

**INDIRA GANDHI NATIONAL OPEN UNIVERSITY**

**BCSP -064**

**(RAJAN TECH-SUPPORT Management System)**

**SUBMITTED BY**

**RAJAN KUMAR PANDEY**

**Enrolment No: 197413081**

*Under Guidance Of*

**SHYAMBHAVI MAWAR**

**Submitted To the School Of Computer and Information Sciences, IGNOU in  
Partial Fulfilment of the Requirements for the Award of the Degree**

**Bachelor of Computer Applications (BCA)**

**Year of Submission**

**2022-2023**



**Indira Gandhi National Open University**

**Maidan Garhi**

**New Delhi – 110068.**

**New Delhi – 110068.**

**IX. Certificate of Originality**

This is certified that the project report entitled (RAJAN TECH-SUPPORT Management System) submitted to **Gandhi National Open University** in partial fulfillment of the requirement for the award of **BACHELOR COMPUTER APPLICATION (BCA)**, is an original work carried out by Mr. RAJAN KUMAR PANDEY **Enrolment No. 197413081** under guidance of Mr. **SHYAMBHAVI MAWAR**. The matter embodies in this project is a genuine work done by the student and has not been submitted whether to this university or to any other university/Institute for the fulfillment of the requirement of any course of study.

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Signature of Student:

Date: 28/11/2023

Name & Address of the Student:

**RAJAN KUMAR PANDEY**, F-47, FIRST FLOOR  
Gali No-10, Om Vihar Uttam Nagar, 110059

Signature of the Guide:

Date: 27/11/2023

Name, Designation Address of the Guide

**SHYAMBHAVI MAWAR**, IT CONSULTANT,  
B 105, FF, Jeewan Park, som bazar  
Road, uttam nagar, New Delhi 110059

Enrolment No: - **197413081**

## **ACKNOWLEDGEMENT**

**I, RAJAN KUMAR PANDEY** Enrolment No: 197413081 student of **BCA** express my sincere thanks to the “**Indira Gandhi National Open University**” which has given me the opportunity to pursue BCA Course. I would like to express my whole hearted thanks to **SHYAMBHAVI MAWAR**, my project guide for his encouragement and guidance, which helped me in completing my project.

Finally, I would like to thank my colleagues and friends who helped me in completing the project successfully.

**Program Code: BCA**

**Enrolment NO: - 197413081**

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# Guide-Biodata

## Shyambhavi Mawar

IT Consultant

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Flexible IT Consultant with years helping clients ranging from individuals to enterprises maintains smooth operations. Known for rapidly and effectively resolving downtime and efficiently integrating new hardware and components. Excellent capacity for analyzing various problems under high pressure environment. Knowledgeable and ready to undertake management of challenging technical environments. Looking for the challenging and responsible position that will enable to utilize my talent & qualification for the benefit of the Organization and explore strength and potential in an organization.

Total work experience in IT field is more than 3+ yrs.



### Skills

- Working knowledge of Windows OS platforms
- Knowledge of Microsoft Office365 and Azure portal
- Knowledge of Exchange online and PowerShell
- Knowledge of Routing Protocol like RIP, EIGRP, OSPF and BGP

## Work History

- Sound knowledge of OSI 7 Layer Model, TCP/IP, DNS, DHCP
- Knowledge of LAN technologies, Switches, Cables, Bridges
- Windows Installation and troubleshooting
- Computer Hardware Knowledge and Troubleshooting

### **2021-10 - current. Specialist**

#### *HCL Technologies*

- Infrastructure maintenance of Client
- Implement cloud infrastructure monitoring
- Implement storage accounts
- Implement Virtual Network
- Implement Active Directory
- Implement NoSQL databases
- Implement Azure SQL databases
- Managing Exchange servers 2016,2019
- Developing Sharepoint links, portal, documents, helpdesk tool in c#.

2020-10 - 2021-10

### **Support Technician**

#### *Rackspace*

- Support customer over chat and ticket. Resolving issue of Rackspace hosted cloud which include Rackspace emails, Hosted exchange, Sharepoint.
- Migrating emails from different service providers to Rackspace which includes Rackspace emails, Hosted Exchange or O365
- Working on internal tool such as Quickr, RT etc
- Managing Exchange server 2019, 2016
- Implementing and managing Active directory
- Implementing cloud Environment

2019-12 - 2020-10

## Senior Technical Support Engineer

*Concentrix, Gurugram (Formerly Convergys)*

- Responded to support requests from Global Admins and patiently walked individuals through basic troubleshooting tasks.
- Followed up with clients to verify optimal customer satisfaction following support engagement and problem resolution.
- Devised solutions to operations issues related to Office 365 Exchange online, Azure portal & Sharepoint working closely via phone, email.
- Troubleshooting Microsoft O365 portal for Exchange Online issue, mail flow, Transport rule
- Troubleshooting Security and compliance (Microsoft O365) for Data loss and prevention, Retention policy, Auditing etc.
- Hands-on Powershell cmdlet for troubleshooting Exchange online

2018-07 - 2019-12

## PGT Teacher

*Andra Education Society, Delhi, Delhi*

- Set up computers and networking systems and delivered step-by-step instructions on basic use.
- Planned and implemented curriculum to teach up-to-date technology to students.
- Teaching 9<sup>th</sup> and 10<sup>th</sup> student IT and 11<sup>th</sup> and 12<sup>th</sup> students Python.
- Helped students in developing projects

2014-07 - 2015-09

## Network Engineer

*Sharma And Associates, Delhi, Delhi*

- Managed application patches, data backup, security changes and network configuration and replaced boards, changed servers and loaded and tested software applications.
- Managed, tracked and coordinated problem resolution and escalation processes.
- Administered and prepared programs for IP addresses, provide Tier I support to end users.

## Certification

- 
- MS 100 Microsoft 365 Identity and services
  - MS 101 Microsoft Mobility and security
  - AZ 900 Microsoft Azure Fundamental
  - AZ 204 Developing solution for Microsoft Azure
  - CCNA R&S
  - CCNP R&S
  - CCNA Sec



## Education

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2015-07 - 2018-01

### **Masters of Computer Applications:**

IGNOU – Delhi

Developed software in ASP.NET

2012-07 - 2016-01

### **Bachelors of Computer Applications:**

IGNOU – Delhi

Developed software in Core Java



## Accomplishment

- Resolved product issue through consumer testing.
- Documented and resolved issues
- Free-lancer website development for client



## Additional Information

Reading & learning new skills Powerlifting, weightlifting Played

National Level Strength Lifting.

Bronze & silver medalist in powerlifting in Delhi state. Silver medalist in bench press in powerlifting in Delhi state.

Place: New Delhi

Date: 28<sup>th</sup> Nov, 2023

SHYAMBHAVI



**Title of Project:-** RTSMS (RAJAN TECH-SUPPORT Management System)

## **INTRODUCTION:-**

“RAJAN TECH SUPPORT” is an ISO-9001-2000 certified company .It is one of the largest technical support company in Delhi NCR. Its headquarter is situated in DELHI. It is reached out to millions of clients since its founding in 2002. This company was started by Mr. Rakesh Aggarwal since 4<sup>th</sup> October 2002 as a small business in Delhi and since then it has grown advance in terms of facilities and income With hundreds of Microsoft certified systems Engineers (MCSE) figuring amongst our one time service technicians, we give remotely managed computer repair service a new complexion. It is a leading provider of technical support services to client and small businesses across a wide range of computing and communications devices and software. RAJAN delivers support services to millions of clients globally and its services are available on a 24/7 basis 365 days a year. RAJAN offers incident based services for tech support and long-term unlimited subscription plans from one to three years. Clients can choose from various channels to contact RAJAN including web-based support, real-time phone, chat, and e-mail or on-ground technicians. It offers a comprehensive suite of service offerings, including diagnosis and repair, installation and maintenance services for multiple devices, software applications. Clients can rely on RAJAN to address many of their technical support needs and avoid the complexities of working with multiple support providers associated with each individual device or software application they purchase. We also now start the dealing with international clients.

Taking security as an issue consideration some password or restriction security is provided to the system so that administrator can maintain daily updates in the database. Administrator can change password as per the requirement. There is the facility providing for password recovery, logout etc. Security and privacy are two major requirements of most of the companies, Company also wants to use good security features for its system. As a result of which the software should Have good password or any other authentication feature. We also provide the “LOGIN” facility to the client so that they can get help via logging their own profile. “RAJAN TECH SUPPORT “documents every problem, solution, and relevant hardware and software specs while capturing each client’s demographic information, and creates a behavioral profile. All this information is available at the fingertips of RAJAN TECH Experts, combining a powerful knowledge base with a comprehensive set of tools and technology expertise that can be accessed on demand to deliver quality tech support any time of the day and any time of the year.

## **OBJECTIVE:-**

“RAJAN TECH SUPPORT” wants to provide a better service to the client with the help of computerized system and own company web site. The main motive over the web site design to provide online technical services to the client, provide the solution for client management, generate reports, graphs based one client analysis. The computer repair services offered by Omni Tech Support (OTS) are the best in the industry. OTS' Remote Management Services deploys services to equipment installed behind client firewalls securely, via the Internet. Our solution has been designed with objectives of high performance & security at every level of its architecture. It makes use of Web services to communicate over the Internet and links OTS equipment to a central server at the OTS support center.

Through Remote Management Services, your computers can now provide performance data and alerts to our support team so that we can deliver proactive, rapid computer repair and support services with advanced remote troubleshooting capabilities. Our goal is to reduce time-to-repair, and increase reliability and uptime. The “RAJAN TECH SUPPORT” has millions of client all over the INDIA now including some international clients also due to its good technical service and honest support relationship with client. The company is not used any web site and they do all work manually. If we will develop this web site, the company gets benefits by money and time; and it can help those people who are facing some technical problem and they don't have time to go out for the solution. So this web site will not only good in terms of service but it will good in the time saving of clients as well.

