @param new_var the new value of id
 */
void setId (void new_var)  {
   id = new_var;
}


/**
 * Get the value of id
 * @return the value of id
 */
void getId ()  {
  return id;
}


/**
 * Set the value of year_of_pub
 * @param new_var the new value of year_of_pub
 */
void setYear_of_pub (void new_var)  {
   year_of_pub = new_var;
}


/**
 * Get the value of year_of_pub
 * @return the value of year_of_pub
 */
void getYear_of_pub ()  {
```

```java
    return year_of_pub;

}


/**
 * Set the value of price
 * @param new_var the new value of price
 */
void setPrice (void new_var)  {

    price = new_var;

}


/**
 * Get the value of price
 * @return the value of price
 */
void getPrice ()  {

 return price;

}


/**
 * Set the value of status
 * @param new_var the new value of status
 */
void setStatus (void new_var)  {

    status = new_var;

}


/**
 * Get the value of status
 * @return the value of status
 */
```

```cpp
  void getStatus ()  {
    return status;
  }
private:



  void initAttributes () ;



};


#endif // INSURANCE_H
```