



## ERP – INVENTORY MANAGEMENT SYSTEMS

By

P- 2266

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**A PROJECT REPORT**

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*In partial fulfillment of the requirements*

*for the award of the degree*

*of*

**MASTER OF COMPUTER APPLICATION**

**June 2008**

## BONAFIDE CERTIFICATE

Certified that this project report titled “ERP – INVENTORY MANAGEMENT SYSTEM” is the bonafide work of Mr. M. KARTHIK (Reg No: 71205621017) who carried out the research under my supervision. certified further, that to the best of my knowledge the work reported herein does not form part of any other project report or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.



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Submitted to Project and Viva Examination held on 01-07-08



Internal Examiner



External Examiner

31.06.08

**TO WHOMSOEVER IT MAY BE CONCERNED**

This is to certify that Mr.M.Karthik. Reg.No.71205621017 a student of Kumaraguru College of Technology,Coimbatore has done the academic project entitled "Inventory" in our company from December 2007 to May 2008 for the partial fulfillment of award of Master of Computer Applications and he has completed the project as per the requirements.

D.Jamuna Sri,  
Project Manager,  
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Chennai.

## ABSTRACT

The entitled project is “**ERP-Inventory Management Systems**” which is automated Inventory Management system, in which the sales order, purchase order, inventory, inward, outward, specification, employee details, employee dept, employee profile are handled as separate modules. It also includes some of the additional features like Mail, SMS Alerts. The mail and SMS alerts will be made to the concerned person when purchase order or sales order is issued.

The system uses a completely automated process, initially the inventory status is been tracked and the orders placed were also verified and the availability is identified. Thus the purchase order will be made by the system as per the inventory status for the favorable vendor.

It has a unique login facility to every user. When a person receives a mail, just a link will be displayed. The user proceeds with this link and it prompts for user name and password thereby securing the user information.

## ACKNOWLEDGEMENT

I thank our Principal **Dr.Joseph.V.Thanikal**, Kumaraguru College of Technology,Coimbatore for giving me an oppurtunity to work on the project.

I express my gratitude to **Dr.M.Gururajan,HOD**, Department of Computer Applications for his help and support while developing the project.

I also extend my heart full of gratitude to **Mr.S.Ganesh Babu**, Senior Lecturer, Department of Computer Applications ,who has guided me with valuable suggestions.

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I also thank my parents, friends and everone who was supporting me throughout the project.

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## **CHAPTER 1**

### **INTRODUCTION**

#### **1.1 ORGANIZATION PROFILE**

InGenius Data Solutions Private Limited is a Medium level concern of information technology services to business and government sector. Founded in 2007, IDS has the experience, business operations, Business Strategy, Internet Applications, Mobile applications and Enterprise Resource Planning. This capability has enabled IDS to become a valued business partner with a host of leading domestic and international companies.

Success in today's business environments requires agility; the ability to quickly respond to the ever-changing needs of the marketplace. Through the benefits of a close and uniquely personal relationship with each client, IDS is able to leverage its expertise to help design and implement agile solutions that enable IDS clients to optimize the productivity of their people, processes, and technologies.

Branch office in United Kingdom, IDS consists of over high skilled professionals. IDS can offer its clients both fixed-price projects and time-and-materials staffing across all platforms and technologies. In all cases, our mission is to deliver high-quality technology solutions that will enable your company to more effectively meet the objectives.

The company undertakes both off-shore and on-site software development and with software technology practices among its core competencies, we can deliver world-class software that is designed and developed after systematic analysis of its client's requirements.

## **1.2 PROJECT OVERVIEW**

The existing system problems are overcome by the new system. This new system has some facilities like alert, log, SMS, Email. The log facility used to capture the item status which specifies the current status to the user. This system was developed using J2EE as front end and MYSQL as back end.

The system provides the alert displays on user window. Email could carry the soft copy of sales bill, purchase order. But the mail will be sent once the user accepts the product.

The following are the modules of the system

- Inventory
- Inward
- Outward
- Sales
- Purchase
- Quotation
- Specification

### **1.2.1 INVENTORY**

Using this module the system can describe about the stock status, when stock level goes down it just raise an alert to the user. The products entries are done here. This module handled by the appropriate rights.

### **1.2.2 INWARD**

When item returned by customer against any defect found or manufacture defect, the product entry done through this module also this module only for defect count

### **1.2.3 OUTWARD**

When defected item serviced or replaced against defected item only user could made entry in this module.

### **1.2.4 QUOTATION**

When customer wants to purchase item, customer who can made quotation through our quotation module in which customer should enter their full details as per the field requested to enter. If a customer has user id simply they can enter into their login and they can order for quotation in which customer need not enter their personal details. Also the system can suggest product description

### **1.2.5 SALES**

As per sales order which is the customer confirmation to purchase an item. After the sales order, the system will check the inventory and ware house such that the ware house having enough items and the item will be delivered on the date of delivery. Later the bill will be produced by system and the payment will be 100% or 50% in advance depends upon the customer. Also the bill copy will be sent by email and a SMS alert will be made to the customer by the system. The email alert will be sent by the user if the user is satisfied.

### **1.2.6 PURCHASE**

When product level goes down or in case of insufficiency of the item, system will make the purchase order to the favorable vendor. Then system immediately sends a copy to the authorized user for the acceptance. After the user acceptance, the system will send the email copy which is the purchase order softcopy to the vendor. The purchase order may depend upon time or price.

## CHAPTER 2

### SYSTEM ANALYSIS

#### 2.1 EXISTING SYSTEM

It doesn't have any facility like SMS, Email and Alerts. But it just sending the data, Also it adopt with lot of physical work. So it makes every thing as slow process even product delivery. To overcome this problem the new features included.

The following things are main problem in the existing system

- System will not select the favorable vendor when product to be purchase
- No Log Facility available to capture the process had made
- User can't see about the product status
- System will not provide the alert to the user when inventory level goes down
- Re-Order made only by user

#### 2.2 PROPOSED SYSTEM

It is developed to overcome the existing problem in our system. Using our new system the process will be done by quick, every time alert will be made, for example when stock level goes down it will send prior alert to the user, also it use made up the purchase order to the favorable vendor, the vendor will select by system based up on the time and cost.

Other than it have some new facility like

- SMS
- E-Mail

## **CHAPTER 3**

### **DEVELOPMENT ENVIRONMENT**

#### **3.1 HARDWARE ENVIRONMENT**

This section describes the hardware components with which the application was developed and the minimum hardware configuration with which the system operates best.

Processor	:	Intel Pentium 4
Motherboard	:	Intel Board
Hard Disk	:	40 GB
RAM	:	512 MB
OS	:	Windows

#### **3.2 SOFTWARE ENVIRONMENT**

This section describes the software in which the application was developed and using the same software would make it more compatible.

Front-End	:	JAVA/J2EE
IDE	:	Net Beans 6.0
Database	:	MYSQL
Server	:	Apache Tomcat

### **3.3 SOFTWARE OVERVIEW**

#### **3.3.1. NET BEANS:**

Free Java IDE, NetBeans is an open source project dedicated to providing solid software development that addresses the needs of developers, users and businesses.

In it listen to how Java EE 5 simplifies development and NetBeans adds more ease of use with code completion for database mapping, wizards building complete applications from existing data, and editing annotations.

NetBeans is more than just a Java IDE; extension packs offer additional features:

- Mobile applications development
- Visual development of web application
- Service Oriented Architecture and Composite Applications with BPEL
- C/C++ applications
- Profiling

With NetBeans 5.5 just released

#### **3.3.2.MYSQL:**

MySQL has cachet where the other database vendors would really like to be - preferred Open Source database where users can and do download and deploy MySQL for free and use in literally millions of small to medium scale applications. Second, as senior database in LAMP(despite all the efforts of PostgreSQL database community)- MySQL's Linux/Apache/MySQL/PHP/Python/Perl position gives it access to over 2/3rds of Web database servers. I addition, as noted there is an army of third party tool vendors developing

tools and applications that utilize MySQL database services as their point of departure. Finally, MySQL comes with just about every Linux distribution, and is readily installed on

Windows, Mac and Solaris for both server and client operations. This is tremendous breadth often at a very attractive TCO.

But MySQL also has problems. Its very rapid pace of development has left 3.x and 4.x users with major upgrade tasks. MySQL until version 5.1 has had to play junior Enterprise database to Oracle, DB2 and others in essential cluster, partitioning and replication features. Now spatial data, Web Services and native XML support are the new hurdles MySQL has to overcome.

Finally, even as an Open Source database MySQL is open to monopolistic attack. Because MySQL is so dependent on service, support, and education for its revenues, it is vulnerable to a number of attacks from database vendors who charge per seat/per server for their products as well as for service and support. Oracle has revealed one such vulnerability by charging half-price for Red Hat Linux support - thus damaging that Open Source vendors primary revenue stream. Microsoft has reportedly struck deals where the database and support are given away for free in a package with Windows SQL Server 2003 picking up a per seat and super support tab less than MySQL+Windows Server 2003 seat + support. In effect, big enterprise vendors like IBM, Oracle and Microsoft can and do use private contract giveaways to tilt the database playing field in their favor. Finally, in technical standards and innovation, all the other major vendors have much bigger patent portfolios and standards committee presence than MySQL, again potentially jeopardizing MySQL's ability to shape the direction and intent of standards & innovations.

### **3.3.3. APACHE TOMCAT**

Apache Tomcat is an implementation of the Java Servlet and JavaServer Pages technologies. The Java Servlet and JavaServer Pages specifications are developed under the Java Community Process.

Apache Tomcat is developed in an open and participatory environment and released under the Apache Software License. Apache Tomcat is intended to be a collaboration of the best-of-breed developers from around the world. We invite you to participate in this open development project. To learn more about getting involved, [click here](#).

Apache Tomcat powers numerous large-scale, mission-critical web applications across a diverse range of industries and organizations. Some of these users and their stories are listed on the [Powered By](#) wiki page.

## **Apache Tomcat Versions**

For the impatient, current Apache Tomcat production quality releases vs. Servlet / JSP specifications:

### **Servlet/JSP Spec vs Apache Tomcat version**

<b>Servlet/JSP Spec</b>	<b>Apache Tomcat version</b>
2.5/2.1	6.0.16
2.4/2.0	5.5.26
2.3/1.2	4.1.37
2.2/1.1	3.3.2 (archived)