The two major technical support components of OTS' Remote Management Services are:

- Agent
  - The Agent will be installed at your site.
  - The Agent software that handles Remote Management Services functions at your site.
- Server
  - Server resides within our support center at OTS.

The OTS provides to following facility to the client:

- Monthly PC Maintenance & Technical Support
- Computer Optimization
- Windows Support
- Printer Support
- Internet Support
- Virus Removal
- Spyware/Adware Removal
- Digital Camera Support and MP3 Support

➤ Support for Microsoft Office Products

We will provide a help line number also to the website so that client can call directly to our technician and can get help from them. So after visiting our web site client don't have wait for a technician to get back to them! They can have **Immediate IT services and** ongoing protection, too, **when they need** and so that they'll actually need it less often.

### **DEMERITS OF EXISTING SYSTEM:-**

- It is not possible to keep records of clients in the file system manner. Company is facing problem because It doesn't have any database.
- Company is unable to maintain a profile for getting international clients.
- It is not possible to check for the details of the client at each time of transaction.
- The current company is closing many clients due to delay in service.
- Because of not having website the company is unable to advertise the facilities provided by them. The small banners and pamphlets are not enough to enhance the company profile and the services provided by that.
- The technical problems are the major problem of any person and they need the solution as soon as possible but the company is unable to provide the services one client at a time in a given time period through offline mode.
- Company is facing problem to maintain the security.
- Company is unable to maintain the profile and salary records of working employee.
- Company is unable to provide the good services manually to the client.
- Company is not able to check its unnecessary expenses to maximize its profit.
- Company gives the tender to a private market analysis which increased its expense.
- The company is unable to understand the market need.
- It is not able to predict the future demand in the field of technical support.

## **MERITS OF PROPOSED SYSTEM:-**

- The proposed system is able to maintain the client and employee records with the help of database.
- Because of having the website the proposed system can deal with the client at any time by online.
- The proposed system has enhanced its services with the help of website.
- Many national and international clients have become the member of company by online system.
- Due to website system, proposed system has started contracting with many other companies like Microsoft, HCL etc.
- Company can deliver better services to its dealer.
- Company will be able to predict the future demand of the hardware and software by the help of various automated graphs and reports.
- The proposed System provides a helpline number so that client can get help anywhere any time just by dialing that number and they will get automatically connected to experts via IVR (Interactive Voice Response).
- Proposed system provides the different technician for different works.
- The proposed system provides the security facility
- The proposed system provides the login and log out facility to the client and the employee as well, so that they work in their own profile which can help in the database for storing the query asked by the client and the solution provided by the expert to them. Those details will help in the further query.
- The proposed system provides the following facility to the client:
  - Monthly PC Maintenance & Technical Support
  - Computer Optimization
  - Windows Support
  - Printer Support
  - Internet Support

## **PROJECT CATEGORY:-RDBMS (Relational Database Management System)**

The undergoing project falls under Internet technologies & RDBMS (Relational Database Management System) category.

JSP (Java Server Pages) is a server page for building web-based applications. It offers outstanding support for both developers and administrators, providing improved ease-of-use, tool support, reliability, scalability, administration and security.

The *Oracle* includes following features:-

- Queries
- Constraints
- Procedures
- Triggers
- Batch Implementation
- Functions
- Cursors
- Stored Procedures

## **MODULES:-**

❖ Information Exchange Management System  
❖ Hardware Management System ❖ Software Management System ❖ Employee Management System ❖ Client Management System ❖ Security Management System ❖ Support service Management System ❖ Transaction Management System ❖ Office Account Management System

**INFORMATION EXCHANGE MANAGEMENT SYSTEM:**-It contains the desired enquiry regarding any software or services provided by the company. It helps the client in terms of enquiry that can be based on the following types:

- Types of facilities provided by the company by online and offline.
- Payment option.
- Address of the company.
- The contact number

It contains all the details of working employee and non working employee and the category based on technical and non technical employee. It contains the details about the salary of entire employee, profit and loss of the company, expenses of company. It contains information about the management of entire system. Enquiry system contains the information about the shared companies and websites who are dealing with the company and the inquiry about the third party involvement.

### **Web-pages:-**

- Enquiry feedback page.
- Facility enquiry page.
- Employee enquiry page.
- Third party involvement page.
- Client enquiry page.
- Income and Expense enquiry page.

### **REPORTS:-**

- Enquiry feedback weekly report. ▪ Existing facility feedback report.
- Addition of new technology or facility report.
- Employee enquiry monthly report.
- Third party details report.
- Client enquiry weekly report.
- Income and Expense yearly report.

**HARDWARE MANAGEMENT SYSTEM:** - In information technology, hardware is the physical aspect of computers, telecommunications, and other devices. The hardware management system contains all the details about the hardware devices working under the entire system of company.

The details can be follows:- •

About RAM.

- About ROM.
- About HARD DISK.
- About Processor.
- About all the basic hardware system has been used for the company either it can be for website or the internal component of company

### **WEB-PAGES:-**

- Hardware record entry page.
- Hardware record modification page.
- New hardware details page.
- Hardware record analysis page. ▪ Hardware record view page.

**REPORTS:-**

- Existing hardware monthly report for website.
- Existing hardware monthly report for internal component.
- New hardware record report for website.
- New hardware record report for internal component.
- Hardware expense monthly report.

**SOFTWARE MANAGEMENT SYSTEM:-** Organized Performance In The Form Of Operating Systems, Utilities, Programs, And Applications That Enable Computers To Work. Software Consists Of Carefully Organized Instructions And Code Written By Programmers In Any Of Various Special Computer Languages.

**Software Is Divided Commonly Into Two Main Categories:**

- System Software: Controls The Basic (And Invisible To The User) Functions Of A Computer And Comes Usually Preinstalled With The Machine. See Also BIOS And Operating System.
- Application Software: Handles Multitudes Of Common And Specialized Tasks A User Wants To Per Page, Such As Accounting, Communicating, Data Processing, Word Processing.
- 

This System Contains The Details About The Operating System Which Is Working Under This Company's Website And All The Details Of Other Software Which Is Used For The Company. According To The Module We Want To Say That We Want All The Details What You Want From The Site .Which Type Of The Software Support User Want From Us.

**WEB PAGE:-**

- Software record entry page.
- Software search page.
- Software category analysis page.
- Software record modification deletion page.
- Software license review page.

**REPORTS:-**

- Software record registration report.
- Software search analysis report.
- Software category analysis report.
- Annually Software record modification deletion report.
- Annually Software license review report.

**EMPLOYEE MANAGEMENT SYSTEM:** - This Process Helps To Analyze The Efficiency Of The Technical And Non Technical Employee Appointed By The Company. It Also Helps For Deciding The Commission Ratio And Other Benefits That The Employee Can Avail The Basis Of Their Performance. This Module Is Used To Find The Performance Analyzing Of The Employee This Module Will Define The Best Or Worst Output Of The Employee Toward Company As Well Clients. This Module Also Takes The Feedback From The Client Regarding The Help Or Service Provided By The Technician Or Non Technician Employee With The Help Of Feedback Page Or Via Mobile SMS. The Company Uses This System As A Performance And Promotion Notable System For Its Employees.

**WEB PAGES:-**

- Employee feedback page
- Employee attendance page
- Employee record updating page
- Employee salary page
- Employee leave page
- New employee entry page

**REPORTS:-**

- Employee attendance monthly report
- Employee salary monthly report
- Employee leave monthly report
- New employee entry monthly report
- Employee attendance yearly report
- Employee salary yearly report
- Employee leaves yearly report.

**CLIENT MANAGEMENT SYSTEM:** - The client management system keeps the details of clients; It can easily maintain the security system. In this module the facility provided to user is **login** and **logout** facility by which they can login their own profile and can get help easily by connecting to the technicians. If the client forgot his or her password then they can retrieve password from forgot password page; as they click on that link the reset password link will be sent by the security employee to their provided email or the code will be sent on their provided phone number through which they can set their password again. This module gives the facility of feedback to client on whom they can provide the feedback regarding the service provided to them and that feedback record is saved in the company's user database which can be used for improving the company's profile.

## **WEB-PAGES:-**

- Client Login page.
- Client account creation page.
- Client account modification page.
- Client account deletion page. ▪ Client feedback page.

## **REPORTS:**

- Client registration report.
- Client record modification report.
- Client record deletion report.
- Client record view report.
- Client feedback view report.

## **SECURITY MANAGEMENT SYSTEM: -**

This module contains all the security system of company, web site and client as well. According to this module no one have right to delete or update the database rather than DBA(data base administrator).In this module there is separate account of DBA, employees and client and everyone have their own rights; no one can see each other's profile because the account is secured with the **username** and **password**. The client can get all the necessary help by logging their account by simply secured username and password and if they forget their password they can request for new password from the account holder manager; he will send the link or the code to the client's registered email or phone number for reset the password. The same thing will happen for the employee also. For entry of employee in the company the employee have to scan their thumb in the scanner by providing the unique identity code in the login entering machine so that company can see that the user is correct. Every software is secured with the password and pin code. So one can use the software without the pin and that pin is provided to the specified employee.

## **WEB PAGE:-**

- Client's login page.
- Employee's login page.
- User account signup page.
- User account profile management page. ▪ Registered user view page.

## **REPORT:-**

- Clients account's updating monthly report.
- Employees account's updating monthly report.
- Software used monthly report.
- DBA file monthly updating report.

- New client's account report.
- New employee account report.

**SUPPORT SERVICE MANAGEMENT SYSTEM:-**The support service management module provides the facility of service management system. This module contains the support service which is provided by the proposed system to the client. According to this module the client can get help by online anywhere anytime by just login to the web site and if they have any enquiry regarding any software or computer and they have no any time to logging and getting help by chatting to the experts they can just dial the helpline number which they can see on the top of the website and they can be connected to the expert directly by

#### **IVR (Interactive voice response). WEB PAGE:-**

- Client's enquiry handling page.
- Employee's service handling page.
- Client's provided service page.
- Employee service handling analysis page.

