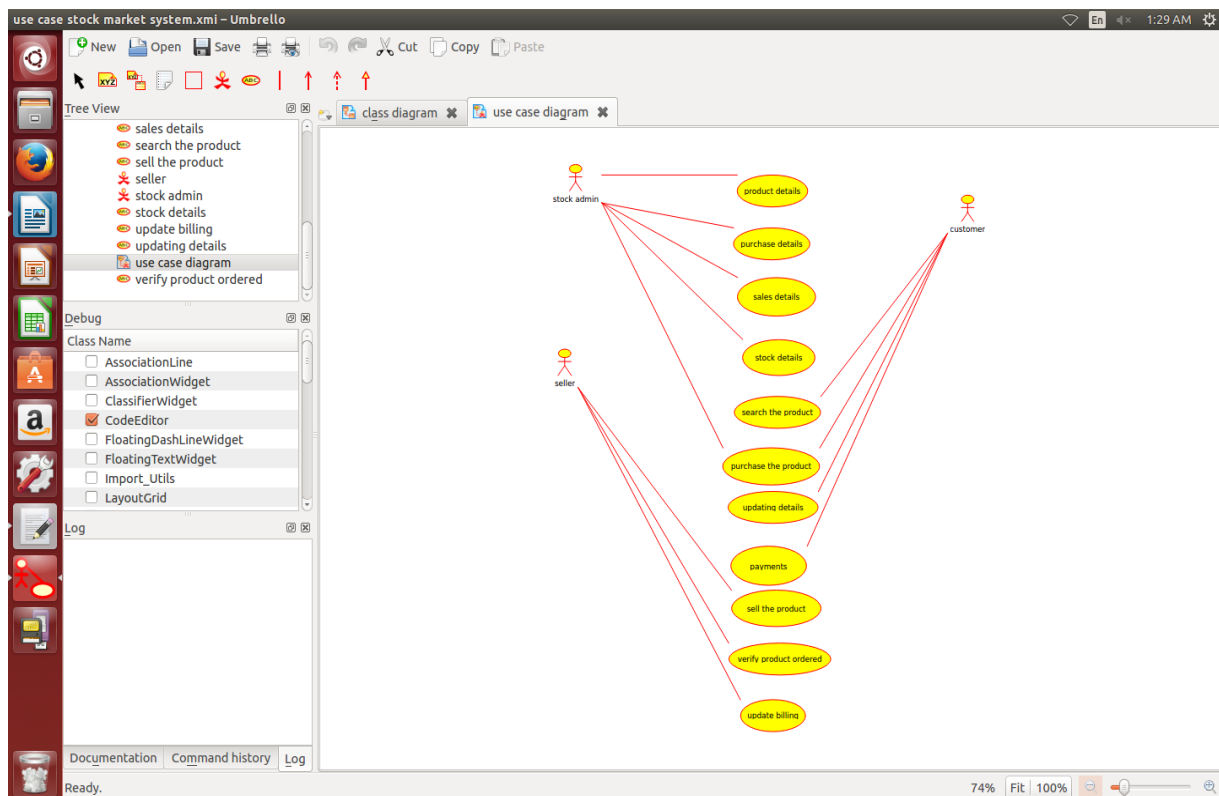
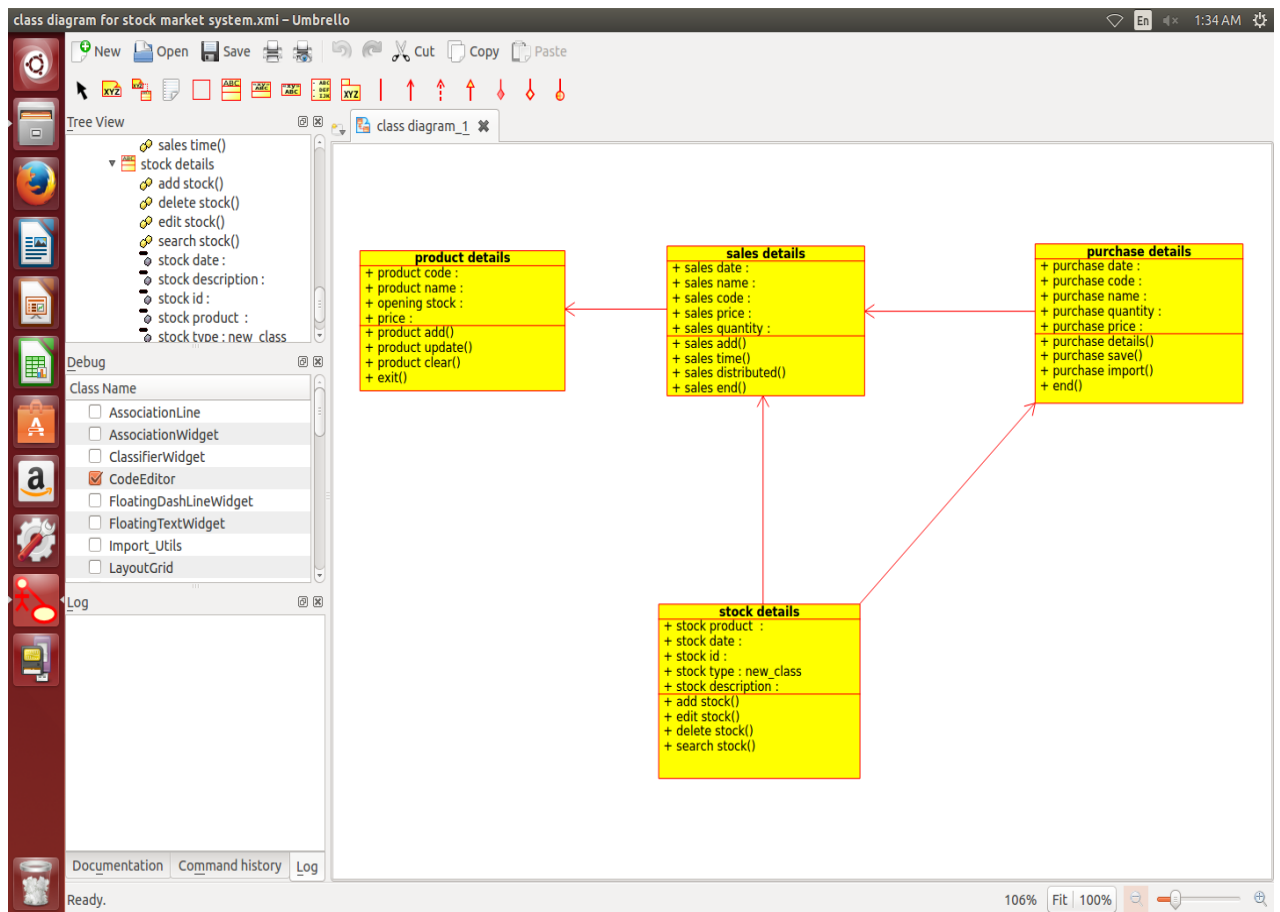