# CHAPTER 4

## SYSTEM DESIGN

### 4.1 DATA MODEL

#### 4.1.1 ER - DIAGRAM

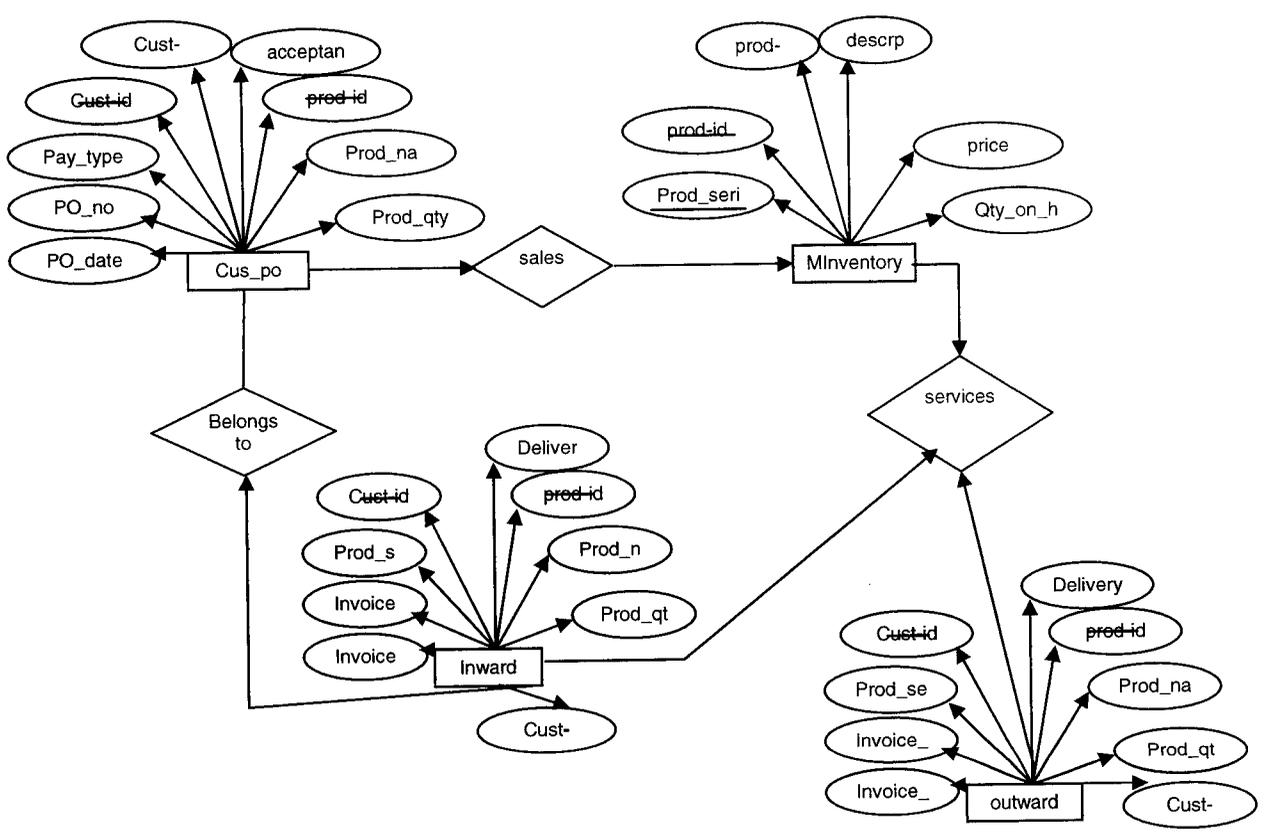


Figure 4.1.1.1 ER-Diagram

## 4.1.2 TABLE STRUCTURE

**TABLE 4.1.2.1 : EMPLOYEE\_ENROLL**

NAME	CONSTRAINT	TYPE	LENGTH
Emp-id	Primary key	Varchar2	15
Emp-name	Not null	Varchar2	30
DOB	Not null	Date	
Sex	Not null	Varchar2	10
Marital-status	Not null	Varchar2	10
Blood-group	Not null	Varchar2	10
Nationality	Not null	Varchar2	15
Contact-no	Not null	Int	15
Mail-id	Not null	Varchar2	30
Dept-name	Not null	Varchar2	30
Designation	Not null	Varchar2	40
DOJ	Not null	Date	
Remuneration	Not null	Double	15
Contact-addr	Not null	Varchar2	50
City	Not null	Varchar2	25
State	Not null	Varchar2	25
Zipcode	Not null	Int	15

**TABLE 4.1.2.2 : EMP\_PROFILE**

NAME	CONSTRIANT	TYPE	LENGTH
Emp-id	Foreign key references employee_enroll	Varchar2	20
Graduation	Not null	Varchar2	10
College	Not null	Varchar2	40
University	Not null	Varchar2	40
Prev-experience	Not null	Int	2
Comp-name	Not null	Varchar2	40
Designation	Not null	Varchar2	30



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**TABLE 4.1.2.3 : DEPT\_TABLE**

NAME	CONSTRAINT	TYPE	LENGTH
Dept-id	Primary key	Varchar2	5
Dept-name	Not null	Varchar2	30
No-of-workers	Not null	Double	4
Dept-head	Not null	Varchar2	30

**TABLE 4.1.2.4 : VENDOR\_INFO**

NAME	CONSTRAINT	TYPE	LENGTH
Vendor-id	Primary key	Varchar2	10
Vendor-name	Not null	Varchar2	30
Materials	Not null	Varchar2	40
Mail-id	Not null	Varchar2	30
Contact-no	Not null	Int	15
Cont-addr	Not null	Varchar2	30
City	Not null	Varchar2	20
State	Not null	Varchar2	20
Shipping-loc	Not null	Varchar2	30

**TABLE 4.1.2.5 : M\_INVENTORY**

NAME	CONSTRAINT	TYPE	LENGTH
Prod-id	Primary key	Varchar2	10
Prod-name	Not null	Varchar2	30
Prod-serial-no	Not null	Varchar2	10
Description	Not null	Varchar2	30
Price	Not null	Float	10
Qty-on-hand	Not null	Int	5
Reorder-qty	Not null	Int	5

**TABLE 4.1.2.6 : CUSTOMER\_INFO**

NAME	CONSTRAINT	TYPE	LENGTH
Customer-id	Primary key	Varchar2	10
Customer-name	Not null	Varchar2	30
Materials	Not null	Varchar2	40
Mail-id	Not null	Varchar2	30
Contact-no	Not null	Int	15
Cont-addr	Not null	Varchar2	30
City	Not null	Varchar2	20
State	Not null	Varchar2	20
Fax	Not null	Int	20
Shipping-loc	Not null	Varchar2	20

**TABLE 4.1.2.7 : VENDOR\_PUR\_ORDER**

NAME	CONSTRAINT	TYPE	LENGTH
Vendor-id	Foreign key references vendor_info	Int	10
Vendor-name	Not null	Varchar2	30
Prod-id	Foreign key references M_inventory	Varchar2	10
Prod-name	Not null	Varchar2	30
Prod-qty	Not null	Int	3
Pay-type	Not null	Varchar2	25
Amt	Not null	Double	10
PO-no	Not null	Int	5
PO-date	Not null	Date	
Ship-date	Not null	Date	
Ship-addr	Not null	Varchar2	40
Acceptance	Not null	Varchar2	30

**TABLE 4.1.2.8 : CUSTOMER\_PUR\_ORDER**

NAME	CONSTRAINT	TYPE	LENGTH
Cust-id	Foreign key references Customer_info	Int	10
Cust-name	Not null	Varchar2	30
Prod-id	Foreign key references m_inventory	Varchar2	10
Prod-name	Not null	Varchar2	30
Prod-qty	Not null	Int	3
Pay-type	Not null	Varchar2	25
Amt	Not null	Double	10
PO-no	Not null	Int	5
PO-date	Not null	Date	
Ship-date	Not null	Date	
Ship-addr	Not null	Varchar2	40
Acceptance	Not null	Varchar2	30

**TABLE 4.1.2.9 :INWARD\_TABLE**

NAME	CONSTRAINT	TYPE	LENGTH
Cust-id	Foreign key references Customer_info	Int	10
Cust-name	Not null	Varchar2	30
Prod-id	Foreign key references M_inventory	Varchar2	20
Prod-name	Not null	Varchar2	30
Prod-serial-no	Not null	Varchar2	10
Invoice-no	Not null	Int	5
Invoice-date	Not null	Date	
Goods-ret	Not null	Int	3
Delivy-date	Not null	Date	

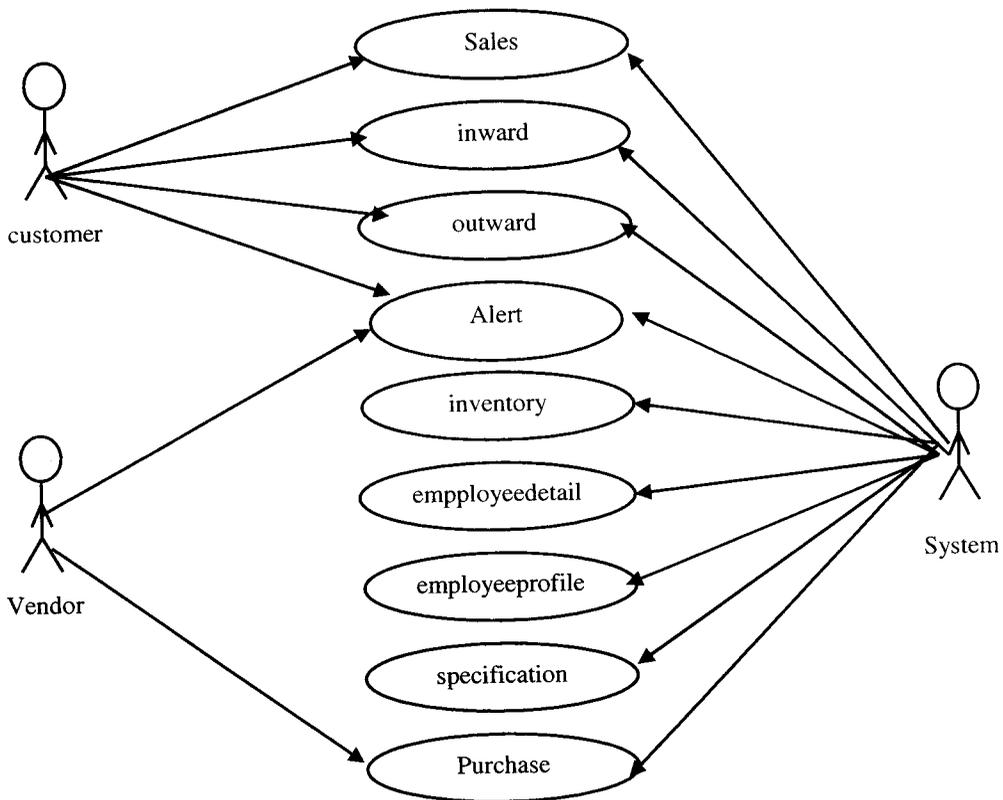
**TABLE 4.1.3.0 : OUTWARD\_TABLE**

NAME	CONSTRAINT	TYPE	LENGTH
Cust-id	Foreign key references Customer_info	Int	10
Cust-name	Not null	Varchar2	30
Prod-id	Foreign key references m_inventory	Varchar2	20
Prod-name	Not null	Varchar2	30
Prod-serial-no	Not null	Varchar2	10
Invoice-no	Not null	Int	5
Invoice-date	Not null	Date	
Delivd-date	Not null	Date	