#### **REPORT:-**

- Annually Client's enquiry handling report.
- Annually Employee's service handling report.
- Annually Client's provided service report.
- Annually Employee service handling analysis report.

**TRANSACTION MANAGEMENT SYSTEM:** - In this module admin send the bill details to the user according to the software purchased from the system with the automated generated invoice number.

#### **WEB PAGES:-**

- Bill transaction page
- Marketing details transaction page.
- Taxes details page.
- Bill record modification and deletion page
- Bill details analysis page.

#### **REPORTS:-**

- Annually Bill transaction report
- Annually Marketing details transaction report.
- Annually Taxes details report.
- Detailed Bill record modification and deletion report
- Detailed Bill details analysis report.

**OFFICE ACCOUNT MANAGEMENT SYSTEM:** - This module contains the details about expense and profit of office. This module contains the total cost of software which is used for the company and for web site as well, it also contain the details of the salary of employees and the cost of maintenance which is used for the company as well for website. It contains the shares of the third party.

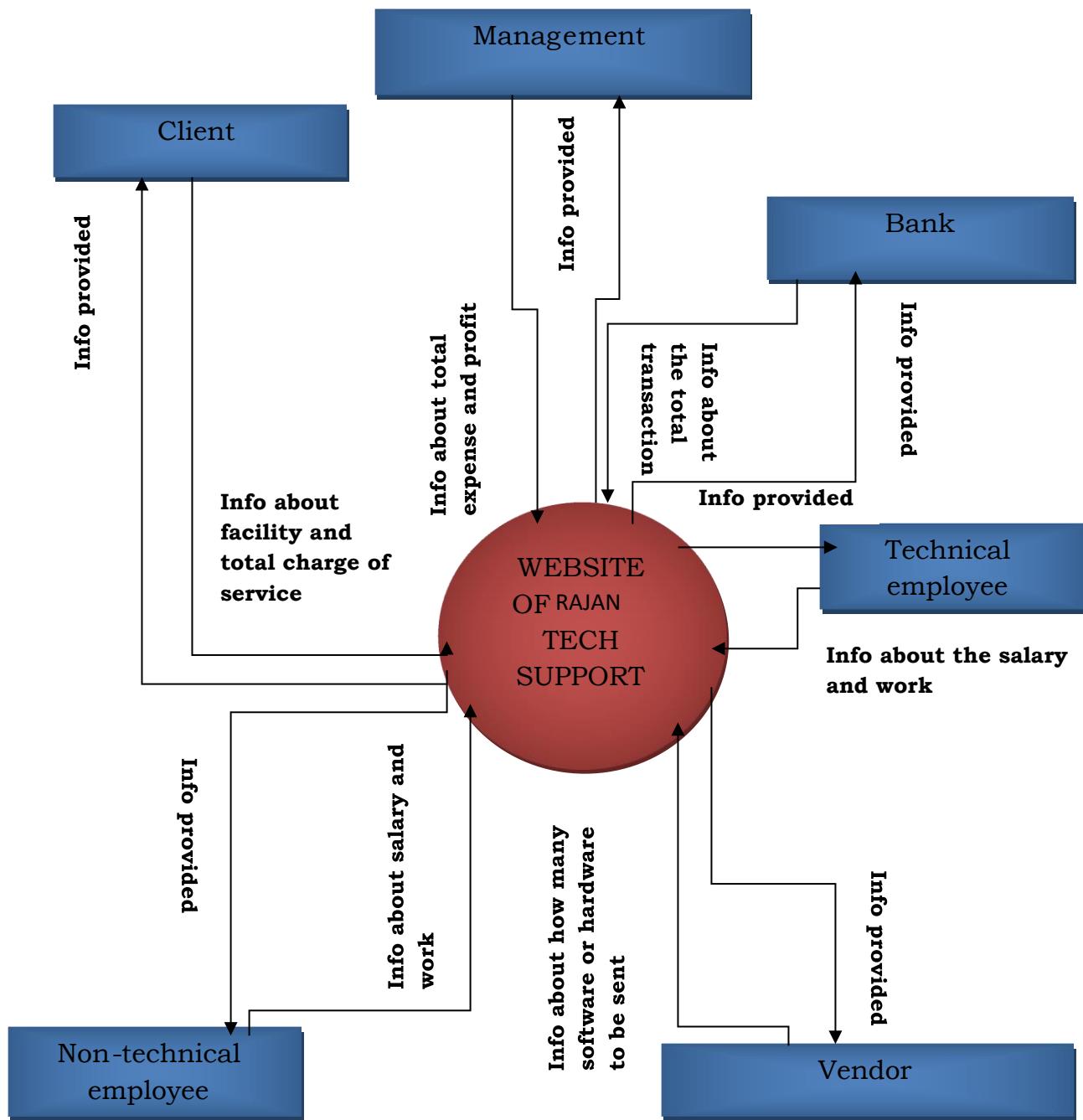
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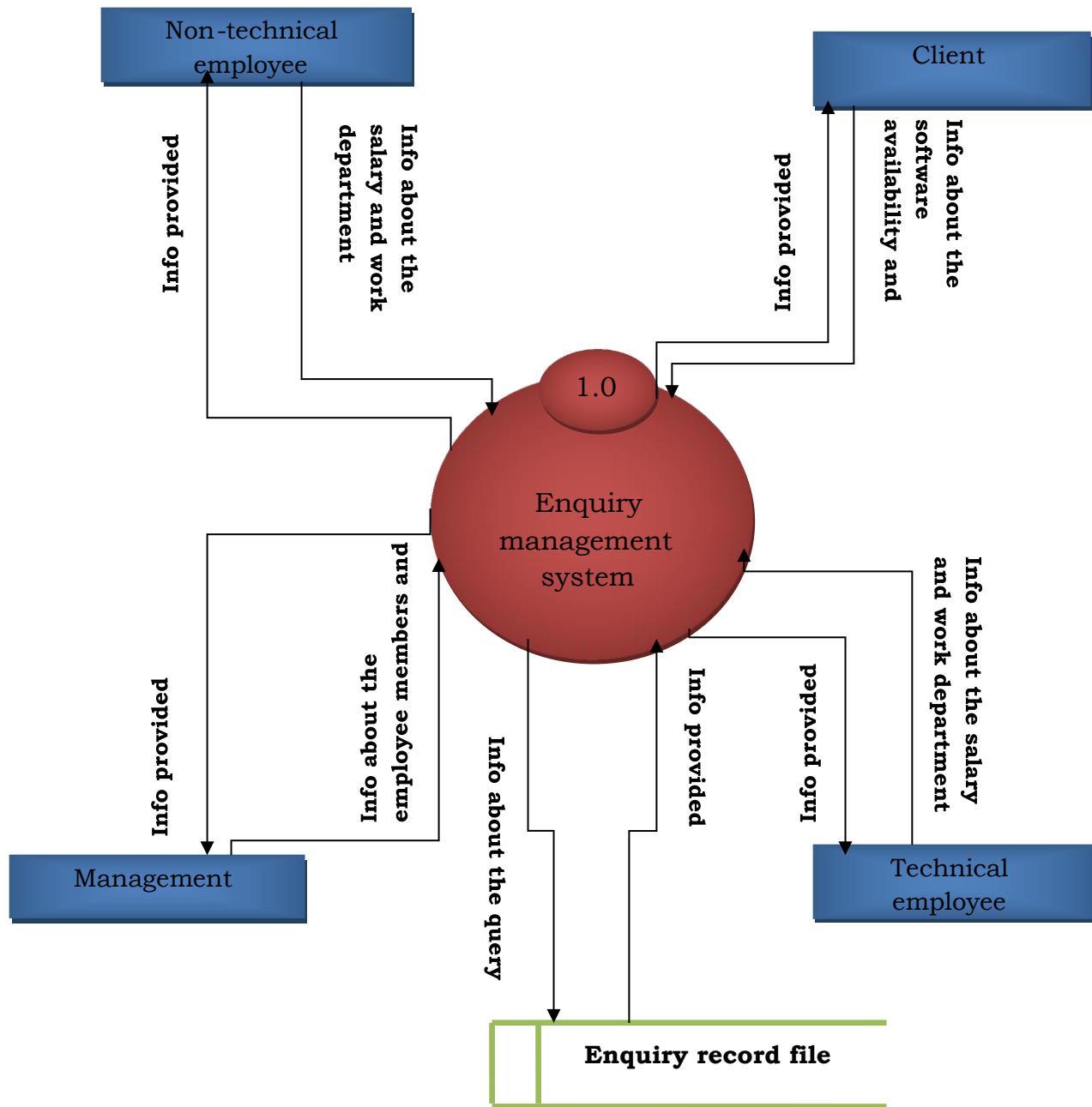
- Office record entry page.
- Office expense record updating page.
- Office record deletion page.
- Office record analysis page.