# Lab record for OOAD

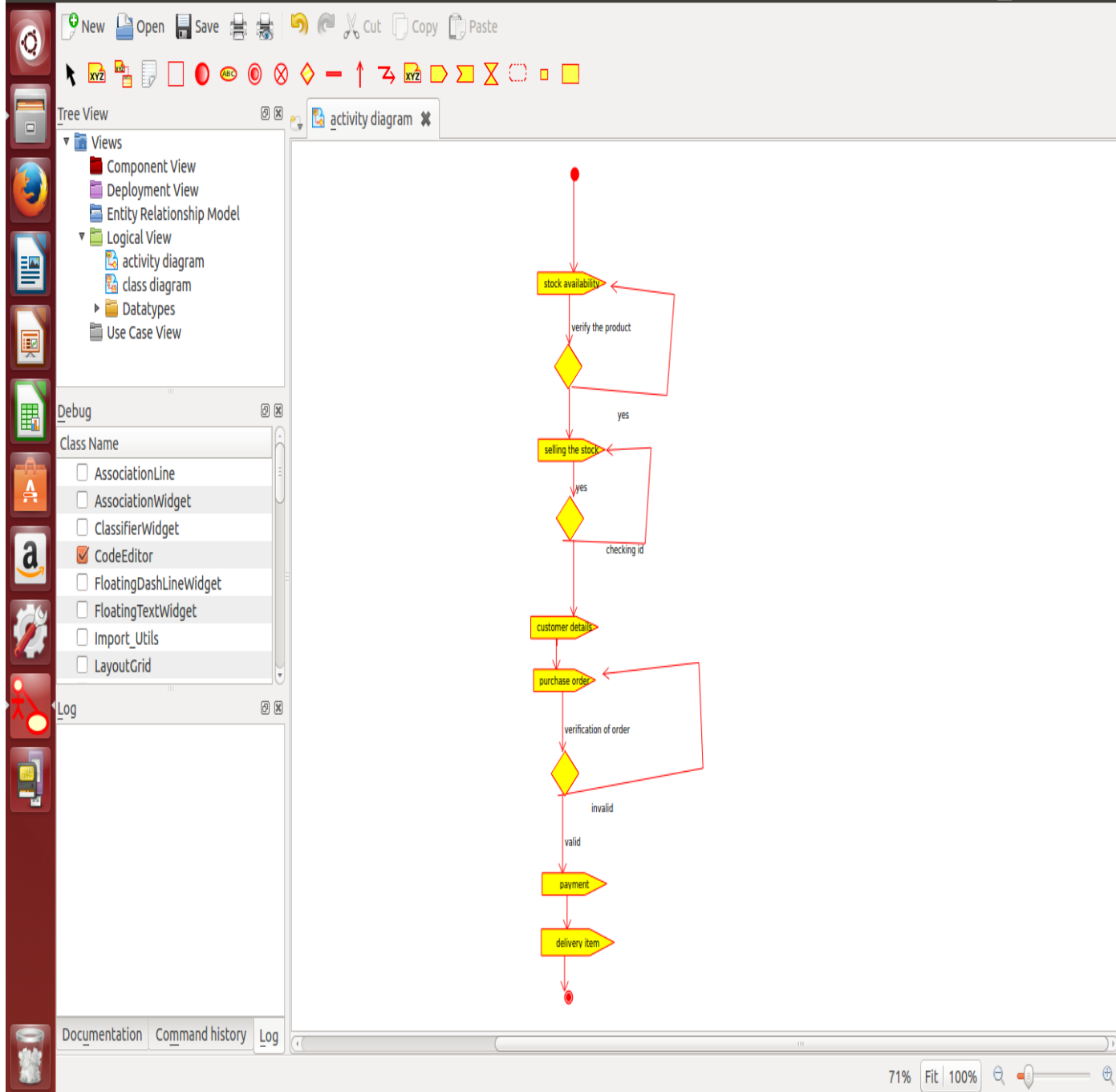
## 1. Use case diagram :