## 4.2 PROCESS MODELS

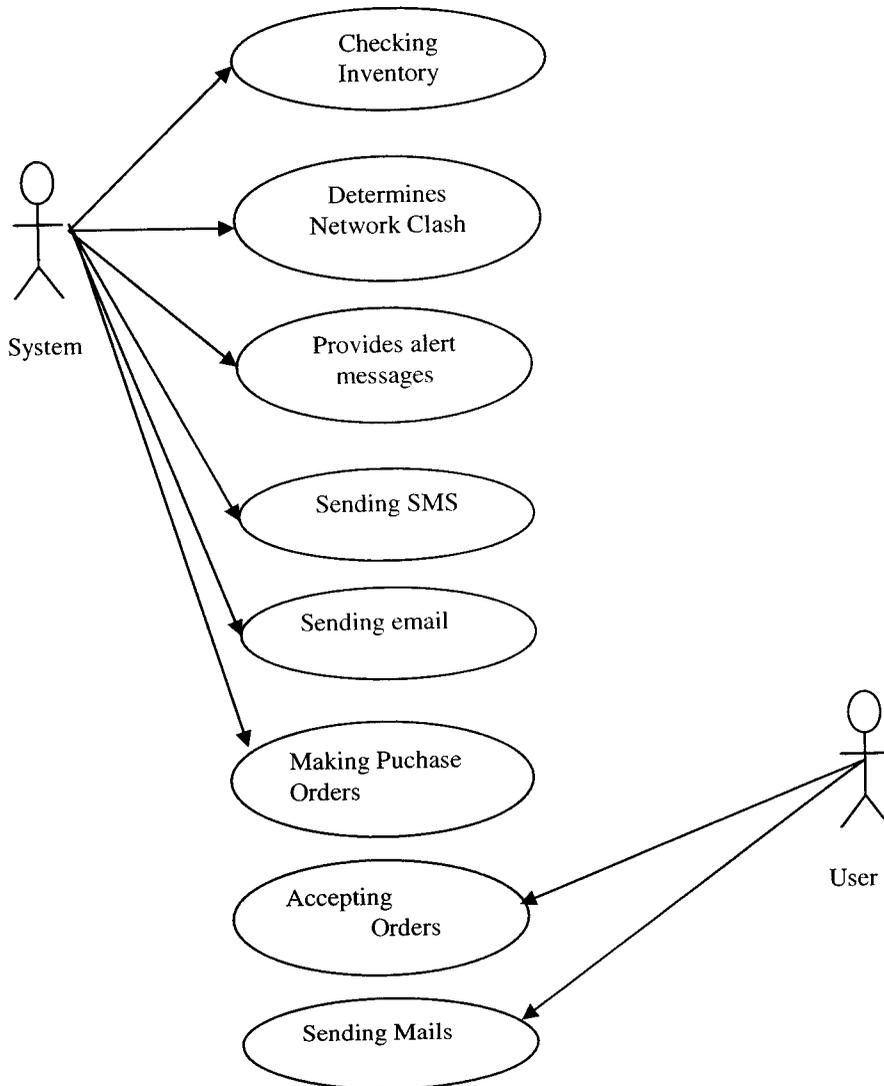
### 4.2.1 USECASE DIAGRAMS

#### 4.2.1.1 INVENTORY



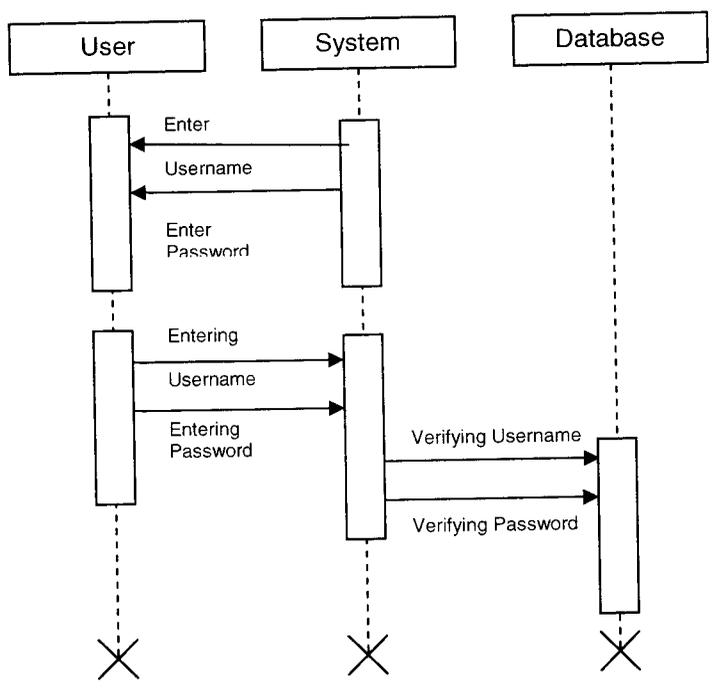
**Figure 4.2.1.1 Inventory**

#### 4.2.1.2 PURCHASE ORDER:

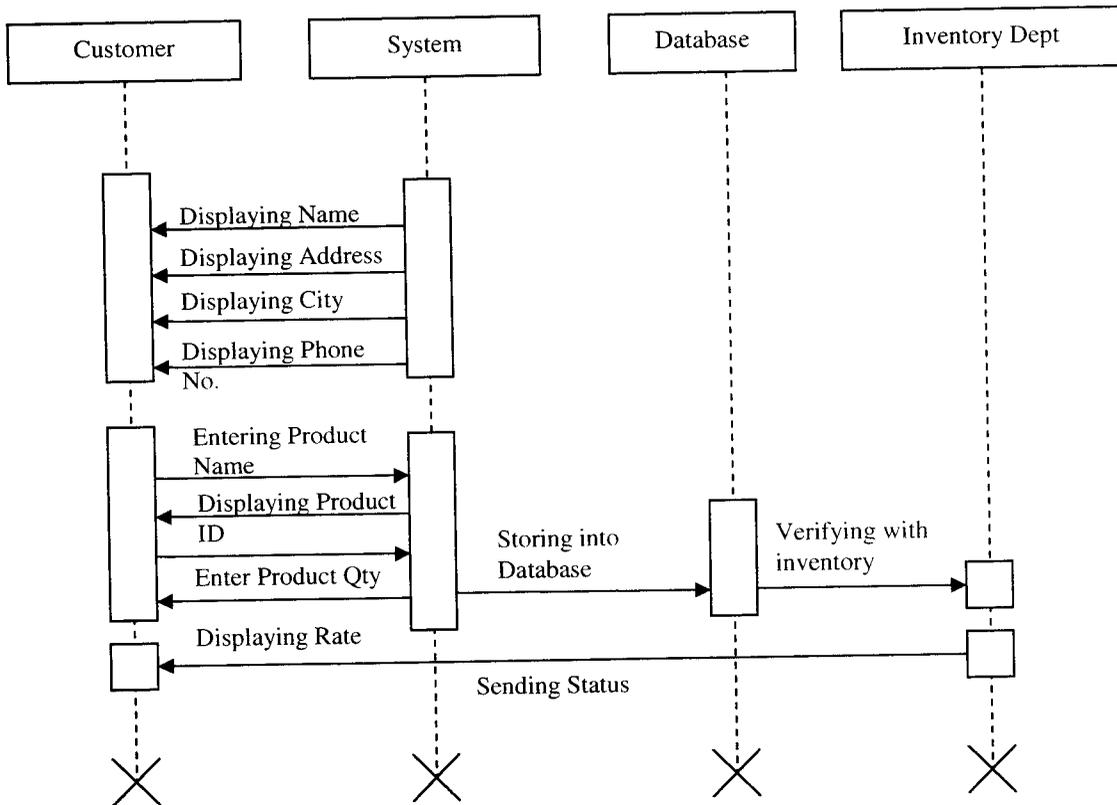


**Figure 4.2.1.2 : Purchase Order**

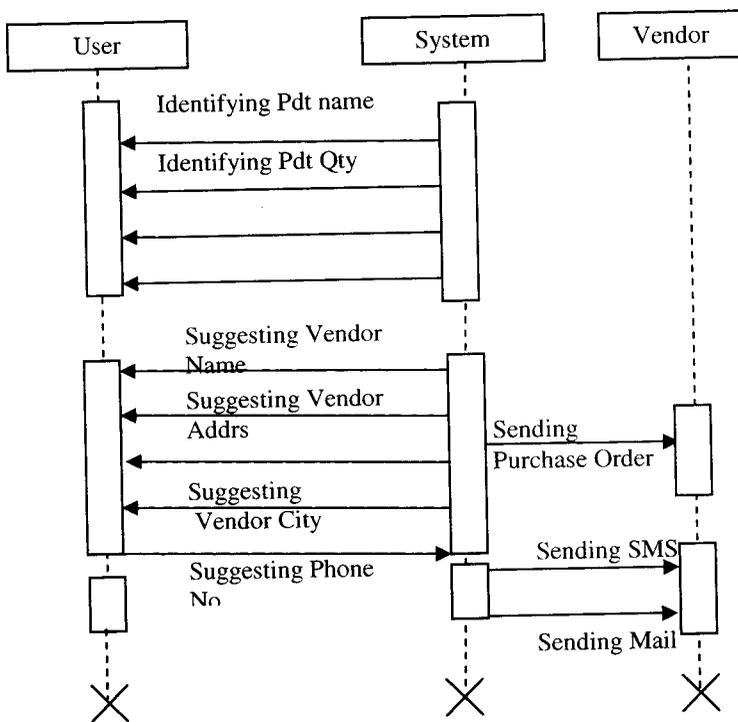
### 4.2.2 SEQUENCE DIAGRAM



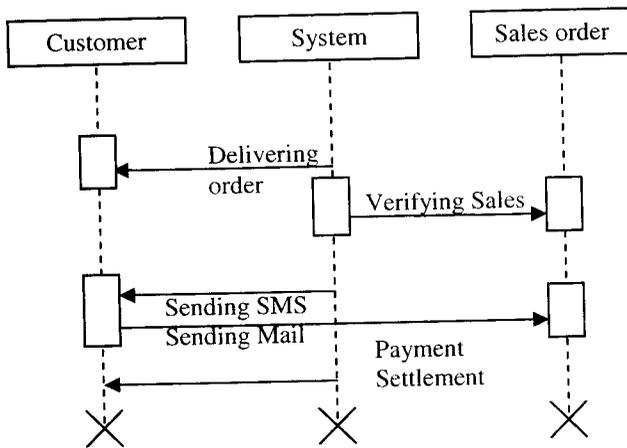
**Figure 4.2.2.1 : Sequence Diagram for Login Module**



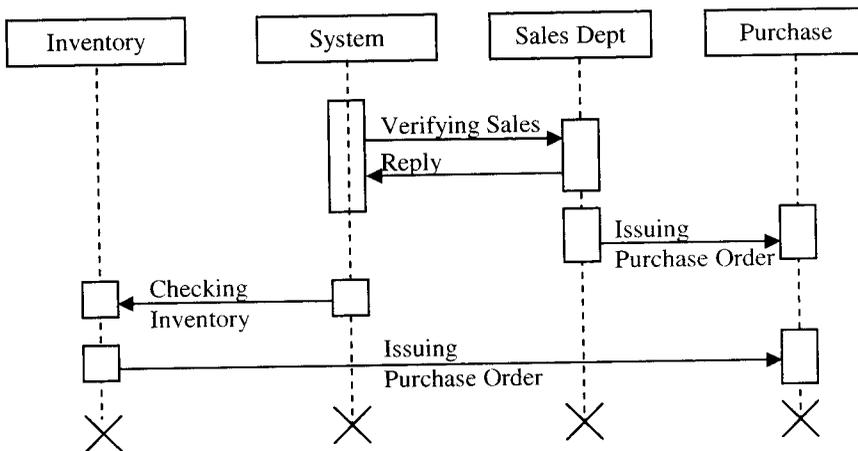
**Figure 4.2.2.2 : Sequence Diagram for Quotation Module**