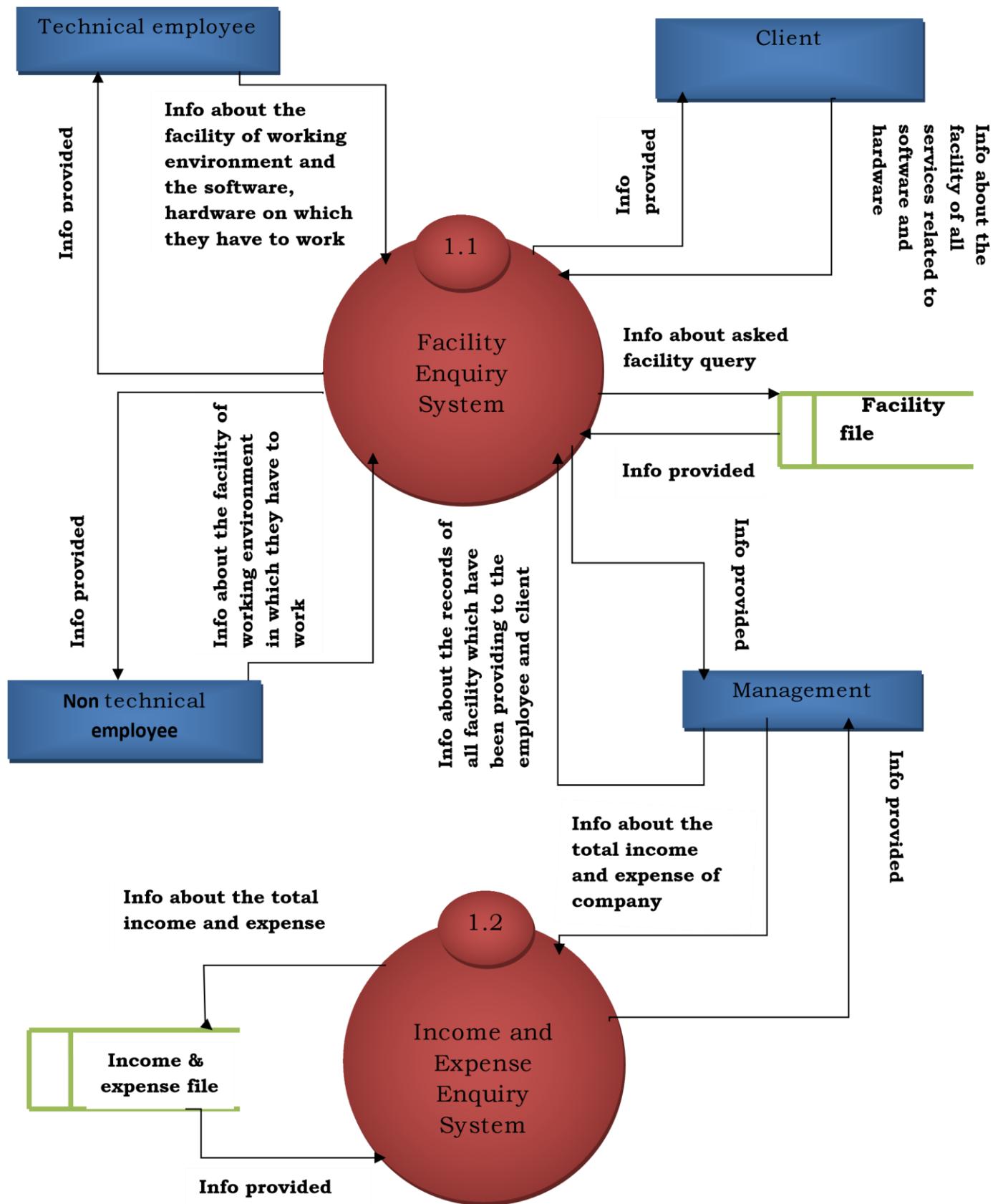
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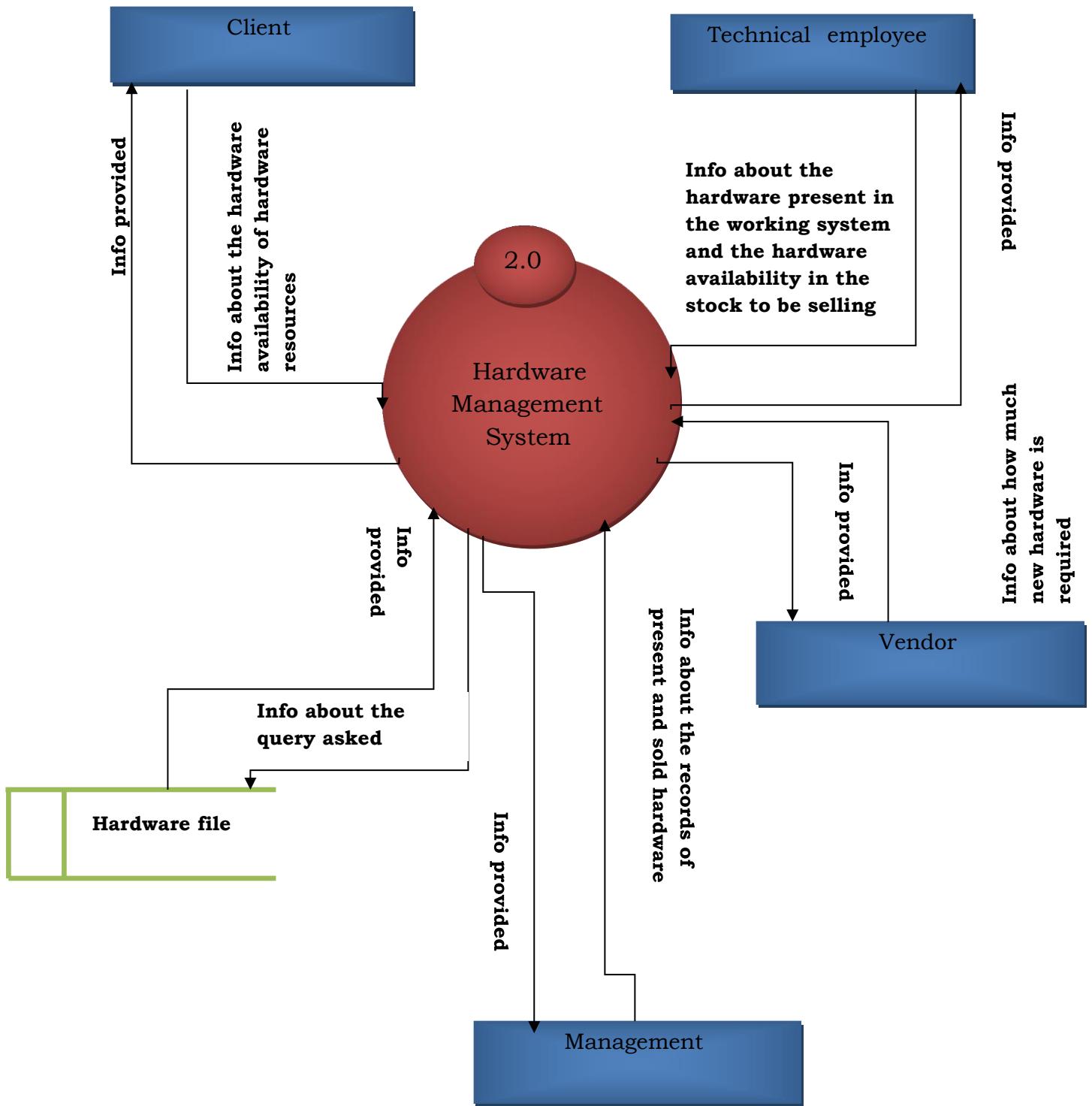
- Detailed Office record entry report.
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- Monthly Office record deletion report.
- Yearly Office record analysis report.

