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| **Use Case And Class Diagrams** |
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|  |
| Popcorn team |
|  |
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| **2011/7/1** |
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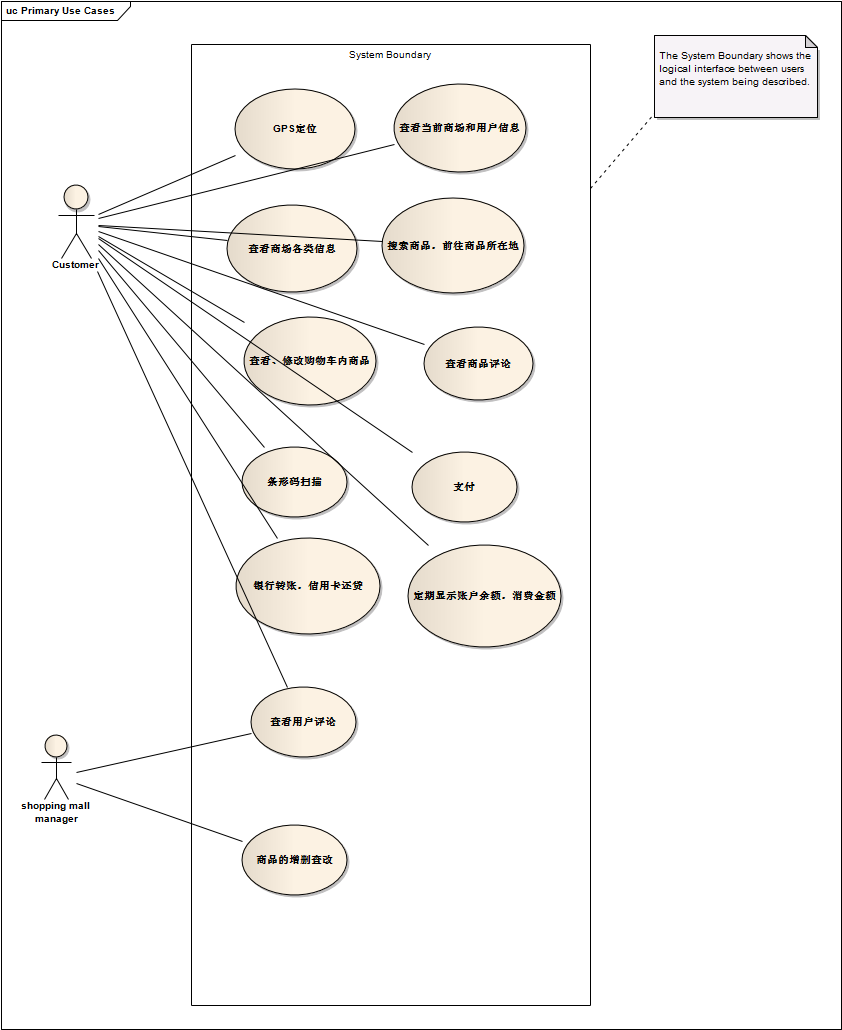
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# preliminary use case diagram