**Figure 4.2.2.3 : Sequence Diagram for Purchase Module**

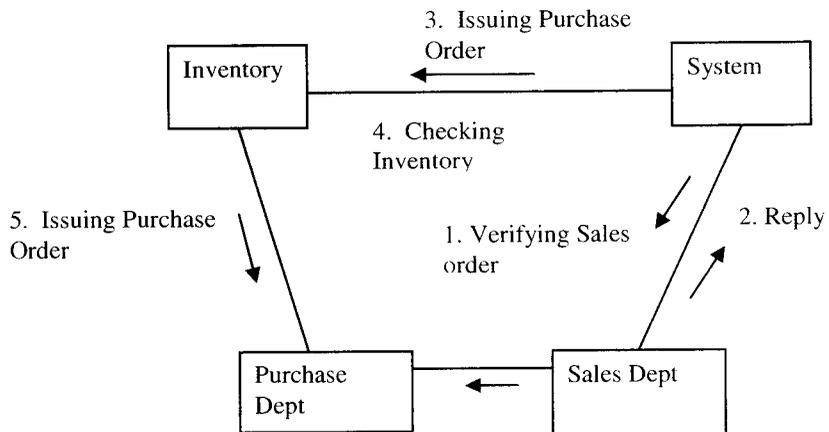


**Figure 4.2.2.4 : Sequence Diagram for Sales Module**

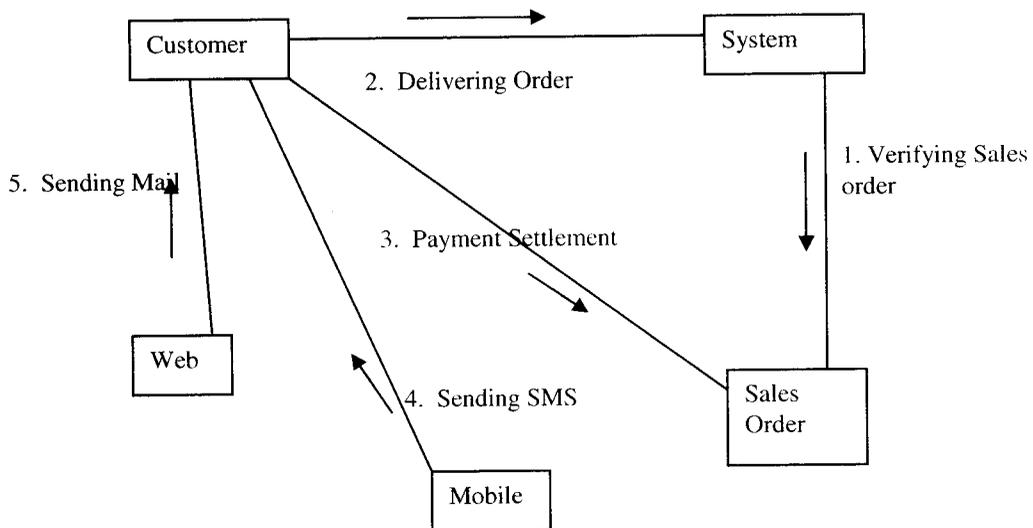


**Figure 4.2.2.5 : Sequence Diagram for Inventory Module**

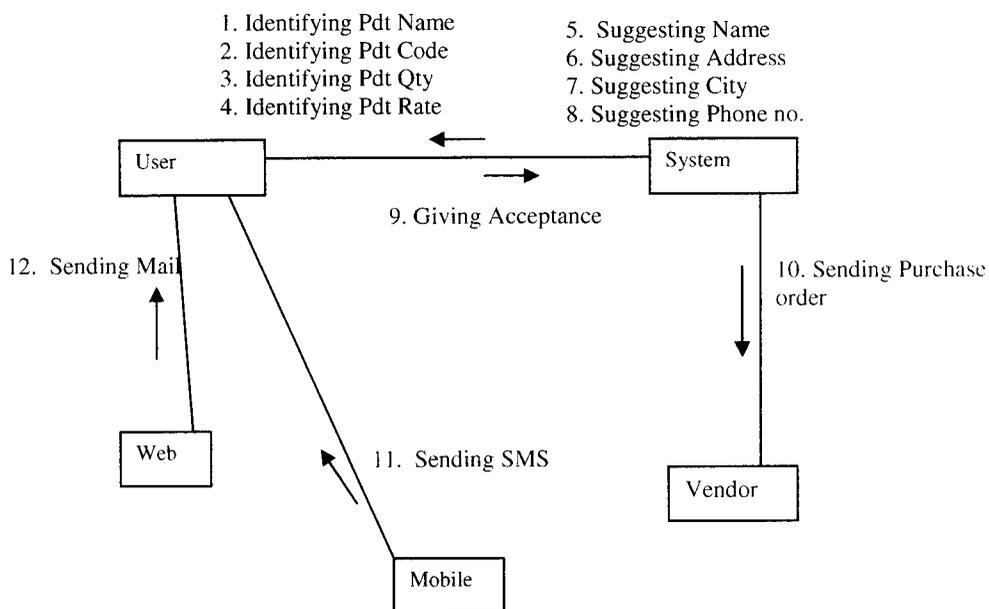
### 4.2.3 COLLABORATION DIAGRAM



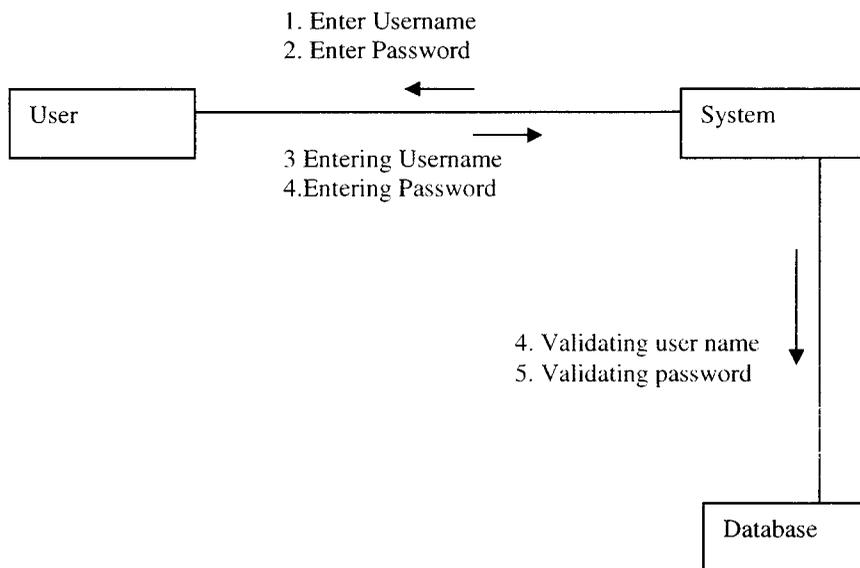
**Figure 4.2.3.1: Collaboration Diagram for Inventory Module**