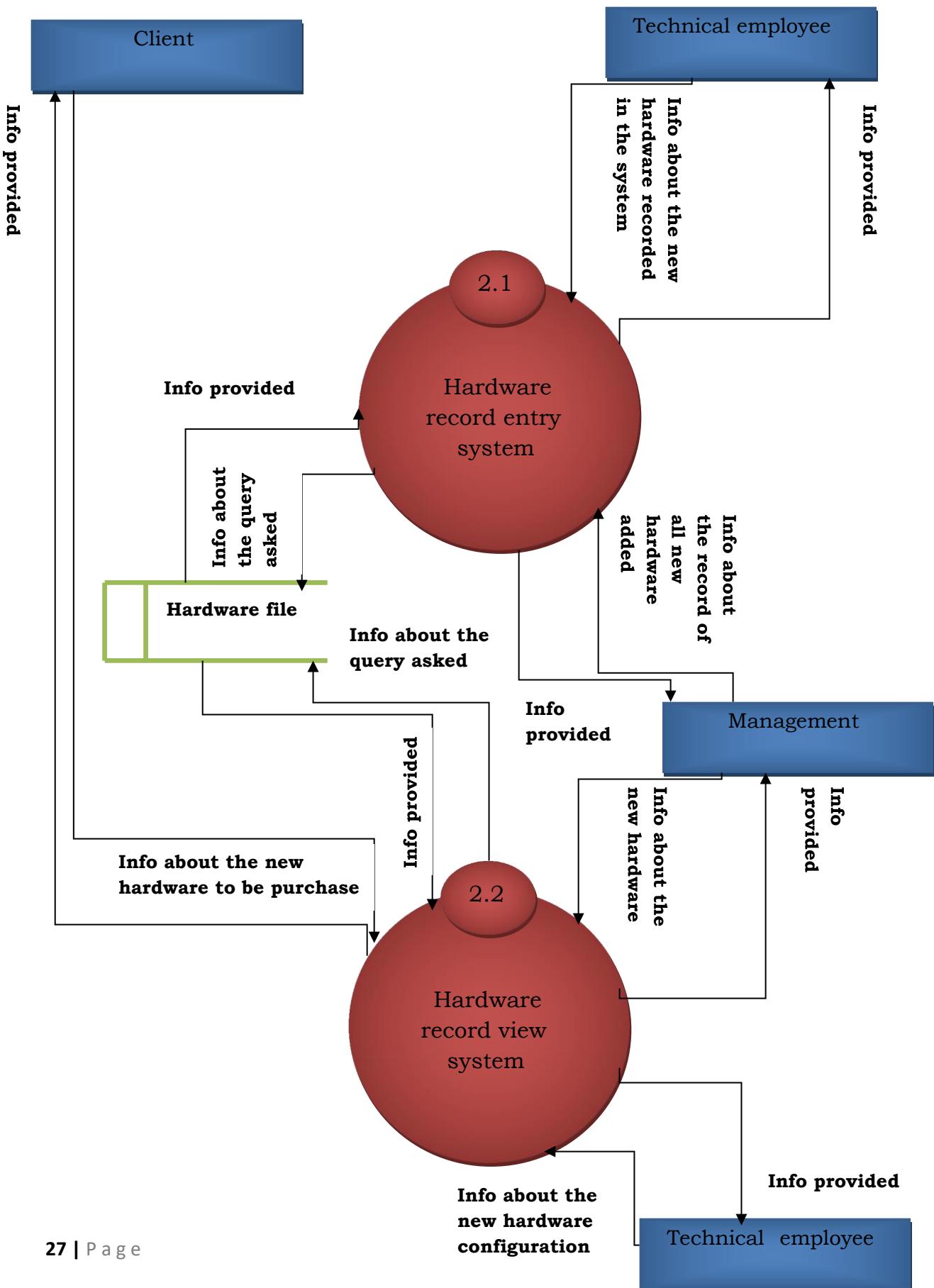
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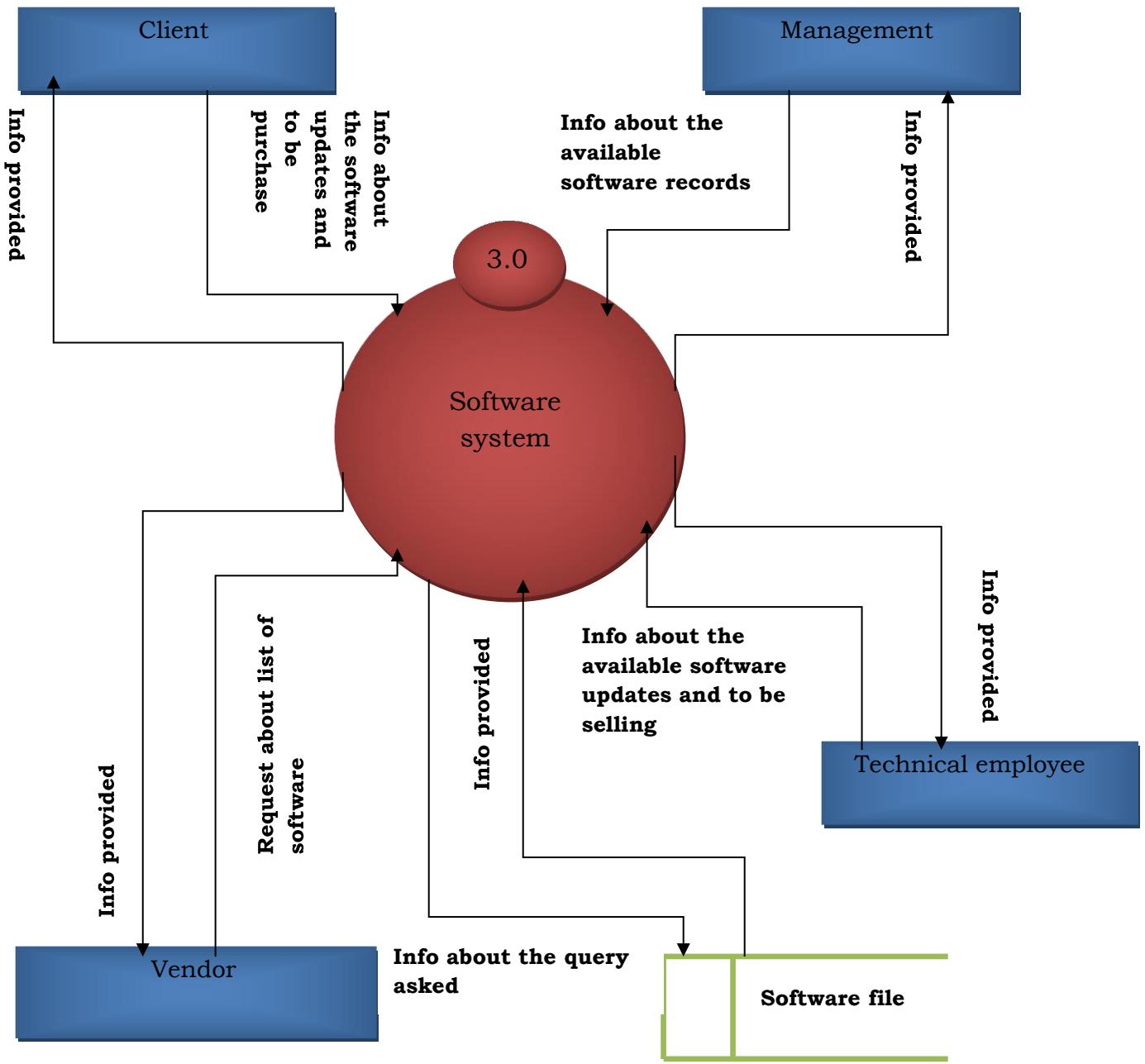