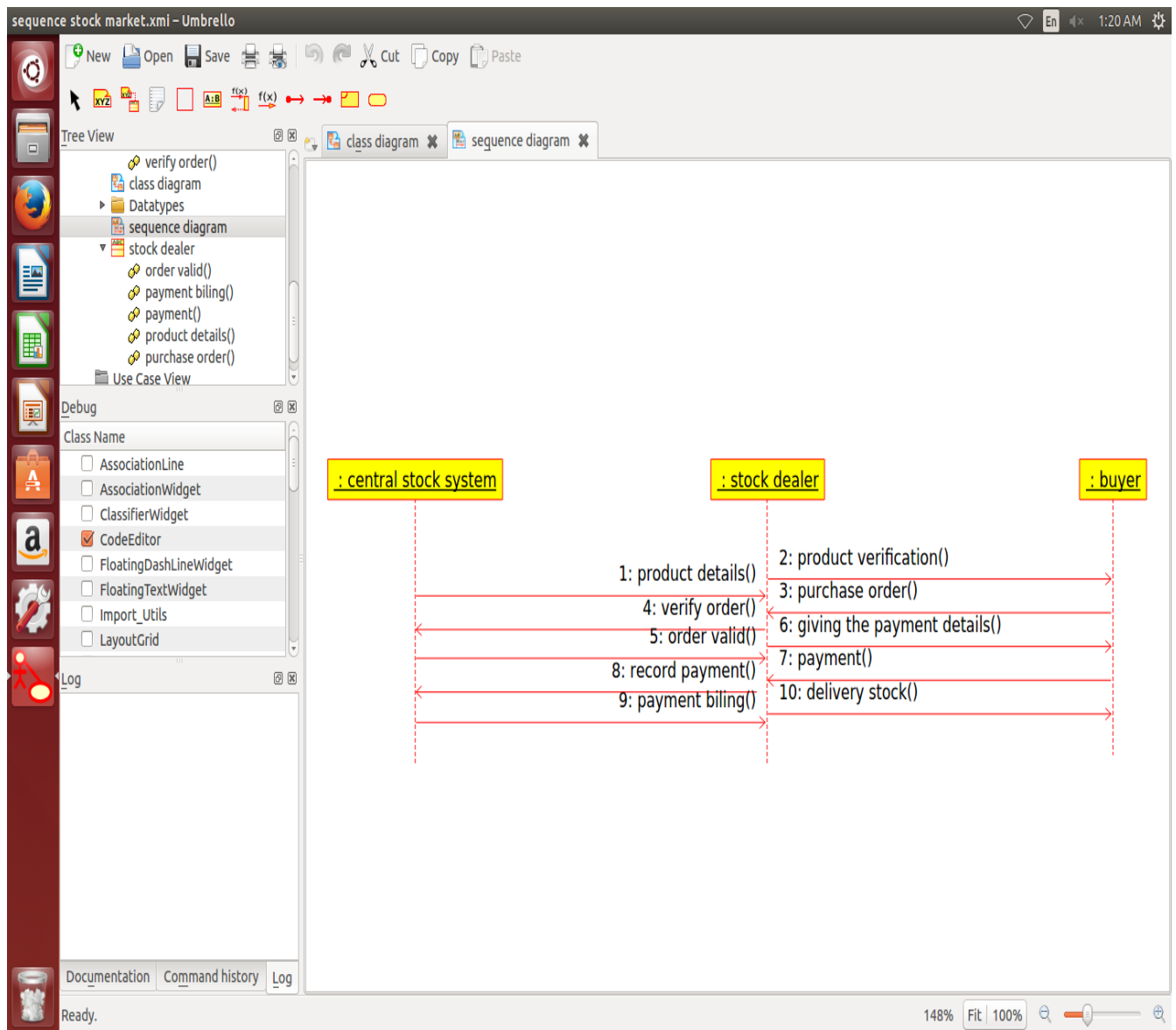
## 2.class diagram:



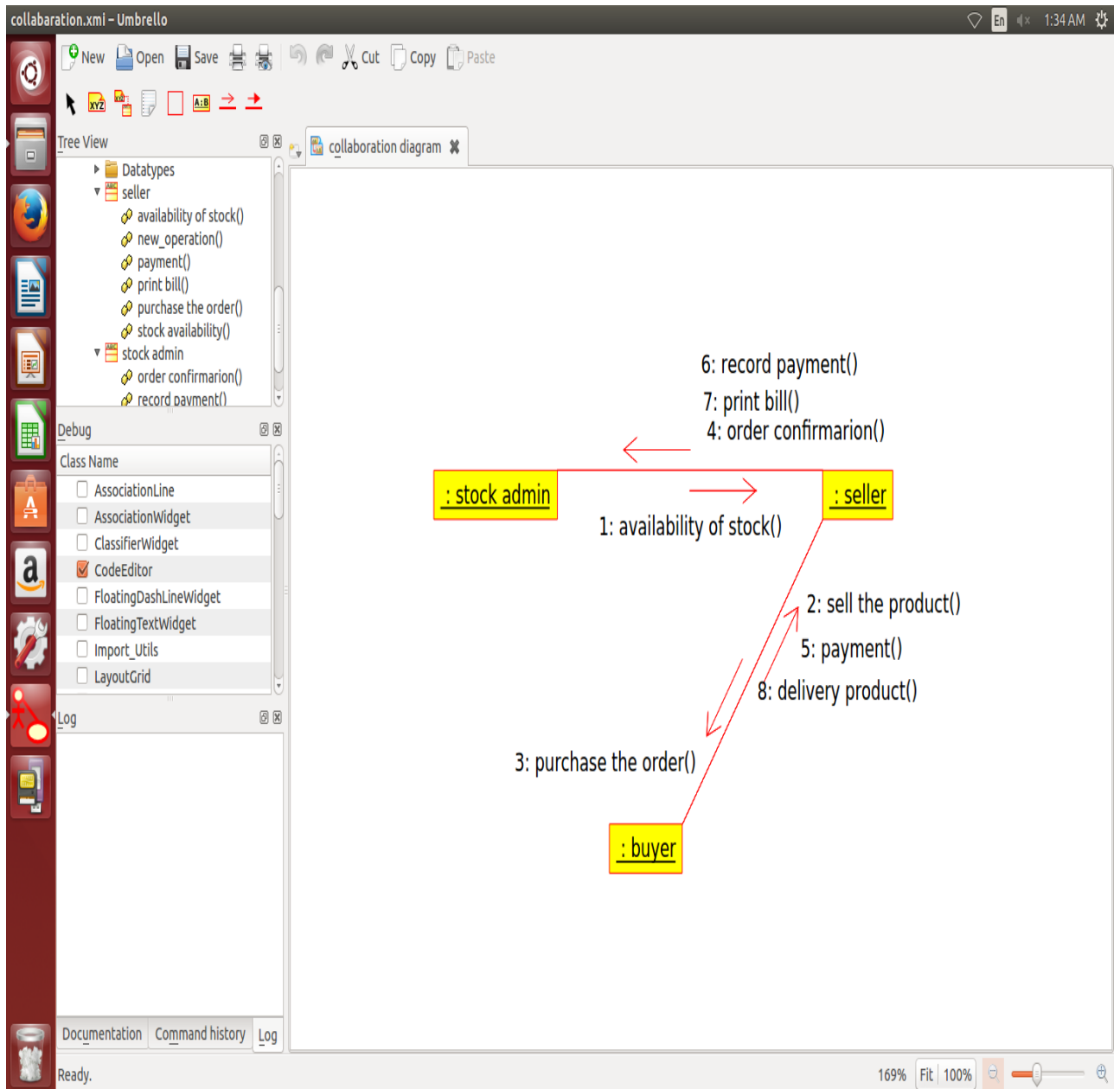
3.Activity diagram:



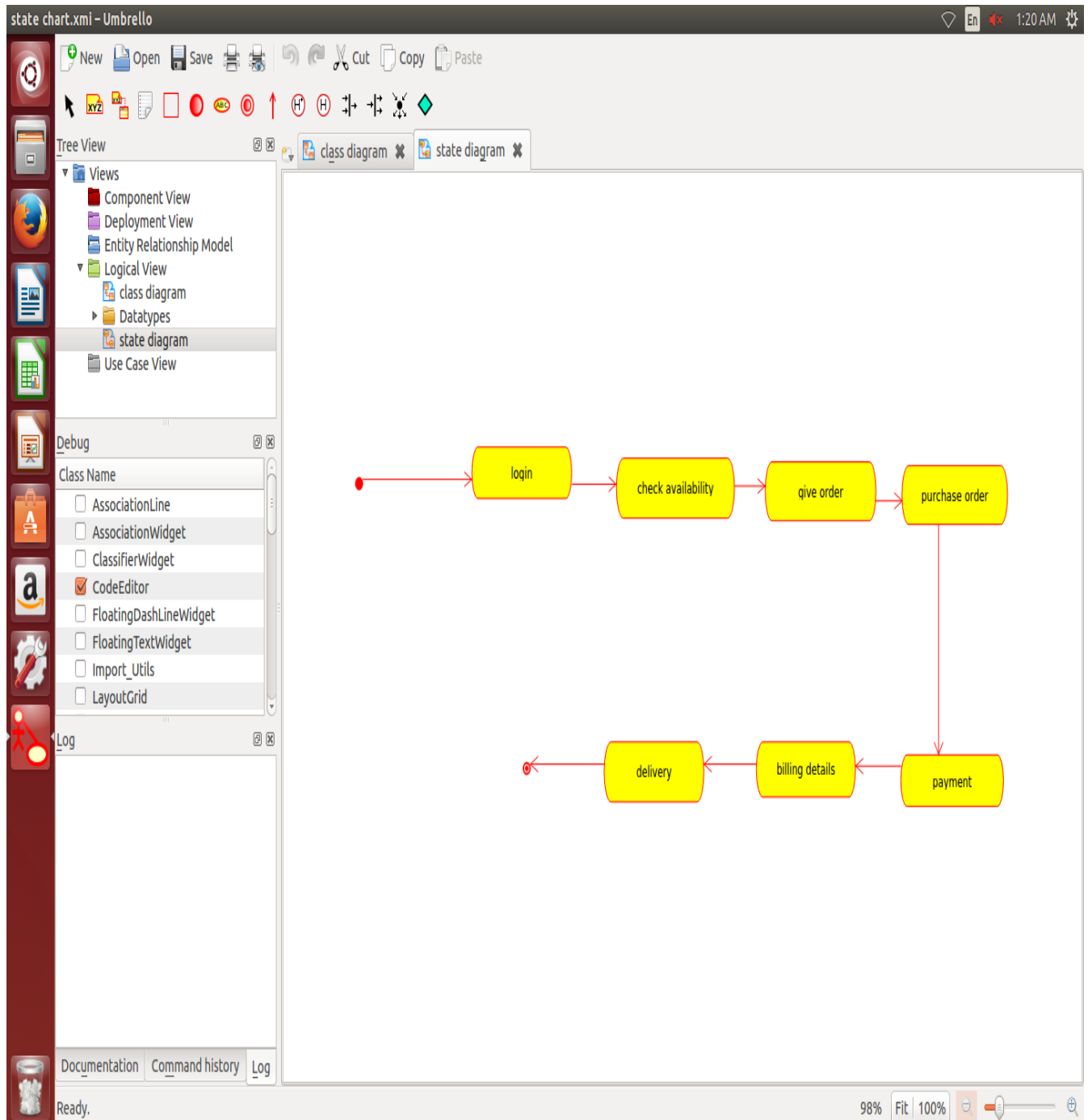
## 4.sequence diagram :



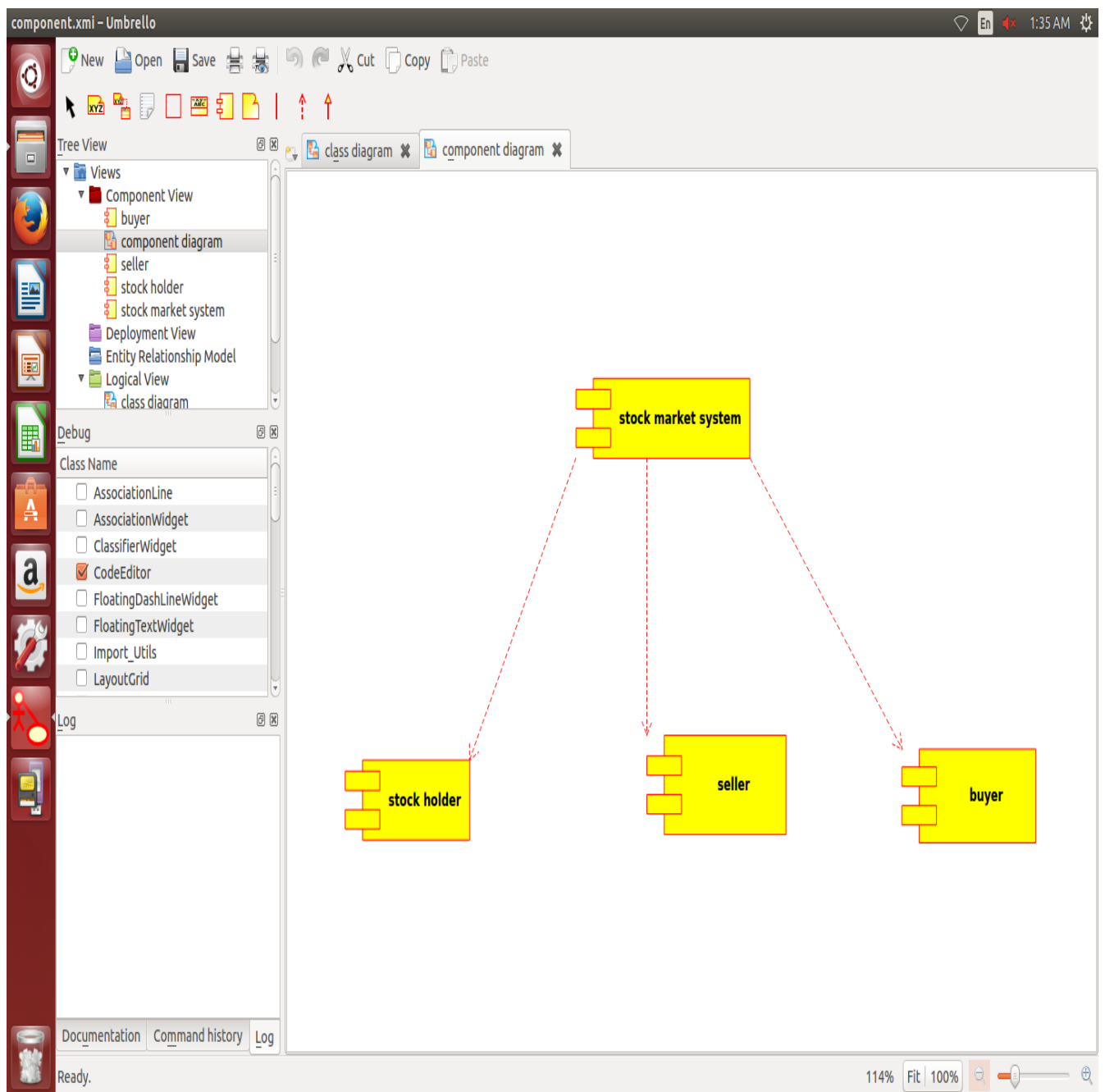
## 5.Collabaration diagram:



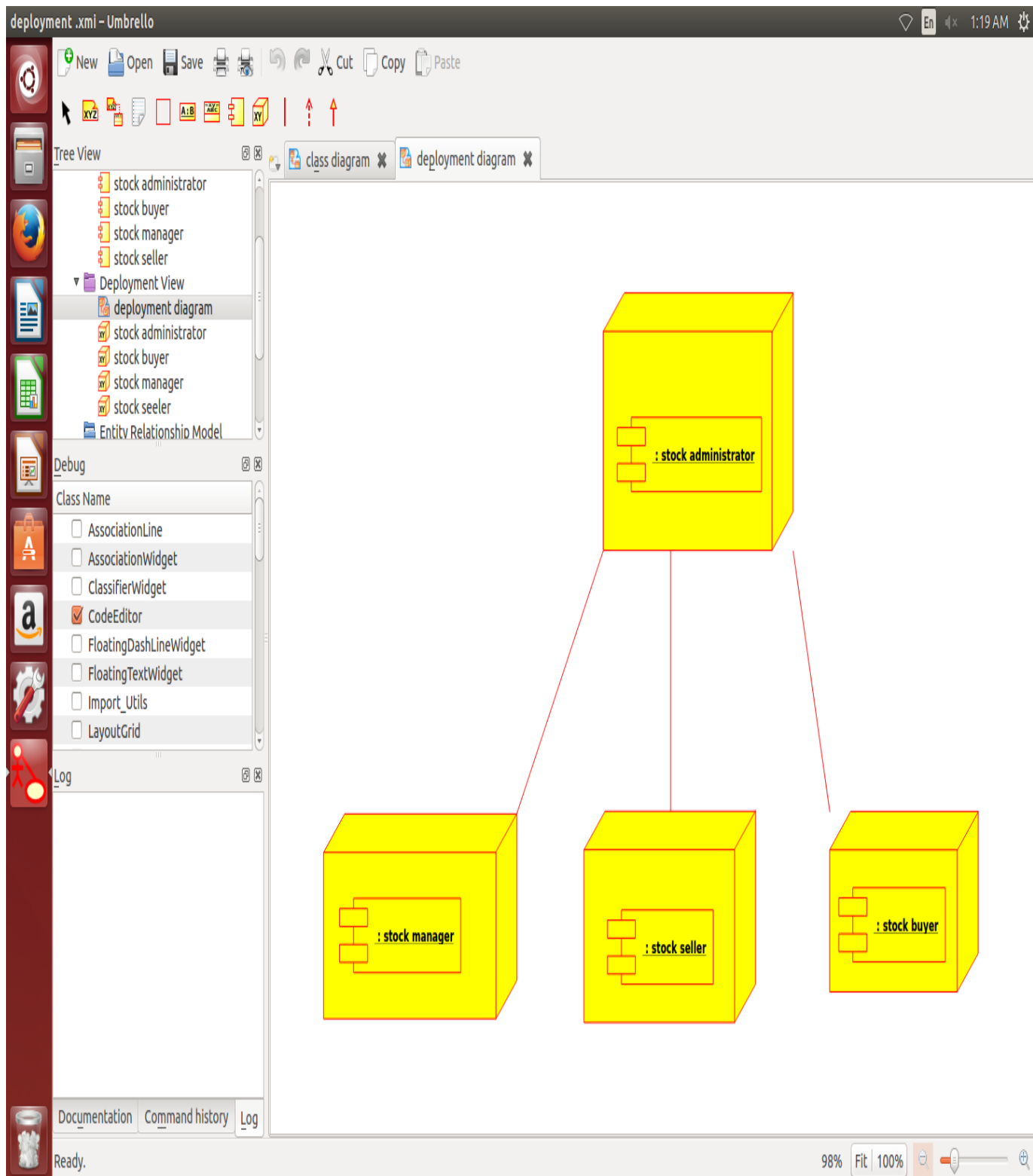
## 6.State chart diagram:



## 7.Component diagram:

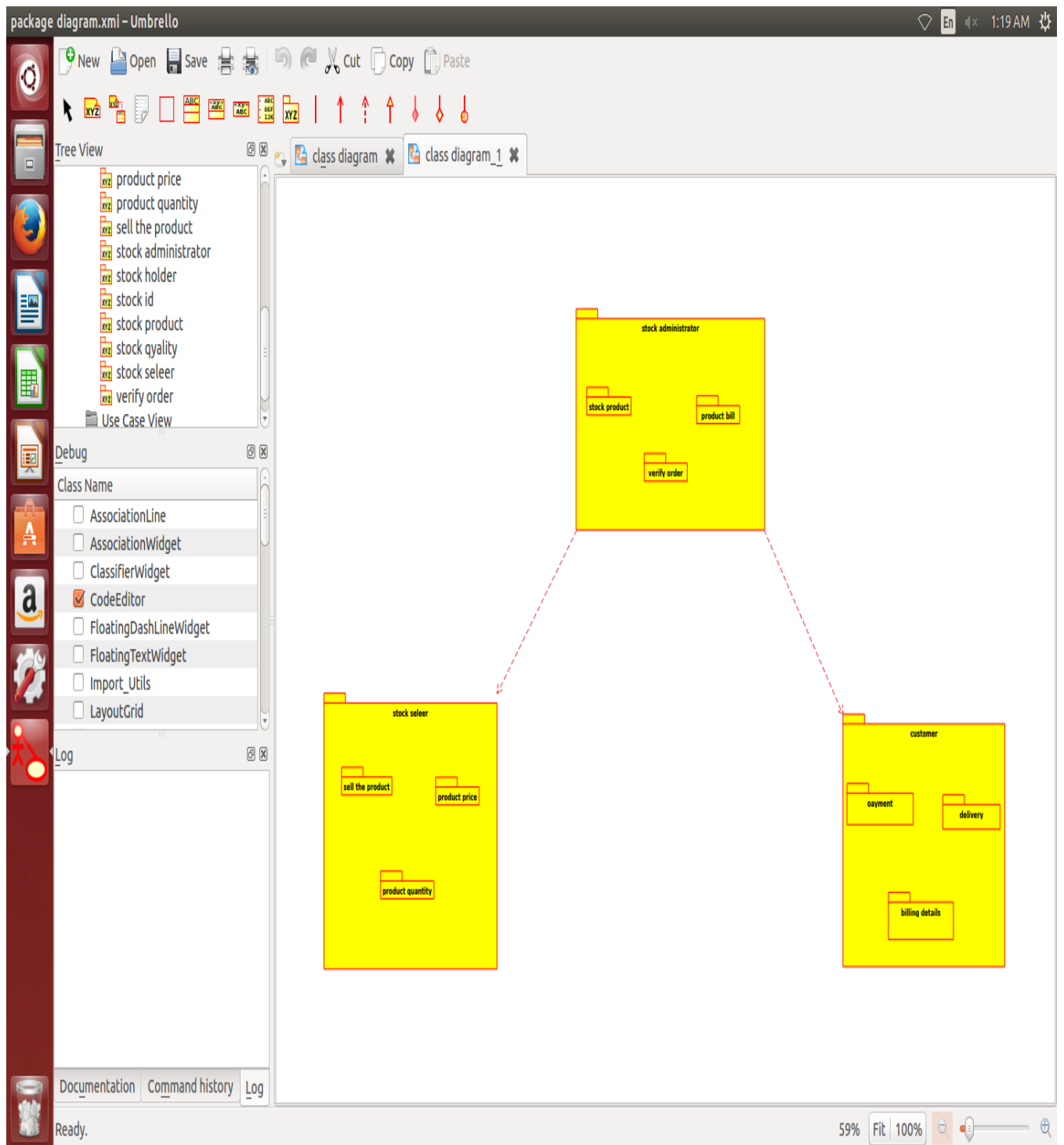


8. Deploiment diagram:



9.Package diagram:





## SKELETON CODE

## ***PRODUCT DETAILS :***

```
/**
```

```
 * class new_class
```

```
 *
```

```
 */
```

```
new_class = function ()
```

```
{
```

```
  this._init ();
```

```
}
```

```
/**
```

```
 * _init sets all new_class attributes to their default value.
```

```
Make sure to call
```

```
 * this method within your class constructor
```

```
 */
```

```
new_class.prototype._init = function ()
```

```
{
```

```
/**Aggregations: */
```

```
/**Compositions: */
```

```
}
```

```
/**
```

```
 * class product_details
```

```
 *
```

```
 */
```

```
product_details = function ()
```

```
{
```

```
  this._init ();
```

```
}
```

```
/**
```

\* \_init sets all product\_details attributes to their default value. Make sure to

\* call this method within your class constructor

\*/

product\_details.prototype.\_init = function ()

{

/\*\*

\*

\*/

this.m\_product\_code = "";

/\*\*

\*

\*/

this.m\_product\_name = "";

/\*\*

\*

\*/

this.m\_opening\_stock = "";

/\*\*

\*

\*/

this.m\_price = "";

```
/**Aggregations: */
```

```
/**Compositions: */
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
product_details.prototype.product_add = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
product_details.prototype.product_update = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
product_details.prototype.product_clear = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
product_details.prototype.exit = function ()
```

```
{
```

```
}
```