**Figure 4.2.3.2: Collaboration Diagram for Sales Module**

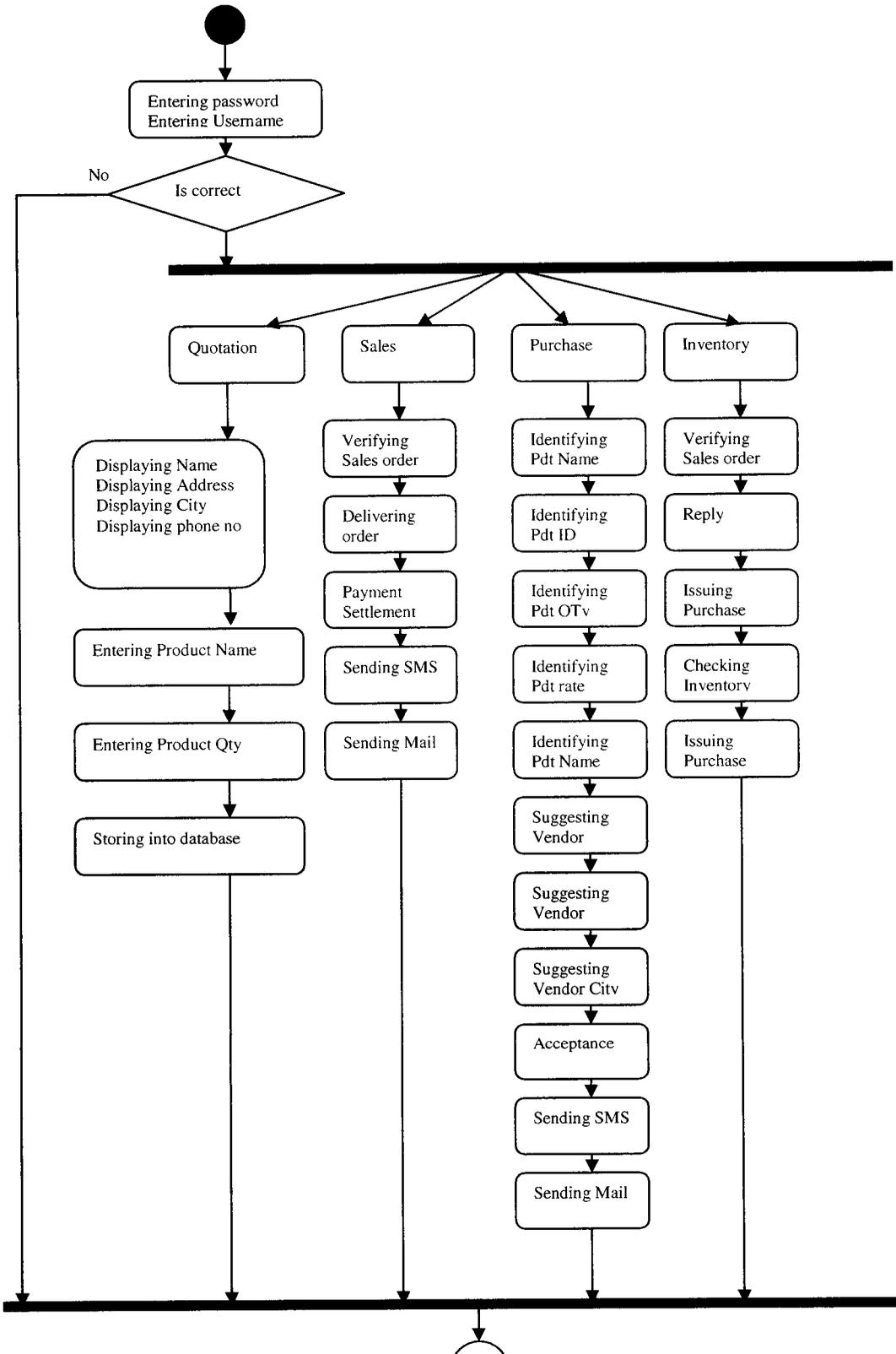


**Figure 4.2.3.3: Collaboration Diagram for Purchase Module**

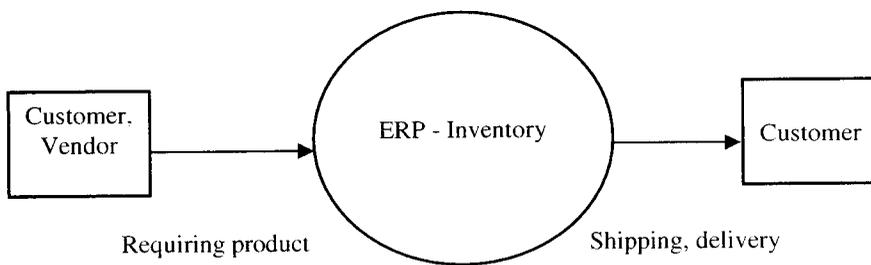


**Figure 4.2.3.4: Collaboration Diagram for Login Module**

4.2.4 ACTIVITY DIAGRAM



#### 4.2.5 DATA FLOW DIAGRAM (DFD)



**Figure 4.2.5.1 : LEVEL 0**

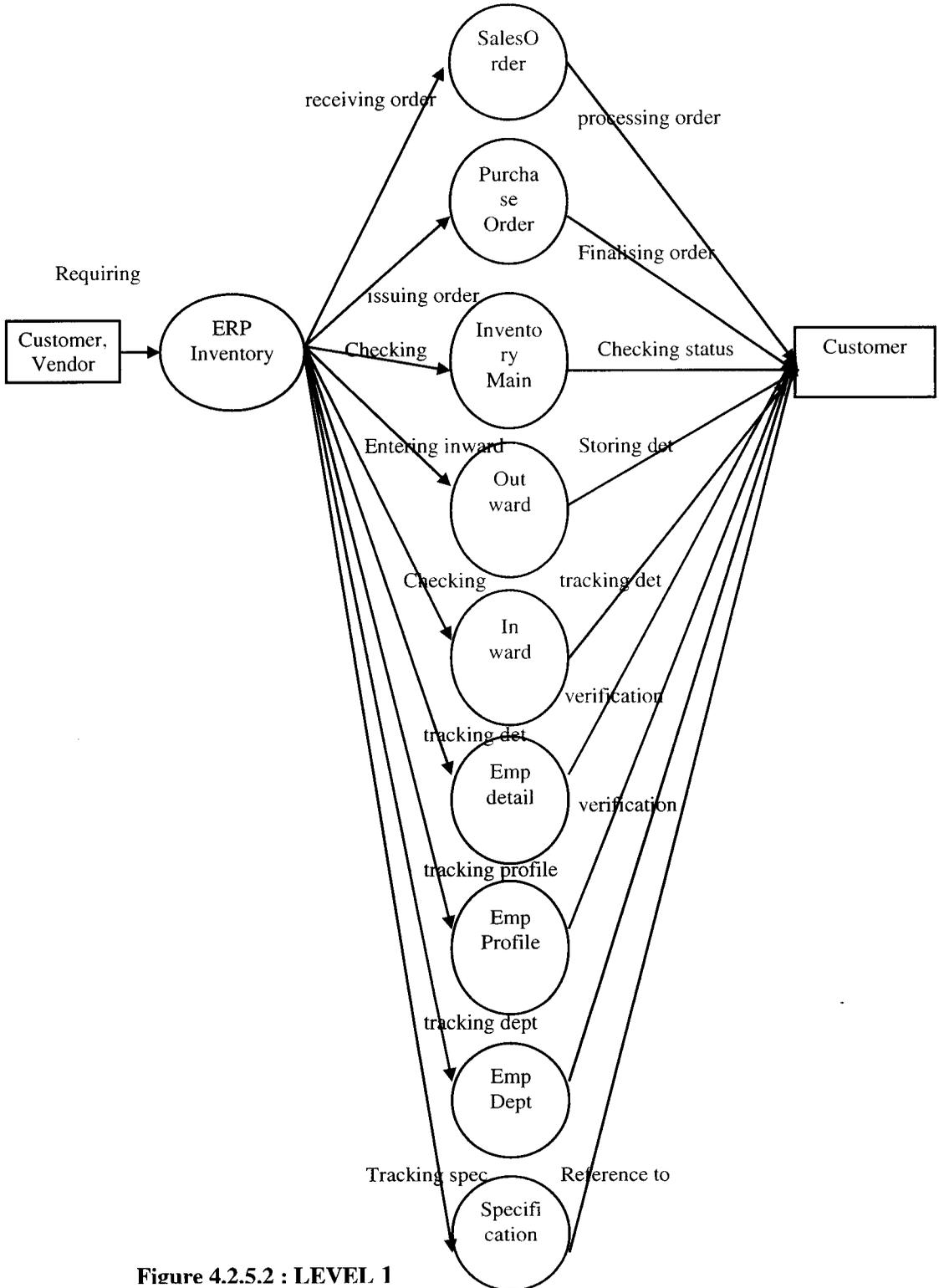


Figure 4.2.5.2 : LEVEL 1

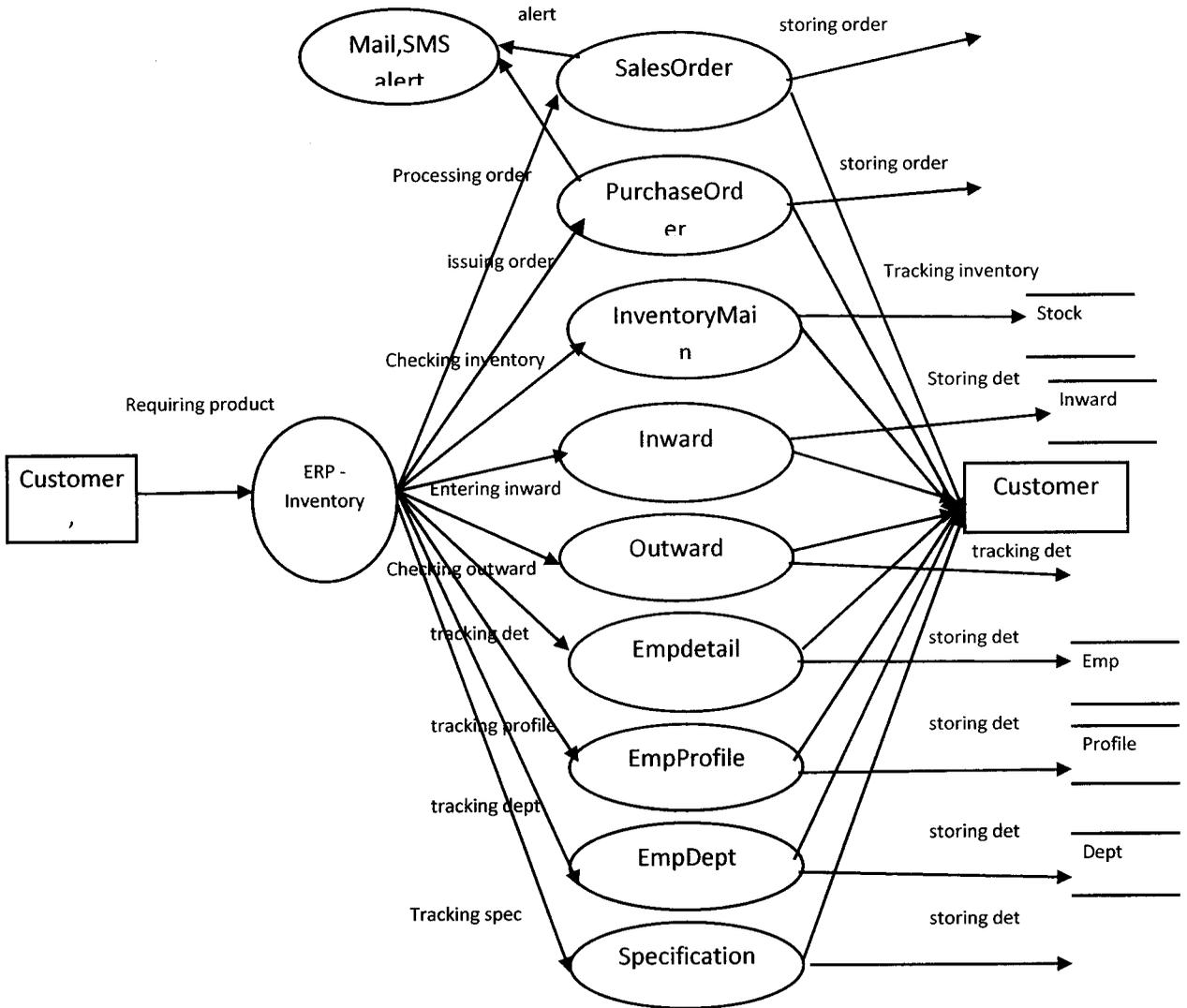


Figure 4.2.5.3 : LEVEL 2

CHAPTER 5  
ARCHITECTURAL DETAILS

5.1 3 TIER ARCHITECTURE

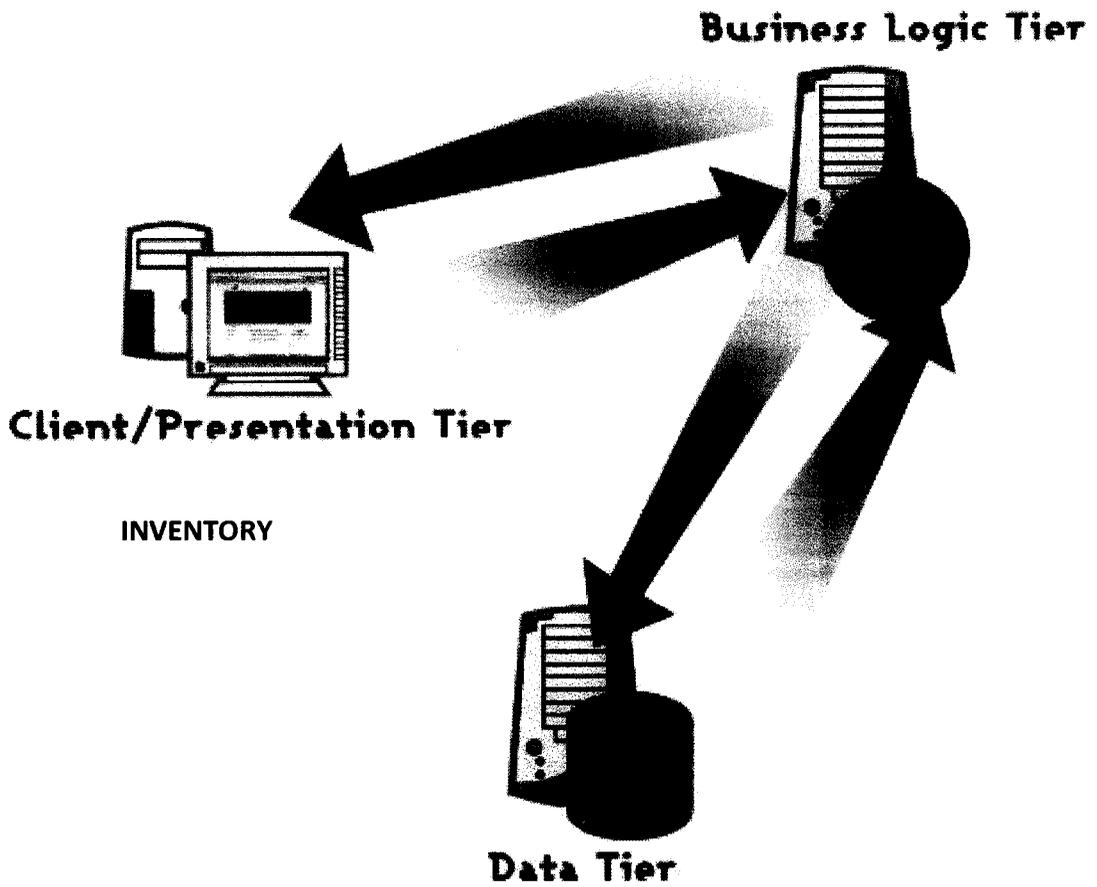


Figure 5.1.1 3 TIER ARCHITECTURE

## CHAPTER 6

### SYSTEM IMPLEMENTATION

#### 6.1 IMPLEMENTATION PROCESS

Implementation is the most important part in Software Development. After the coding phase, implementation is carried out. During this phase the project is tested for validity and connection at real time environment. Once the user is satisfied the system is implemented and online.

##### **Types of Implementation:**

- Implementation of a computer system to replace a manual system.
- Implementation of a new computer system to replace an existing one with demerits.
- Implementation of a modified application to replace an existing one.

The second type of implementation was undergone. The users are provided with a user manual and a live demo is done to depict the usage of the system. The users are said about the benefits of the new system and how it differs from the existing system.

## **CHAPTER 7**

### **TESTING**

Testing is the phase during which a system is checked for its function and performance. Each module in the system is tested individually and then they are integrated and tested. To determine the performance of the system various testing techniques are used. Some of them are as follows.

#### **7.1 UNIT TESTING**

Unit testing focuses verification effort on the smallest unit of software design such as the software component or the module. By means of unit testing the input, Interfaces and output of each module is checked for bugs.

#### **7.2 INTEGRATION TESTING**

Integration Testing is a systematic technique for constructing the software architecture while at the same time it uncovers the errors associated with interfacing. All components are combined into a single unit and tested as a whole.

#### **7.3 ACCEPTANCE TESTING**

Acceptance Testing is done by the customer. It focuses on overall features and functionalities of the system that are visible and reviewable by the customer.

The application is executed by the customer and each of the functionality has been accepted by the customer. The system is accepted by the customer when it satisfies the requirements.

## **CHAPTER 8**

### **PERFORMANCE AND LIMITATIONS**

#### **8.1 MERITS OF THE SYSTEM**

The developed system provides the following advantages.