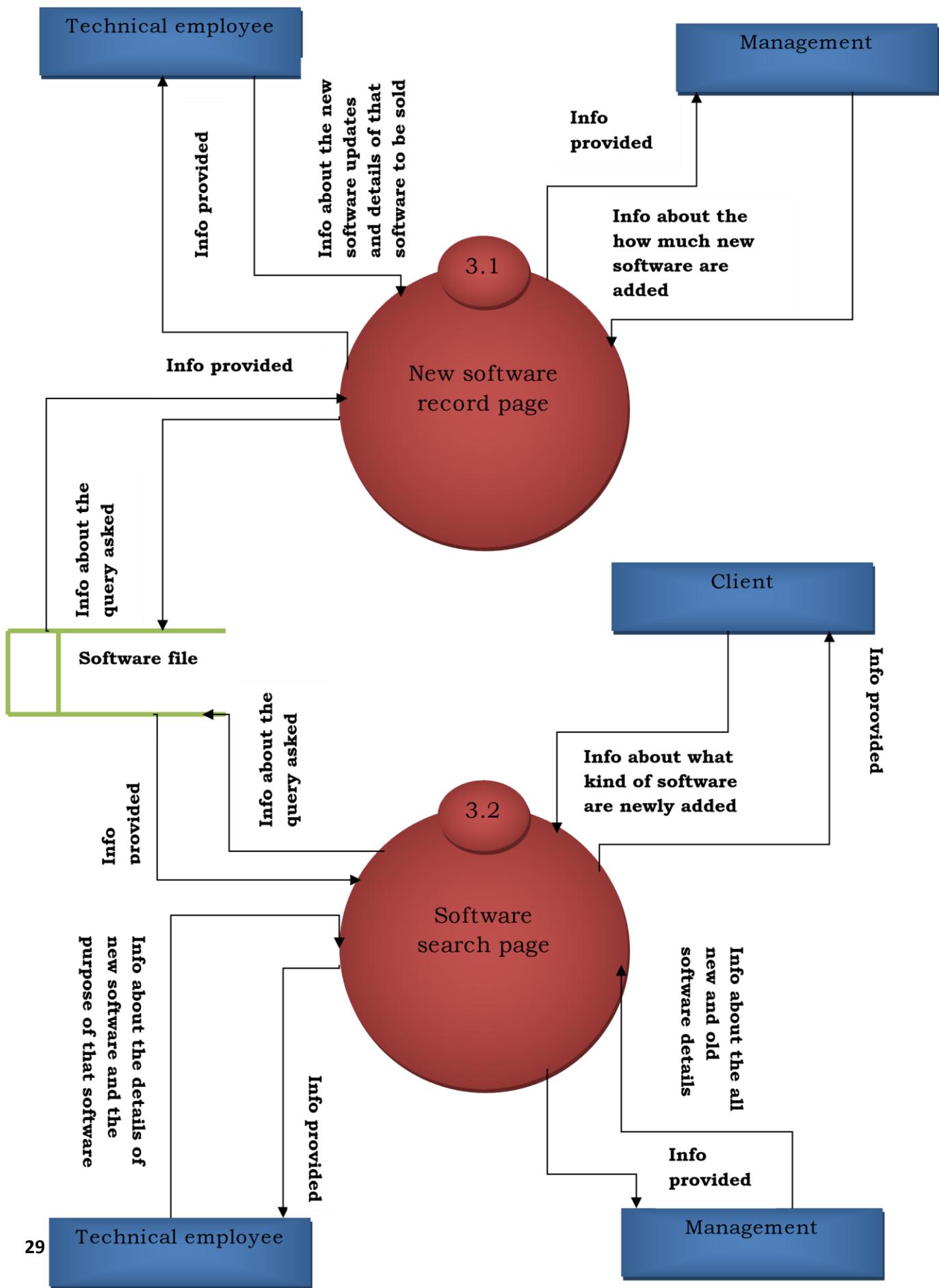


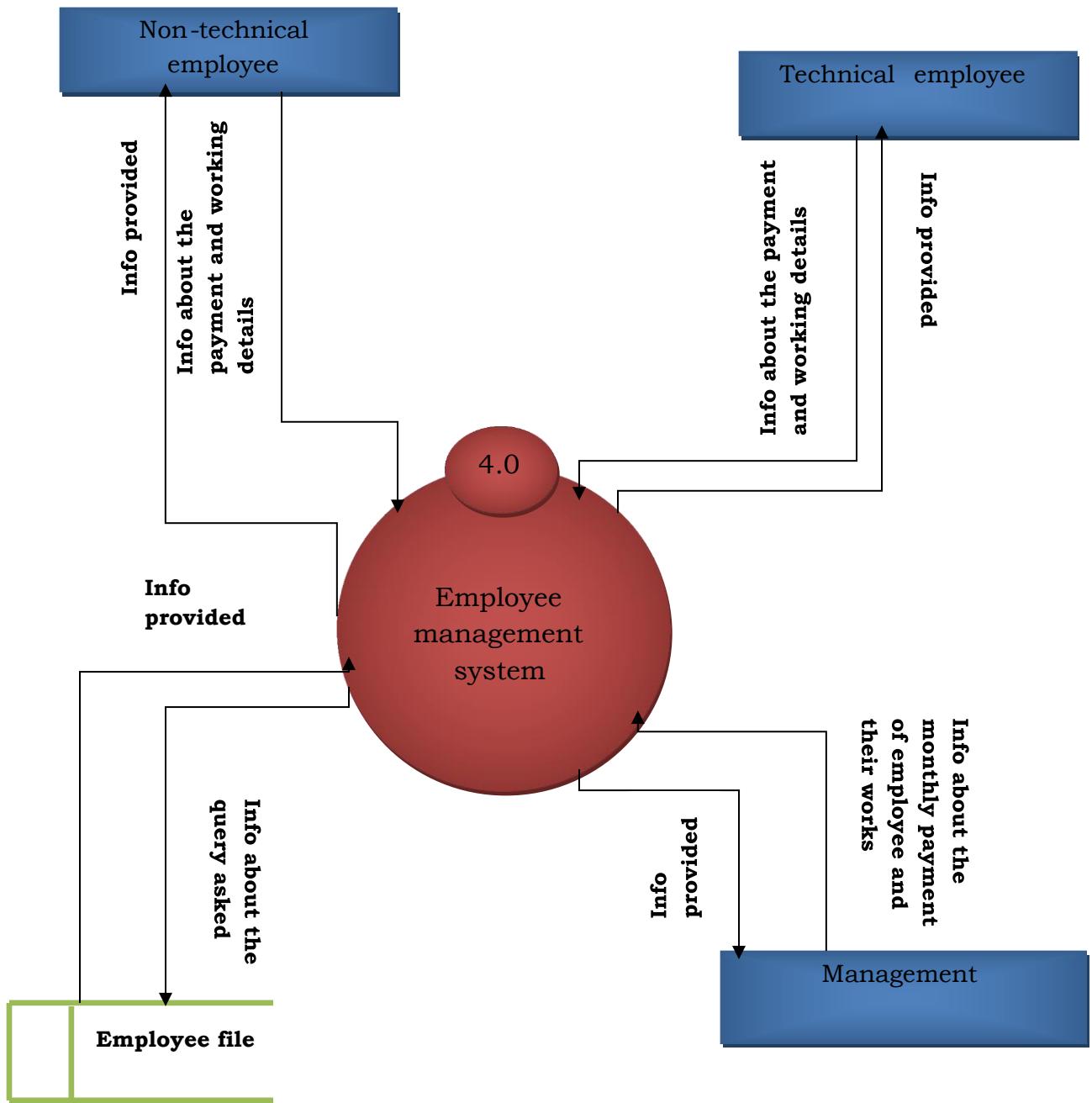


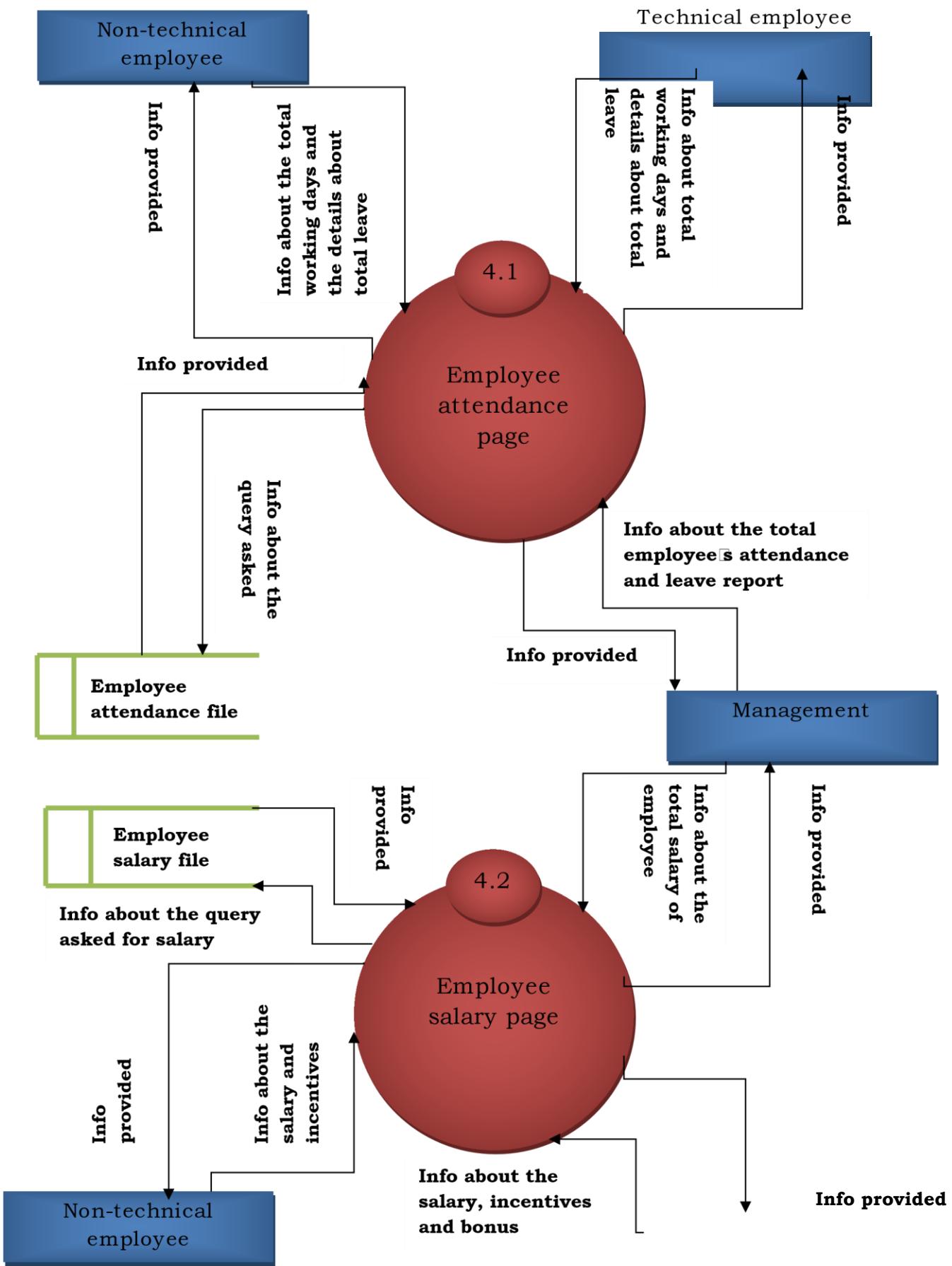