## 1.1 role

* customer
* market manager

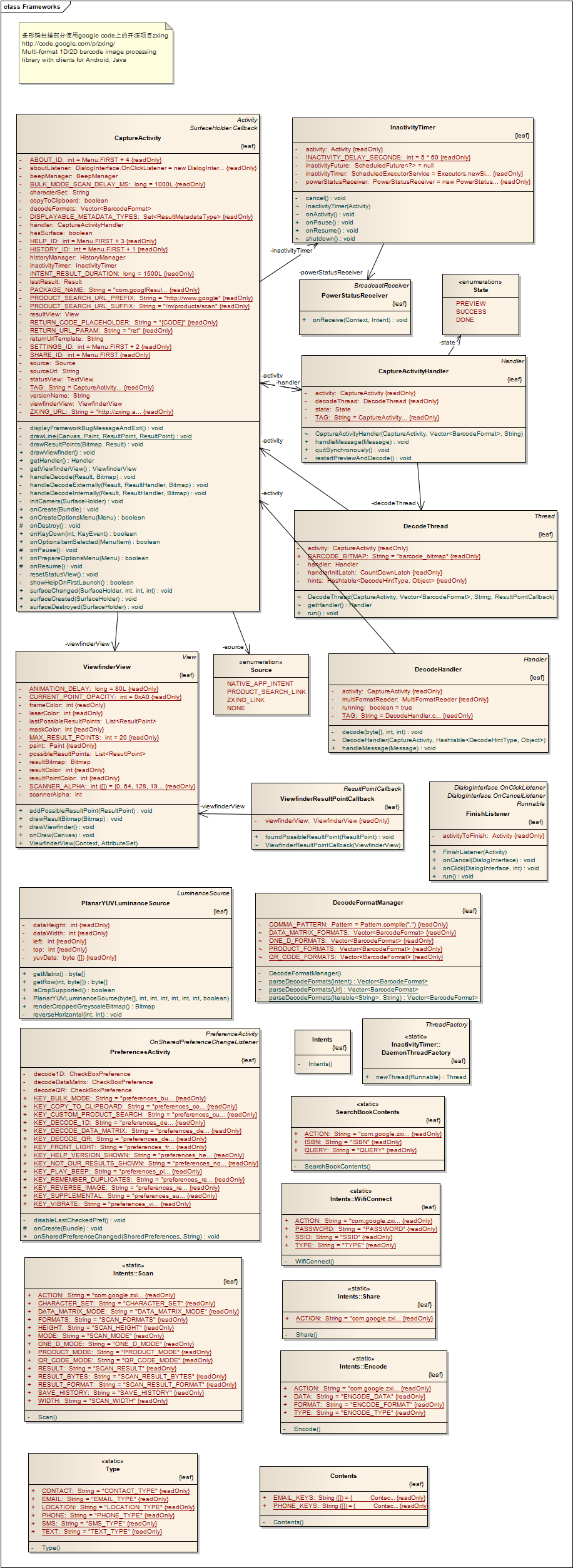
## 1.2 use case

* customer：
* search market by GPS
* look up for market information
* search product information and its location
* look over the product comments
* scan the product barcodes
* add, delete or change products in shopping cart
* pay money
* look up the remaining sum
* market manager：
* look over the customers’ comments
* add, delete or change products