- Mobile Alerts have been sent to the concerned user about the inventory status.
- Mail Alerts were also rose, providing a detailed description.
- The system provides Flash News Alerts in cases of emergencies like stock underflow and order been cancelled
- No manual work and 98% of the work is a Complete Automated Process

#### **8.2 DEMERITS OF THE SYSTEM**

The system has the following demerits

- Customer is not able to know about the product status.
- Though the communication to the user is efficient , the status keep updating as per the orders are placed.

## **8.3 CONCLUSION AND FUTURE ENHANCEMENTS**

### **8.3.1 Conclusion**

The software “**ERP-Inventory Management Systems**” is implemented to replace the existing system effectively. It eliminates the demerits of the existing system and lets the user in contact in cases of emergencies such as stock underflows. The biggest advantage is the quick retrieval of information, communication to the users and generation of reports. With this application the status of inventory is traced effectively and communicated to the user by means of mails, sms, etc. Thus the system serves robust and proficient.

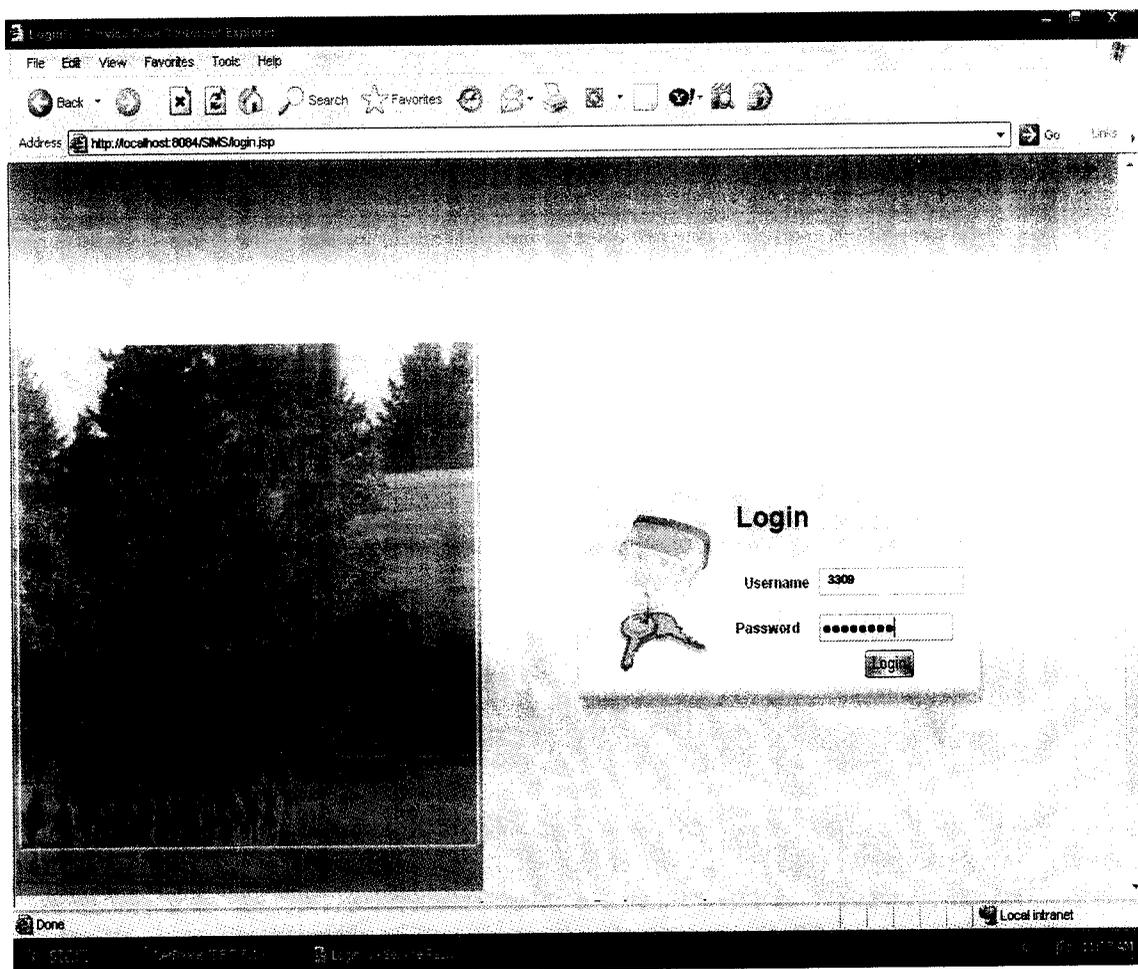
### **8.3.2 Future Enhancement**

- Every customer can receive the status about the order.
- Clearing of log files can be automated.

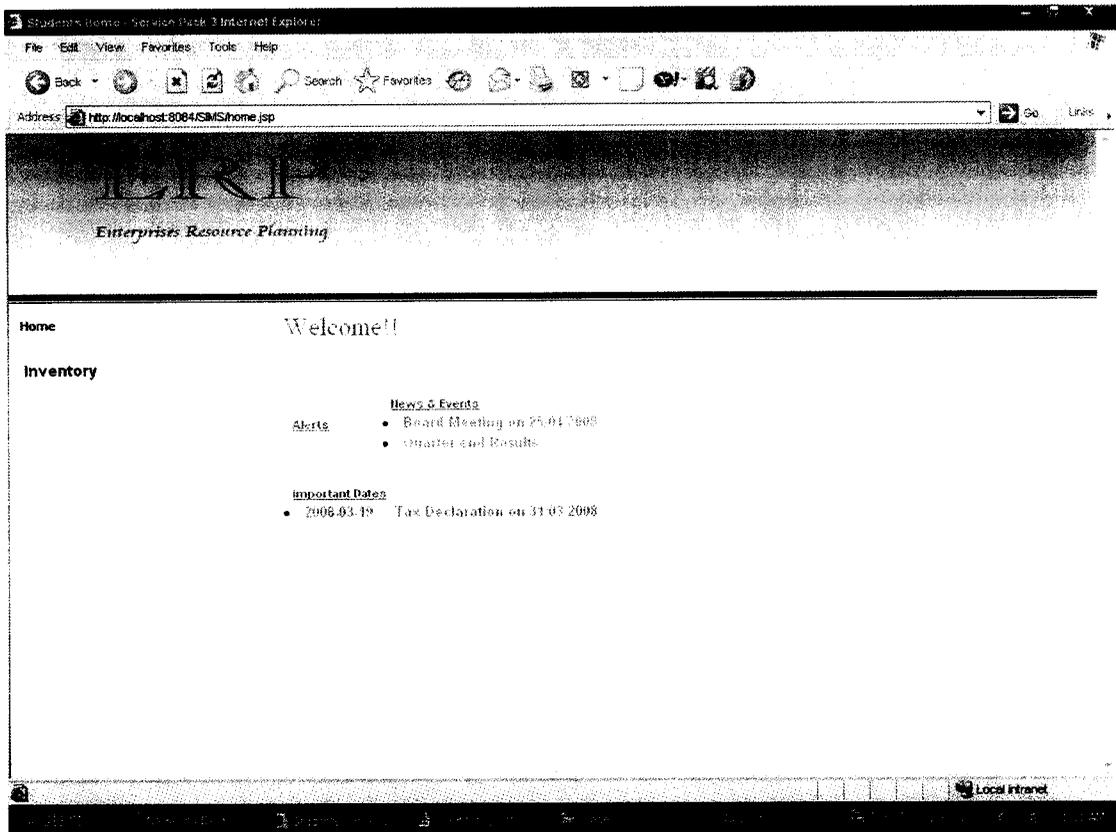
## CHAPTER 9

### APPENDICES

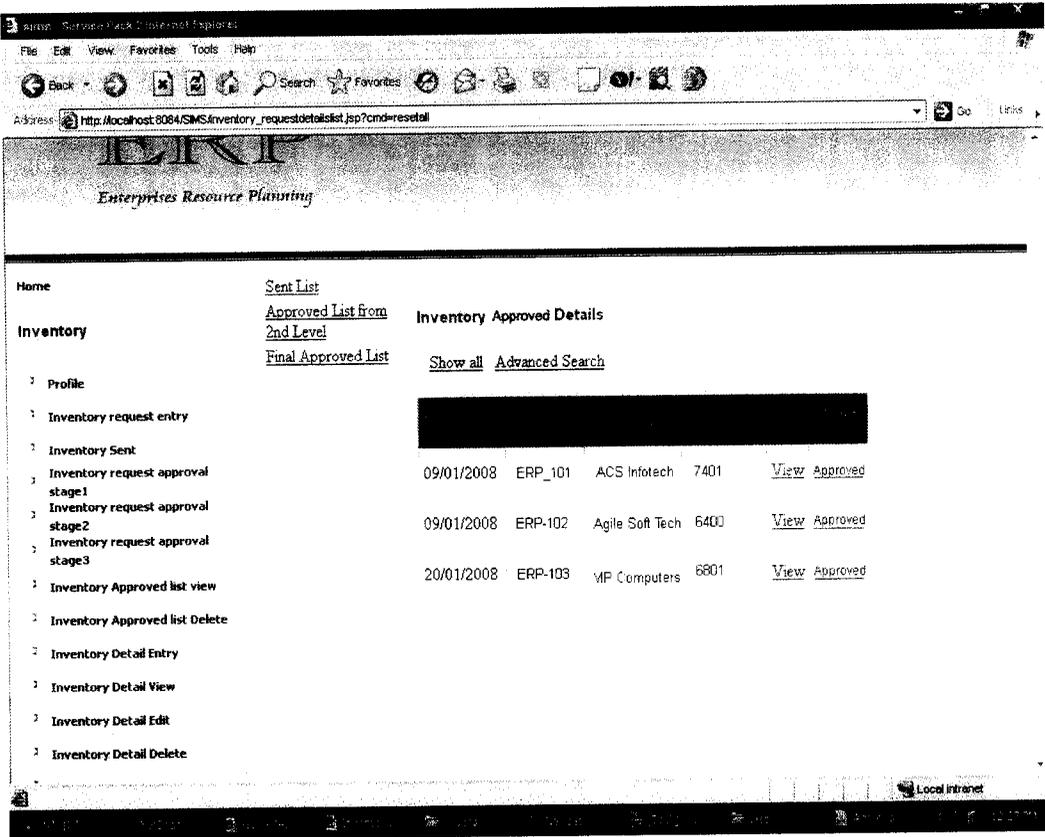
#### 9.1 SCREEN SHOTS :