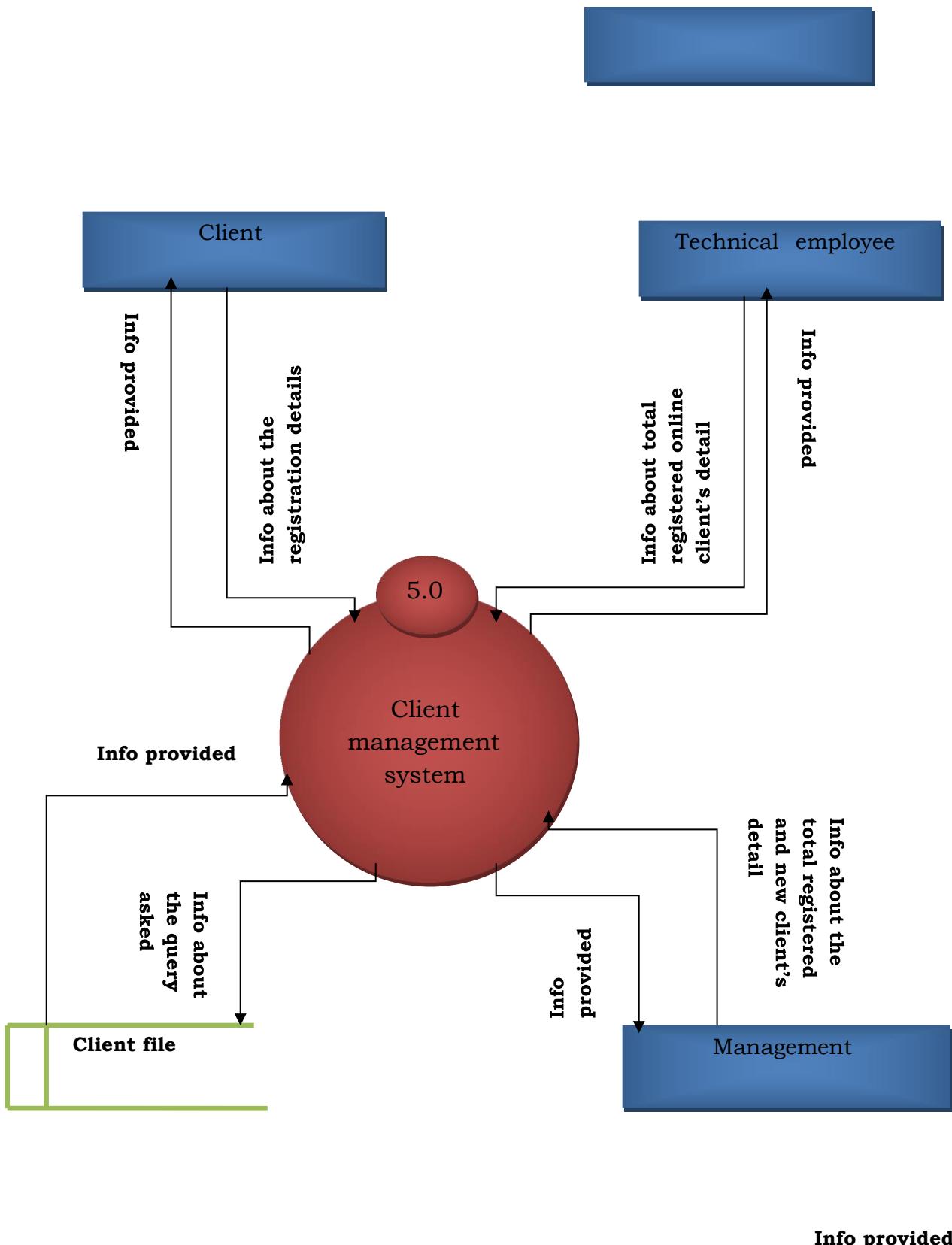


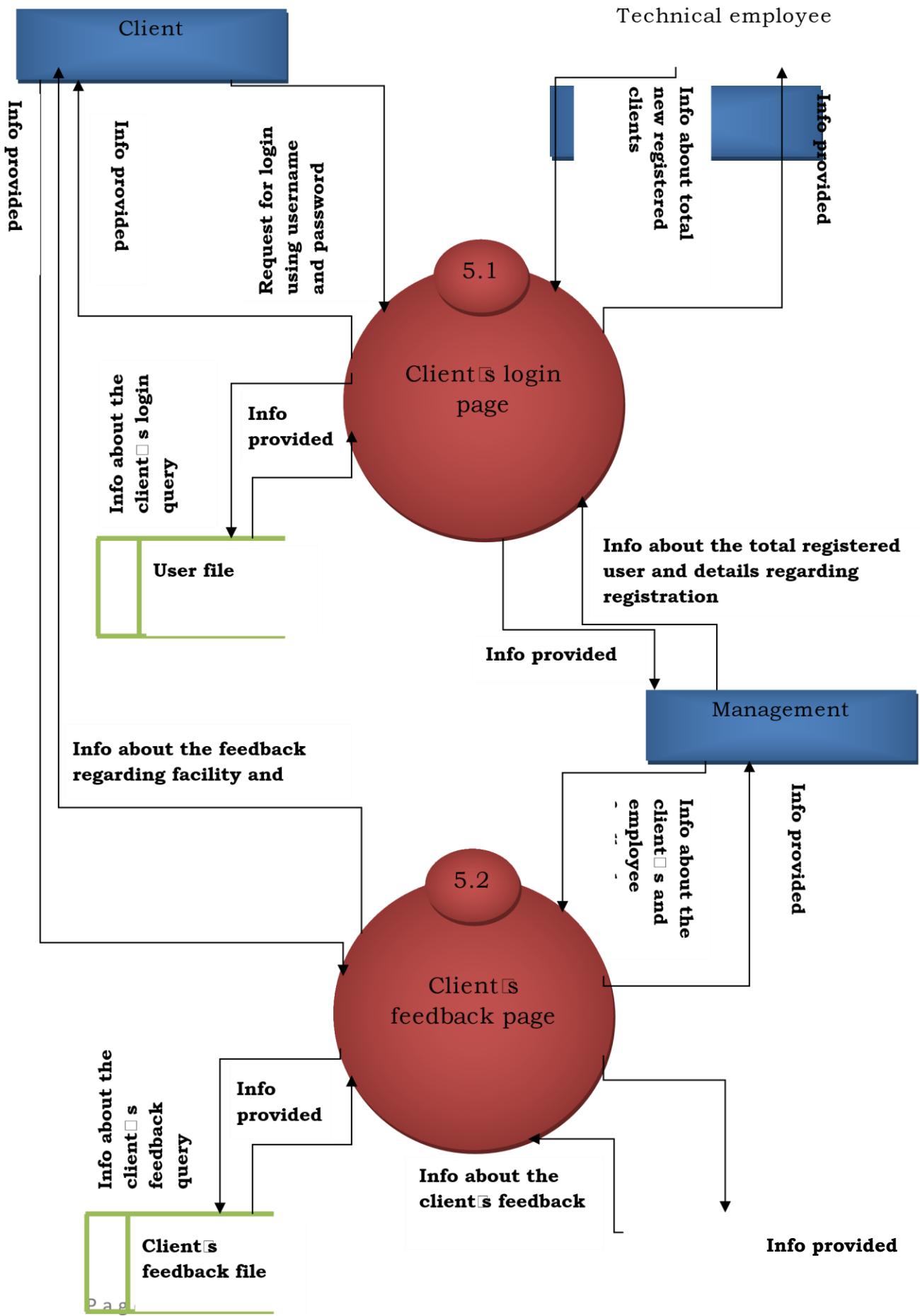


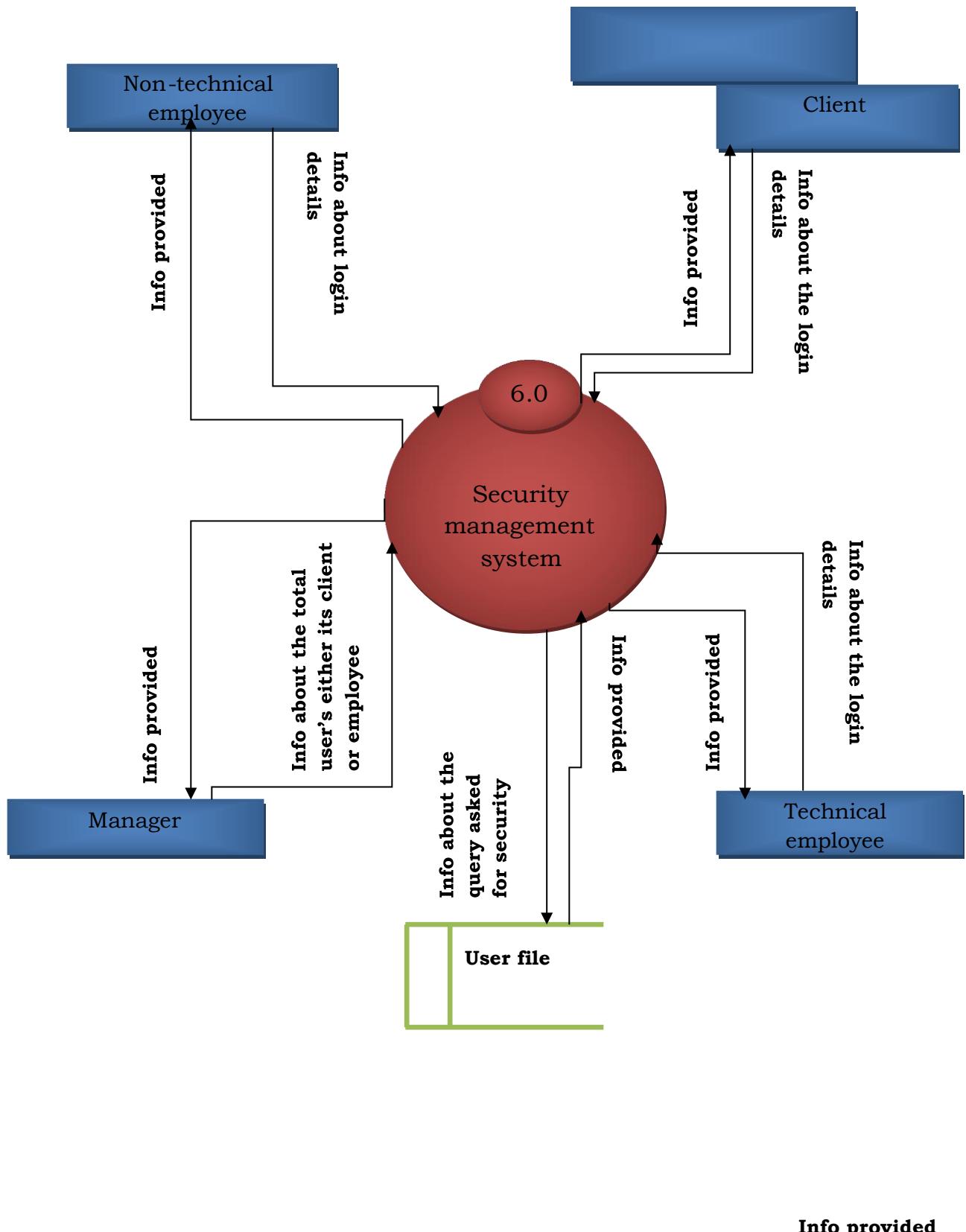