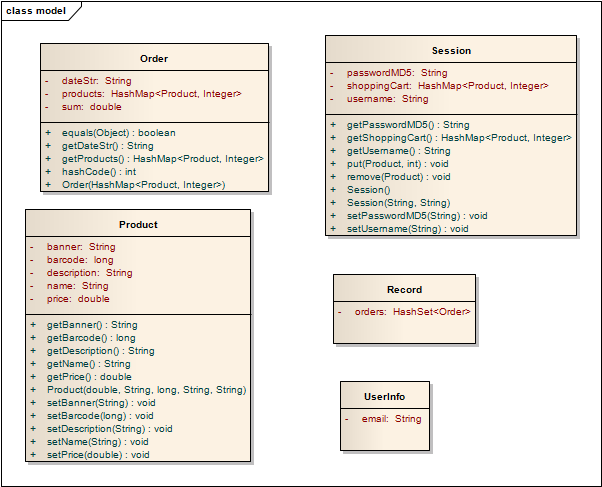
# class diagram

## client class diagram

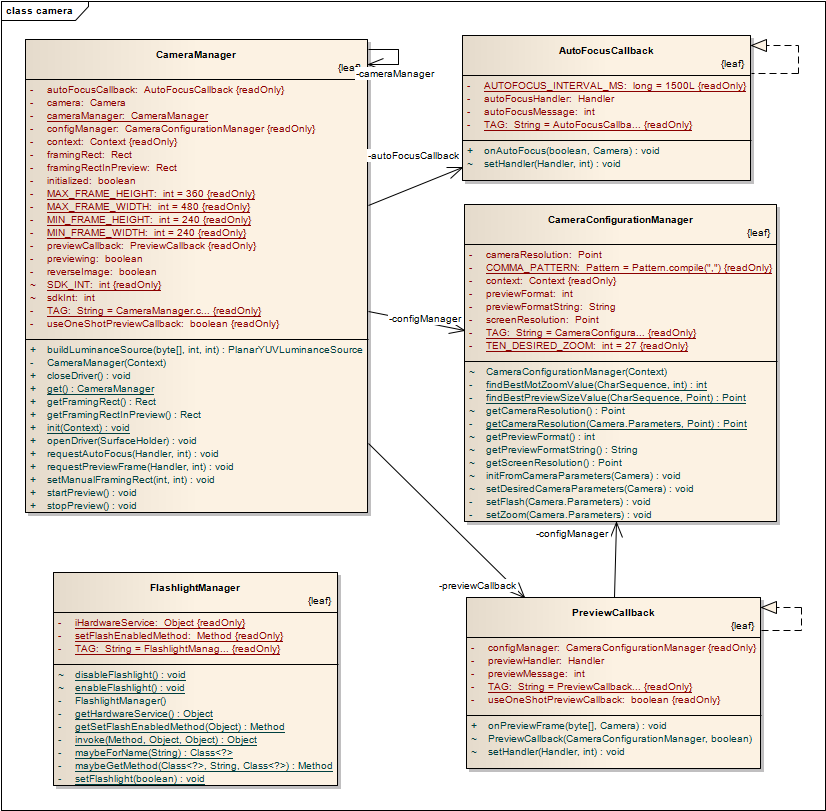
### the whole framework



### entity object

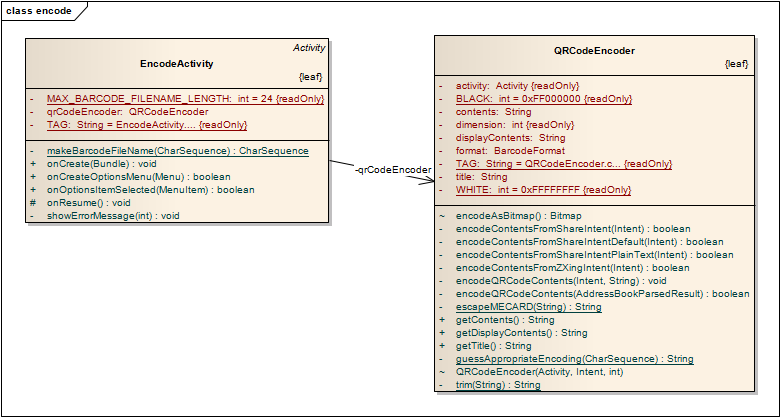


### barcode scanning

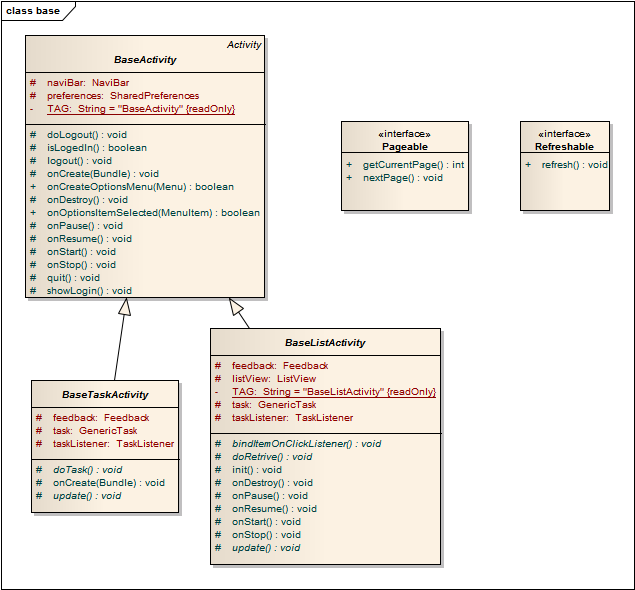


