

Secondly, the purchasing department issues the purchase notice, and the inventory department executes commodity input operation. Thirdly, the inventory department issues a return outbound notice and executes goods delivery operation, and then purchasing department will negotiate with suppliers.

There are two relationships between order management and inventory management. Firstly, after the customer complete the payment process, order department take orders operation according to order information and the follow-up logistics is carry on also, and then inventory departments carry out goods delivery processing. Secondly, after the customer receives the goods, if problem appears and the sales department agrees to return, and then the inventory management executes the handling of return goods.

After the above analysis, simple purchase-sell-stock management system was joined into online background management system as an expansion, and a new website backstage management system is created. The summary of each module is displayed in Fig 4.

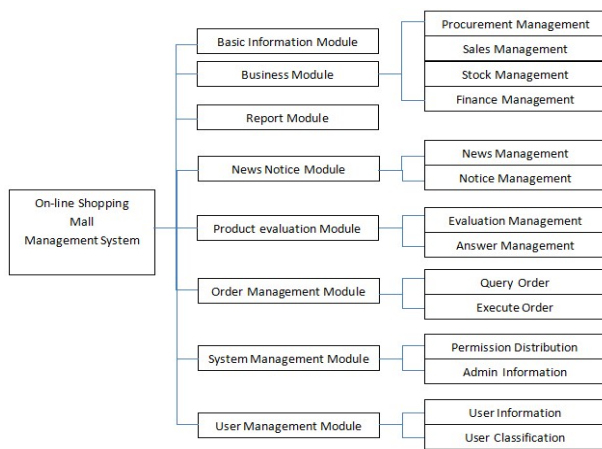


Fig 4. System module chart

The following portions are the briefly extension to the above, basic information module is mainly responsible for data backup, recovery and browse the system log. The main functions of the financial management are statistical sales revenue, expenditure, the budget, profit distribution and funds occupy, the treatment of providers paid, accounts payable and the capital turnover control are also done in this module. In addition, the financial statistics about online sales, sales calculation within day, month and season are also completed in this module. Sales management is an indispensable part of the daily operation, which fully embodies the advantages of automation, compatible with all the features of commodity management.

There are also some module functions which are described as follows, inquiries about the mall sales situation; the statistical analysis about sales and gross profit, inquires the commodity quotes, and other special treatment and discount, controlling on the sale of goods and printing the form, the inquiry about the details of the sales, new products on selves and old products off selves, and the management of commodity price and other functions.

Inventory management is mainly responsible for incoming goods, inventories revision and query, carrying out the inventory reports and so on. The functions of this module are as follows, providing timely inventory goods type, stock, quality, price, storage location and other information. According to the inventory loss, overflow and inventory management, effectively reduce the inventory loss, enhance the effective inventory, support receptionist sales, and obtains reasonable merchandise ordering cycle and quantity. Purchasing management can input, modify, query and analyze in real time, and print a variety of documents according to purchase orders, indent and returned purchase invoice. According to replenishment orders and sales situation to draw up purchasing plan and cooperate with order management department to finish distribution management and return money management.

VI. Conclusions

J2EE three-tier structure and the current popular web application development framework are analyzed and studied, Ajax + SSH (Struts + Spring + Hibernate) framework is formed based on the techniques described above, in this paper this Ajax + SSH (Struts + Spring + Hibernate) framework is applied to B2C website background management, it has effectively changed the condition that client code is redundant, reduced the burden and later maintenance on the client, and the difficulty about expansion issues is resolved as well. In addition, it also greatly enhances the efficiency of the staff and avoids the cumbersome, messy and long cycle of In-out warehouse, and it makes that the system can quickly respond to market changes.

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