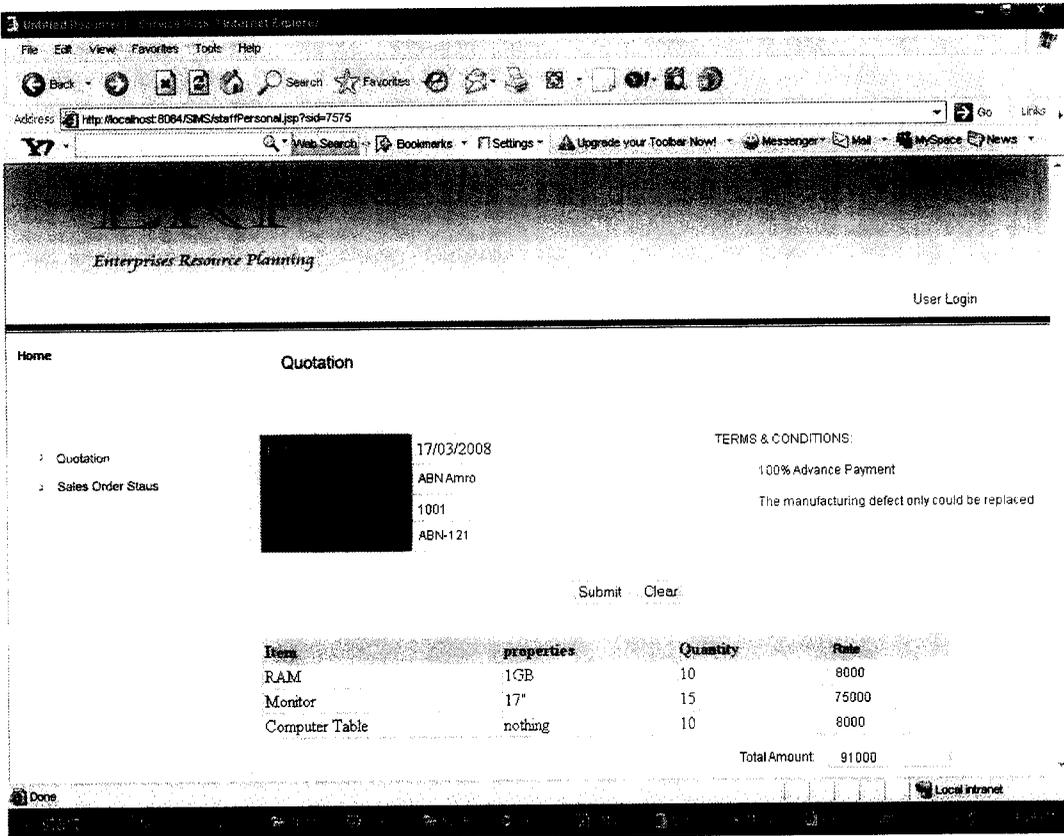
Screenshot 9.1.1 : Login



**Screenshot 9.1.2 : Welcome window with Alert Messages**



**Screenshot 9.1.3 : Inventory Approved Details ( Purchase order Approved)**



**Screenshot 9.1.4 : Customer Login with Quotation**

Internet Explorer

File Edit View Favorites Tools Help

Address: http://localhost:8084/SMS/stafflistfinal.jsp

**ERP**  
Enterprises Resource Planning

**EMPLOYEES LIST**

Home

Inventory

Department: [Dropdown]  
Division: [Dropdown]

Profile

Employee Enrollment [Search]

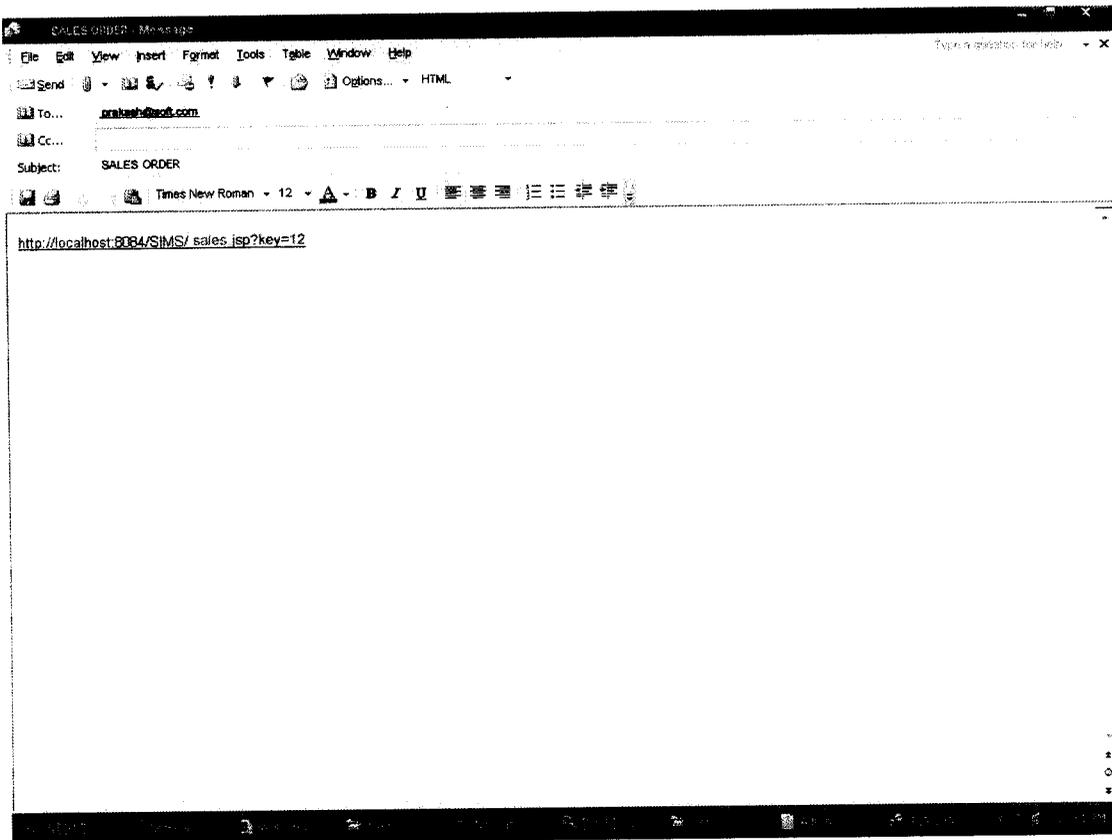
Employee List

Responsibilities

	Employee Name	Employee ID	Designation	Date Joined	Action
Inventory request entry	Suresh	<a href="#">3038</a>	Quality Controller	09/01/2008	<a href="#">Edit/View</a>
	Peter	<a href="#">3039</a>	Inventory Manager	08/01/2008	<a href="#">Edit/View</a>
Inventory Sent	Arun	<a href="#">3040</a>	Customer Executive	09/01/2008	<a href="#">Edit/View</a>
Inventory request approval stage1	Kumar	<a href="#">3041</a>	Customer Execubve	07/01/2008	<a href="#">Edit/View</a>
Inventory request approval stage2	Raja	<a href="#">3042</a>	Product Manager	11/01/2008	<a href="#">Edit/View</a>
Inventory request approval stage3	Chris	<a href="#">3043</a>	Quality Controller	10/01/2008	<a href="#">Edit/View</a>
Inventory Approved list view	Prabhu	<a href="#">admin</a>	Administrator	09/01/2008	<a href="#">Edit/View</a>

Done Local intranet

**Screenshot 9.1.5 : Viewing EmployeeList**



**Screenshot 9.1.6 : Emailing Sales Order**

simla - Internet Explorer 7.0.5730.11

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address: http://localhost:8084/SIMS/inventory\_approvedview\_view.jsp?key=13#

**PURCHASE ORDER**

Home

Inventory

17/03/2008  
prakash  
3000  
ERP-100

Acceptance: Accepted

Item	properties	Quantity	Supplier
RAM	1GB	10	Transcend
Monitor	17"	15	Samsung
Computer Table	nothing	10	Wood

[Save Page](#) | [Print Page](#) | [Email Page](#)

Local Intranet

**Screenshot 9.1.7 : Making PurchaseOrder**

Enterprise Resource Planning

Home

SALES ORDER

Show all

Inventory

Profile	07/01/2008	14/01/2008	Joseph	DT001	DeskTop 001	10	Delivered
Inventory request entry	07/01/2008	15/01/2008	Shalini	LT005	LapTop 005	10	Pending
Inventory Sent	07/01/2008	13/01/2008	Maresh	KB003	Keyboard 003	10	Pending
Inventory request approval stage1	07/01/2008	18/01/2008	Sheik Abdullah	OM006	Optical Mouse 006	15	Pending
Inventory request approval stage2	07/01/2008	11/01/2008	Zaheer Khan	LT011	LapTop 001	3	Pending
Inventory request approval stage3	07/01/2008	09/01/2008	Robert Smith	DT005	DeskTop 005	4	Pending
Inventory Approved list view	07/01/2008	15/01/2008	prakash	RAM02GB	RAM 2GB	12	Pending
Inventory Approved list Delete	09/01/2008	15/01/2008	Kavitha	RAM01GB	RAM 1GB	30	Pending
Inventory Detail Entry	09/01/2008	19/01/2008	Sudha	KB003	Keyboard 003	50	Pending
Inventory Master	09/01/2008	21/01/2008	Saleem	LT009	Laptop 009	7	Delivered
	09/01/2008	23/01/2008	Jeo Varghese	OM110	Optical Mouse 110	30	Pending

Local Intranet

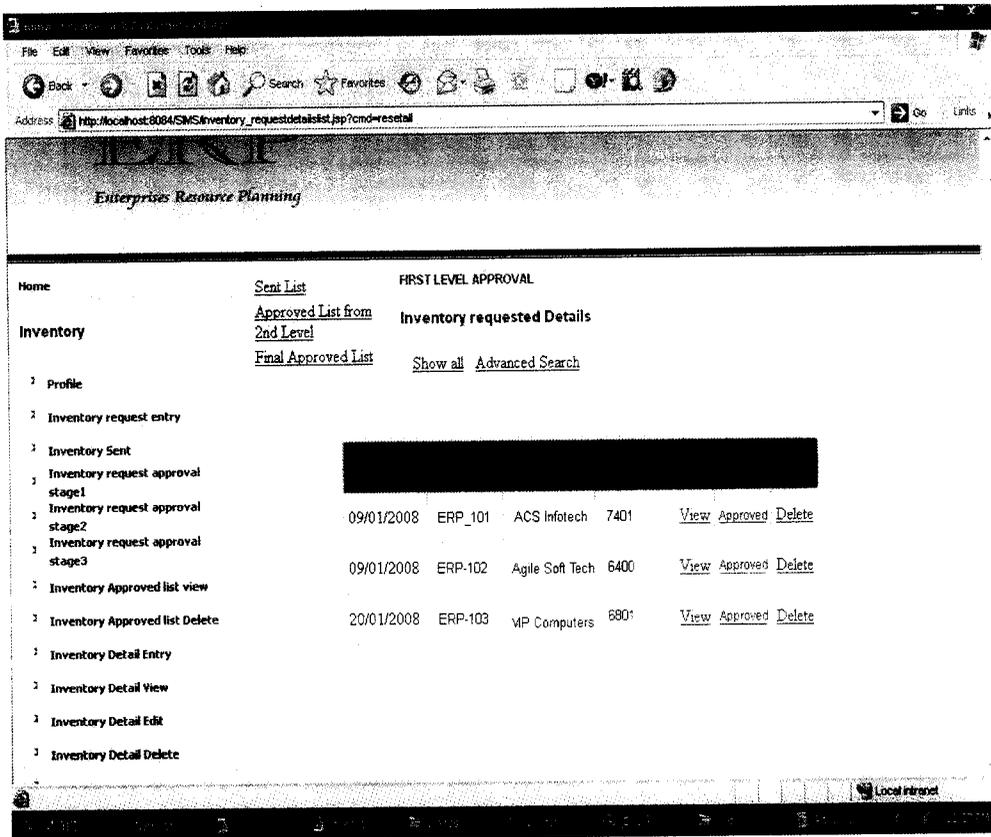
Screenshot 9.1.8 : Sales Order

The screenshot shows a web browser window with the following details:

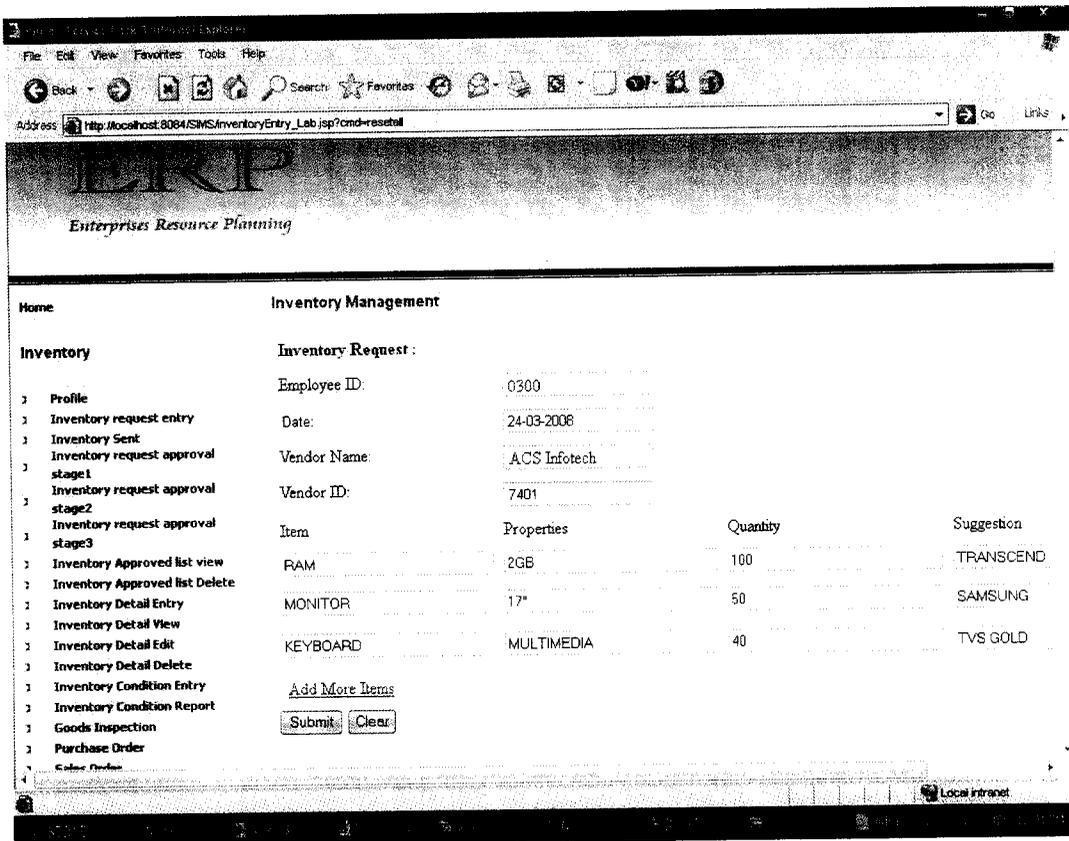
- Browser:** Internet Explorer (version 6.0.2600.5512)
- Address Bar:** http://localhost:8084/SMS/StaffPersonal.jsp?sid=0031
- Page Title:** Enterprise Resource Planning
- Navigation Menu (Left):**
  - Home
  - Inventory
    - Profile
    - Employee Enrollment
    - Employee List
    - Responsibilities
    - Inventory request entry
    - Inventory Sent
      - Inventory request approval stage1
      - Inventory request approval stage2
      - Inventory request approval stage3
    - Inventory Approved list view

- PERSONAL DETAILS (Right):**
- Navigation Links:** [Personal Info](#), [Educational Details](#), [Experience Details](#), [Other Details](#)
- Employee Information:**
  - Employee First Name : Kavitha
  - Employee Last Name : Murugesan
  - Employee ID : 0011
  - Date Of Birth : 08/01/1982
  - Marital Status : Single
  - Employee Mobile Number : 9840460600
  - Date of Joined : 09/01/2008
  - Designation : Inventory Manager
  - Father Name : Murugesan
- Communication Details:**
  - Permanent Address : #10/17, Rammagar, 7th Street, Velachery, Chennai-600042

Screenshot 9.1.9 : Employee Details



**Screenshot 9.2.0 :Inventory Requesting Details**



**Screenshot 9.2.1 : Made Inventory Entries**

Done Local intranet

Enterprise Resource Planning

User Login

Home

Quotation

Sales Order Status

**CUSTOMER DETAILS**

Customer First Name : Sudha

Customer Last Name : Murugesan

Customer Number : 0073

Date Of Birth : 24/01/2008

Customer Mobile Number : 9840462622

E-Mail ID : sudha\_mm@gmail.com

**Communication Details:**

Permanent Address : 102, Ashok Nagar,  
Vadpalani,  
Chennai-600109

Permanent Contact : 04423234543

**Screenshot 9.2.2 : Listing Customer Details**

Home **GOODS INSPECTION**

Inventory

RECEIVING GOODS:

Product ID:

Goods Acceptance:

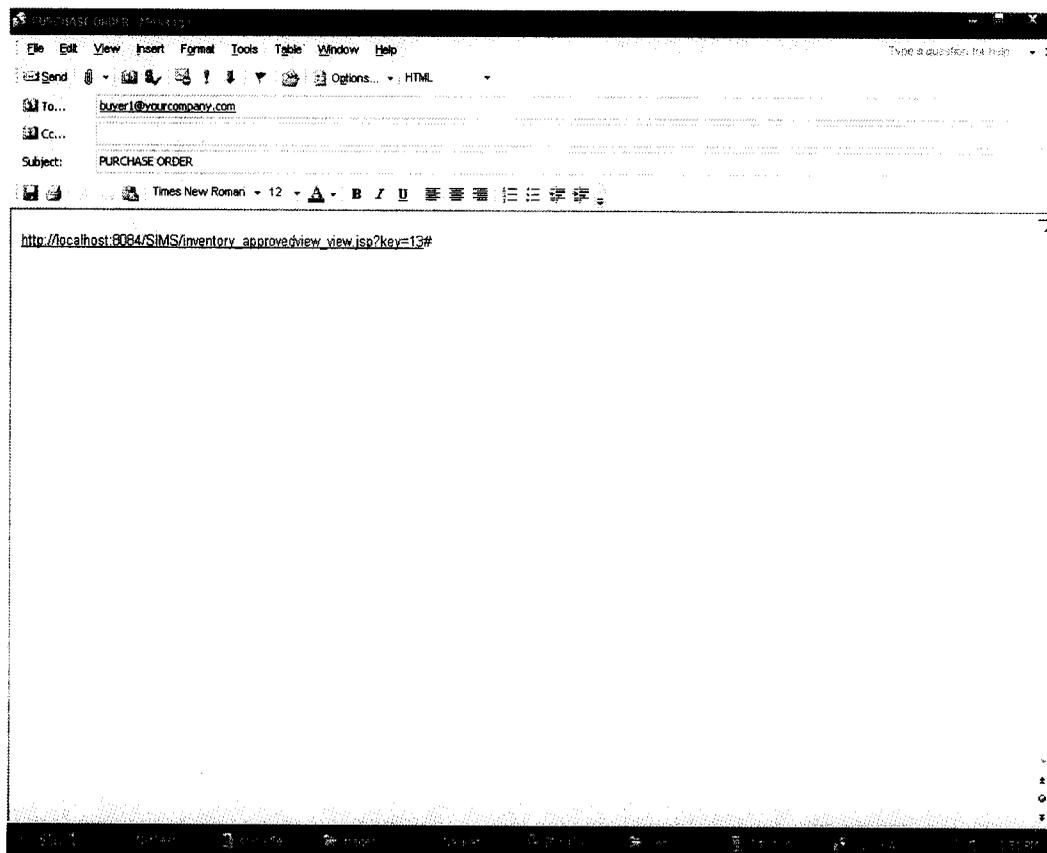
Item	Properties	Quantity
PAM	2GB	100

Local intranet

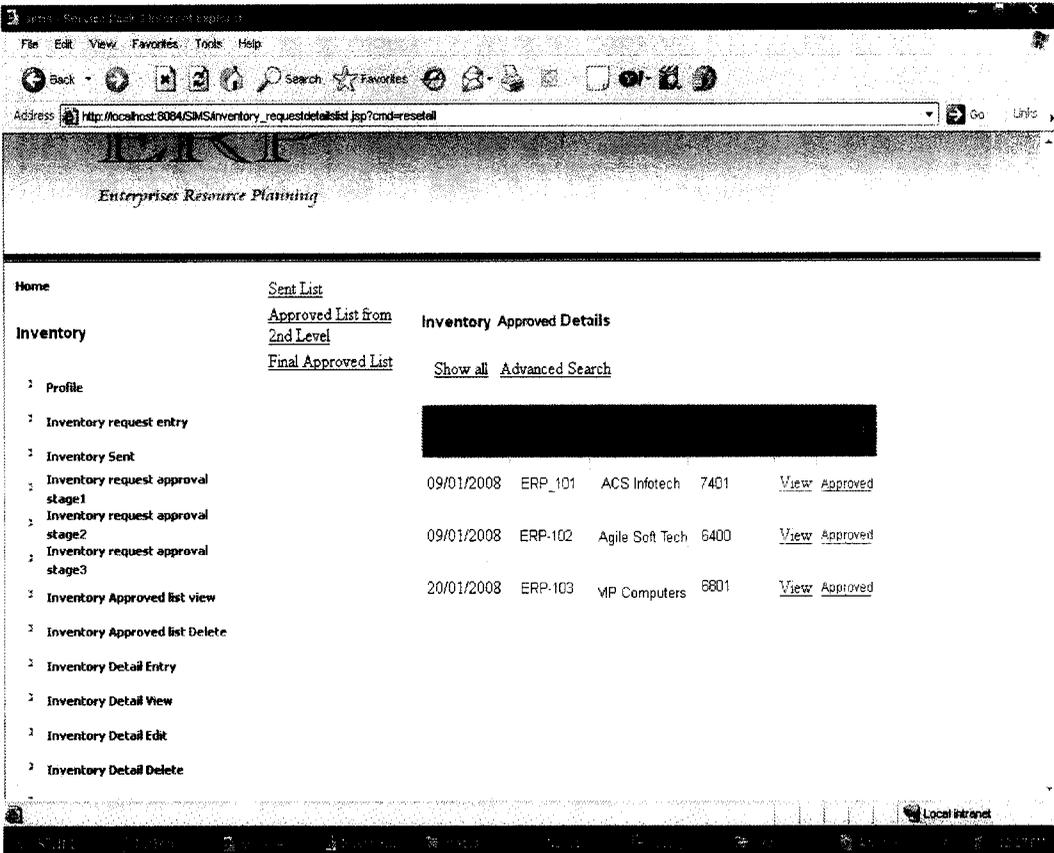
Inventory menu items:

- Profile
- Inventory request entry
- Inventory Sent
- Inventory request approval stage1
- Inventory request approval stage2
- Inventory request approval stage3
- Inventory Approved list view
- Inventory Approved list Delete
- Inventory Detail Entry
- Inventory Master
- Inventory Detail Edit
- Inventory Detail Delete
- Inventory Condition Entry
- Inventory Condition Report
- Goods Inspection
- Purchase Order

**Screenshot 9.2.3 : Goods Inspection**



**Screenshot 9.2.5 : EMailng Purchase Order**



**Screenshot 9.2.6 : Purchased Order Status**

Enterprise Resource Planning

**INVENTORY MASTER**

[Show all](#) [Advanced Search](#)

Computer	Intel	10
Table	Fiber	15
Chairs	Steel	50
RAM	512MB	10
RAM	1GB	100
MONITOR	17"	500
KEYBOARD	Multimedia	400
MOUSE	Optical	300

Page 1 of 1

Records 1 to 8 of 8

Local Intranet

**Screenshot 9.2.7 : Viewing Inventory Table**

## **CHAPTER 10**

### **REFERENCES**

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- Ed Roman (2000),Mastering Enterprise JavaBeans,Galgotia Publications.

#### **10.2 ONLINE REFERENCE:**

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2. [www.wikipedia.org](http://www.wikipedia.org)
3. [www.jstut.com](http://www.jstut.com)
4. [www.apl.jhu.edu](http://www.apl.jhu.edu)
5. [www.roseindia.net](http://www.roseindia.net)
6. [www.sun.com](http://www.sun.com)