### scanning result dealing

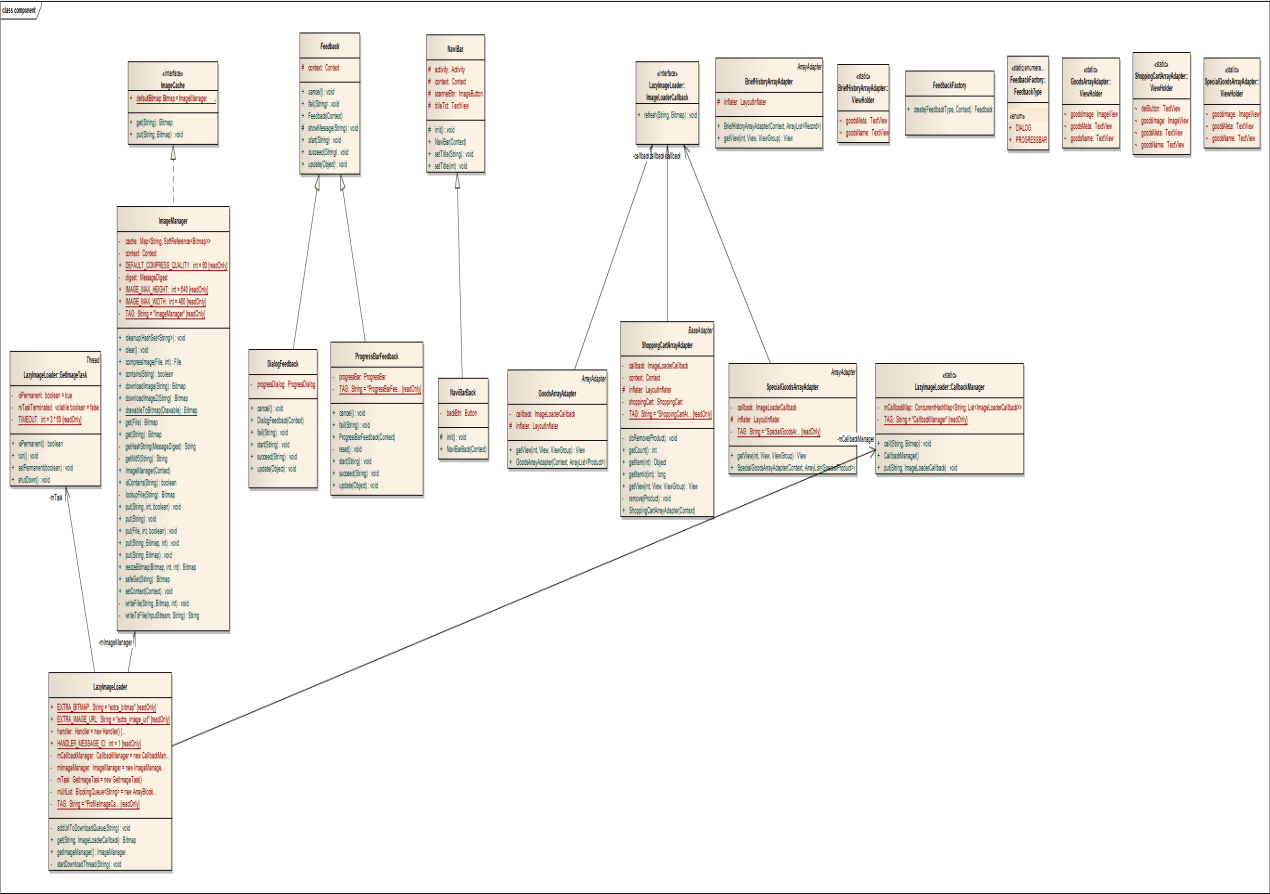




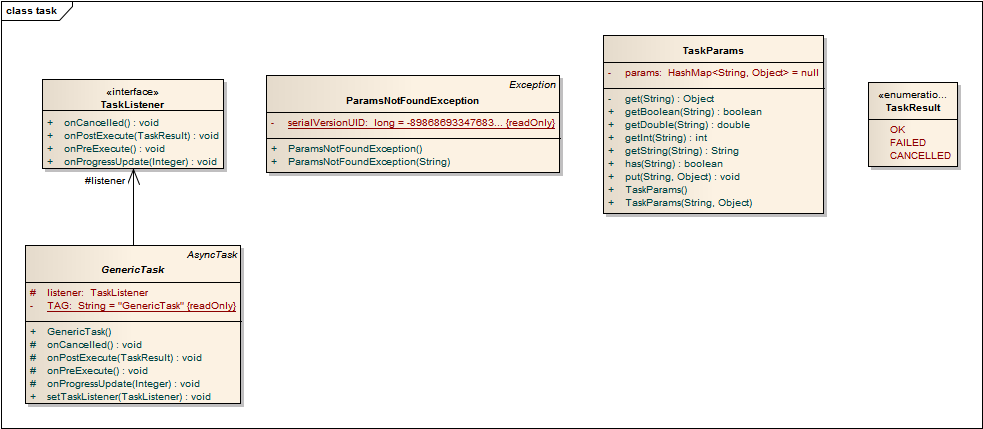
### UI BASE CLASS



### UI COMPONENT

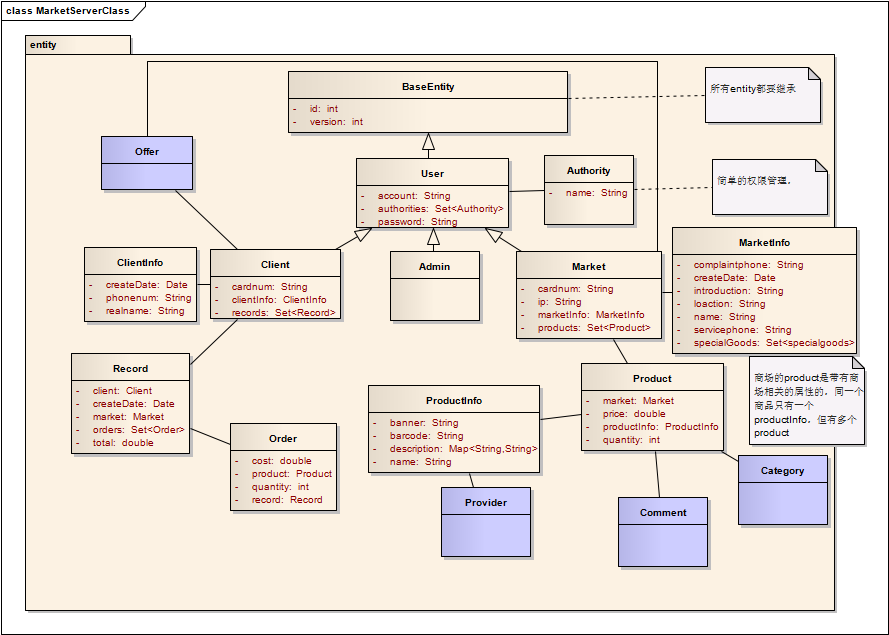


### Asynchronous task component



## server class diagram

### market server



### bank server