## ***PURCHASE DETAILS :***

```
/**
```

```
 * class new_class
```

```
 *
```

```
 */
```

```
new_class = function ()
```

```
{
```

```
  this._init ();
```

```
}
```

```
/**
```

```
 * _init sets all new_class attributes to their default value.  
 Make sure to call
```

```
 * this method within your class constructor
```

```
 */
```

```
new_class.prototype._init = function ()
```

```
{
```

```
/**Aggregations: */
```

```
/**Compositions: */
```

```
}
```

```
#include "sales_details.js"
```

```
/**
```

```
 * class purchase_details
```

```
 *
```

```
 */
```

```
purchase_details = function ()
```

```
{
```

```
  this._init ();
```

```
}
```



```
/**
 * _init sets all purchase_details attributes to their default
 * value. Make sure to
 * call this method within your class constructor
 */
purchase_details.prototype._init = function ()
{
    /**
     *
     */
    this.m_purchase_date = "";
    /**
     *
     */
    this.m_purchase_code = "";
    /**
     *
     */
    this.m_purchase_name = "";
    /**
     *
```

```
*/
this.m_purchase_quantity = "";
/**
*
*/
this.m_purchase_price = "";

/**Aggregations: */

/**Compositions: */

}

/**
*
*/
purchase_details.prototype.purchase_details = function ()
{

}
```

```
/**
```

```
*
```

```
*/
```

```
purchase_details.prototype.purchase_save = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
purchase_details.prototype.purchase_import = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
purchase_details.prototype.end = function ()
```

```
{
```

```
}
```

### ***SALES DETAILS:***

```
/**
```

```
 * class new_class
```

```
 *
```

```
 */
```

```
new_class = function ()
```

```
{
```

```
  this._init ();
```

```
}
```

```
/**
```

```
 * _init sets all new_class attributes to their default value.  
 Make sure to call
```

```
 * this method within your class constructor
```

```
 */
```

```
new_class.prototype._init = function ()
```

```
{
```

```
    /**Aggregations: */
```

```
    /**Compositions: */
```

```
}
```

```
#include "product_details.js"
```

```
/**
```

```
 * class sales_details
```

```
 *
```

```
 */
```

```
sales_details = function ()
```

```
{
```

```
    this._init ();
```

```
}
```

```
/**
```

```
* _init sets all sales_details attributes to their default value.
```

```
Make sure to
```

```
* call this method within your class constructor
```

```
*/
```

```
sales_details.prototype._init = function ()
```

```
{
```

```
    /**
```

```
    *
```

```
    */
```

```
    this.m_sales_date = "";
```

```
    /**
```

```
    *
```

```
    */
```

```
    this.m_sales_name = "";
```

```
    /**
```

```
    *
```

```
    */
```

```
    this.m_sales_code = "";
```

```
/**
 *
 */
this.m_sales_price = "";

/**
 *
 */
this.m_sales_quantity = "";

/**Aggregations: */

/**Compositions: */

}

/**
 *
 */
sales_details.prototype.sales_add = function ()
{

}
```

```
/**
```

```
*
```

```
*/
```

```
sales_details.prototype.sales_time = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
sales_details.prototype.sales_distributed = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```



```
*/  
sales_details.prototype.sales_end = function ()  
{  
  
}
```

### ***STOCK DETAILS :***

```
/**  
 * class new_class  
 *  
 */  
  
new_class = function ()  
{  
    this._init ();  
}
```

```
/**  
 * _init sets all new_class attributes to their default value.  
 Make sure to call  
 * this method within your class constructor
```

```
*/  
new_class.prototype._init = function ()  
{
```

```
    /**Aggregations: */
```

```
    /**Compositions: */
```

```
}
```

```
#include "purchase_details.js"
```

```
#include "sales_details.js"
```

```
#include "new_class.js"
```

```
/**
```

```
 * class stock_details
```

```
 *
```

```
*/
```

```
stock_details = function ()
```

```
{
```

```
    this._init ();
```

```
}
```

```
/**
```

```
 * _init sets all stock_details attributes to their default value.
```

```
Make sure to
```

```
 * call this method within your class constructor
```

```
*/
```

```
stock_details.prototype._init = function ()
```

```
{
```

```
    /**
```

```
     *
```

```
    */
```

```
    this.m_stock_product_ = "";
```

```
    /**
```

```
     *
```

```
    */
```

```
    this.m_stock_date = "";
```

```
    /**
```

```
*  
  
*/  
this.m_stock_id = "";  
/**  
  
*  
  
*/  
this.m_stock_type = "";  
/**  
  
*  
  
*/  
this.m_stock_description = "";  
  
/**Aggregations: */  
  
/**Compositions: */  
  
}  
  
/**  
  
*  
  
*/  
stock_details.prototype.add_stock = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
stock_details.prototype.edit_stock = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
stock_details.prototype.delete_stock = function ()
```

```
{
```

```
}
```

```
/**
```

```
*
```

```
*/
```

```
stock_details.prototype.search_stock = function ()
```

```
{
```

```
}
```