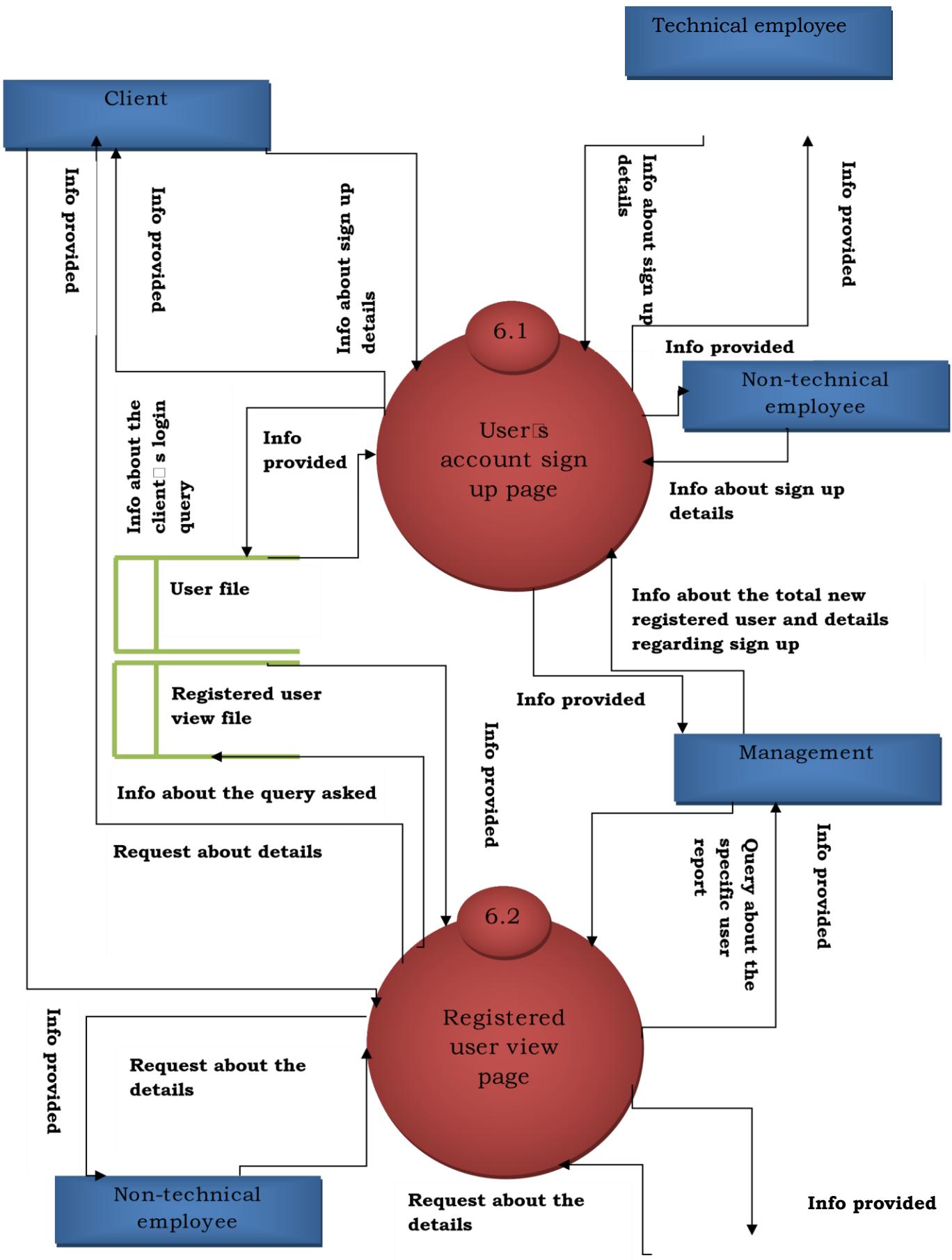


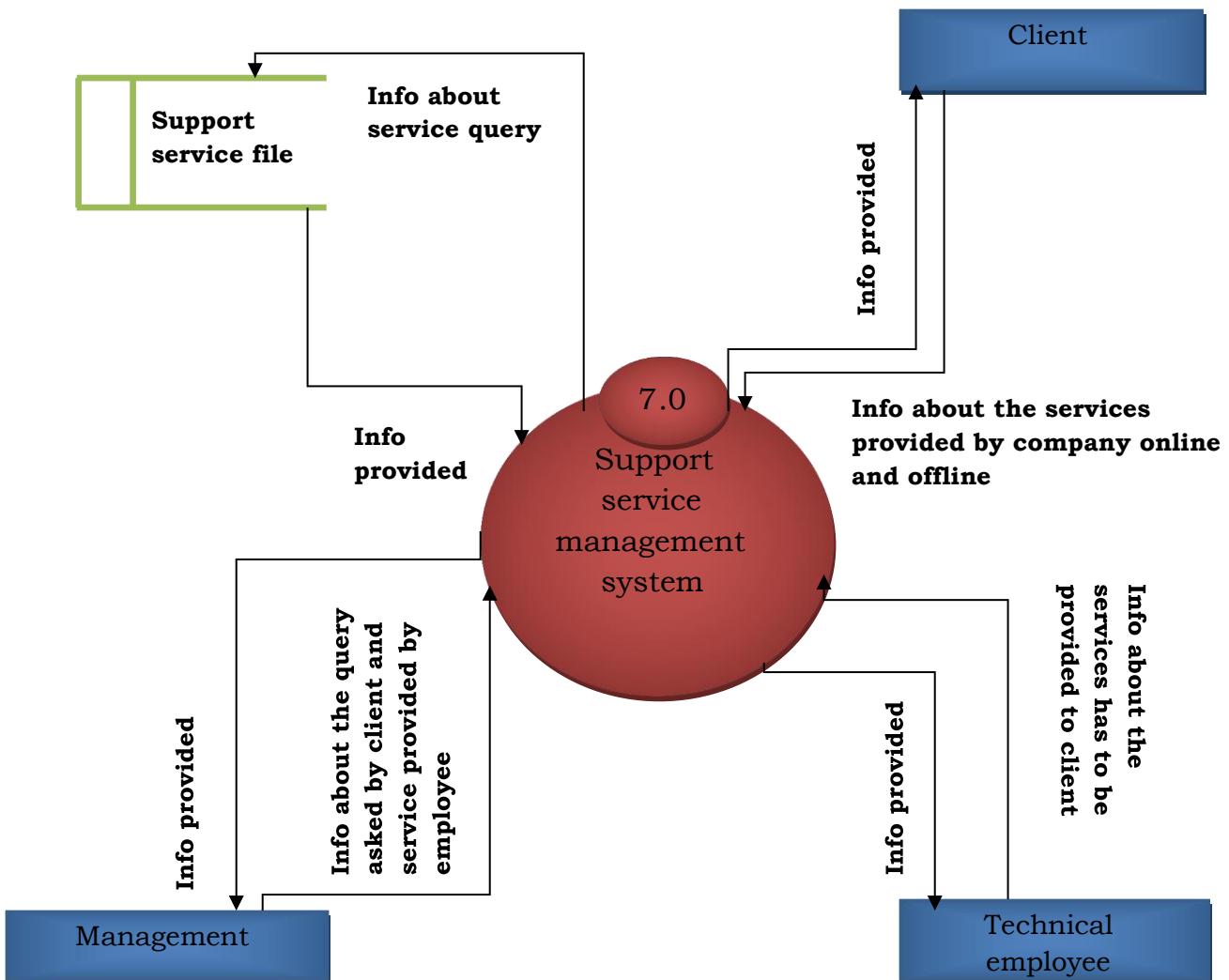




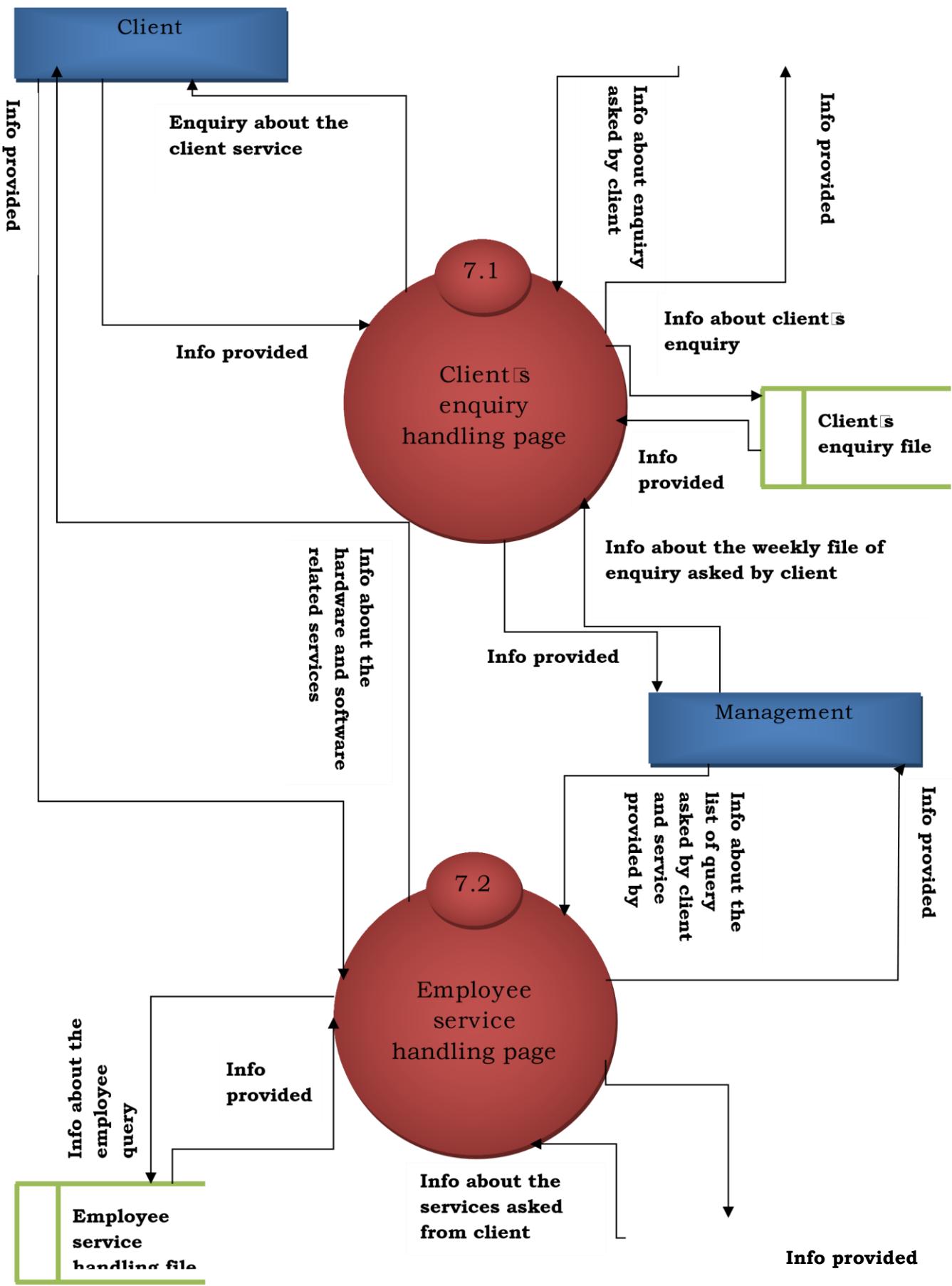


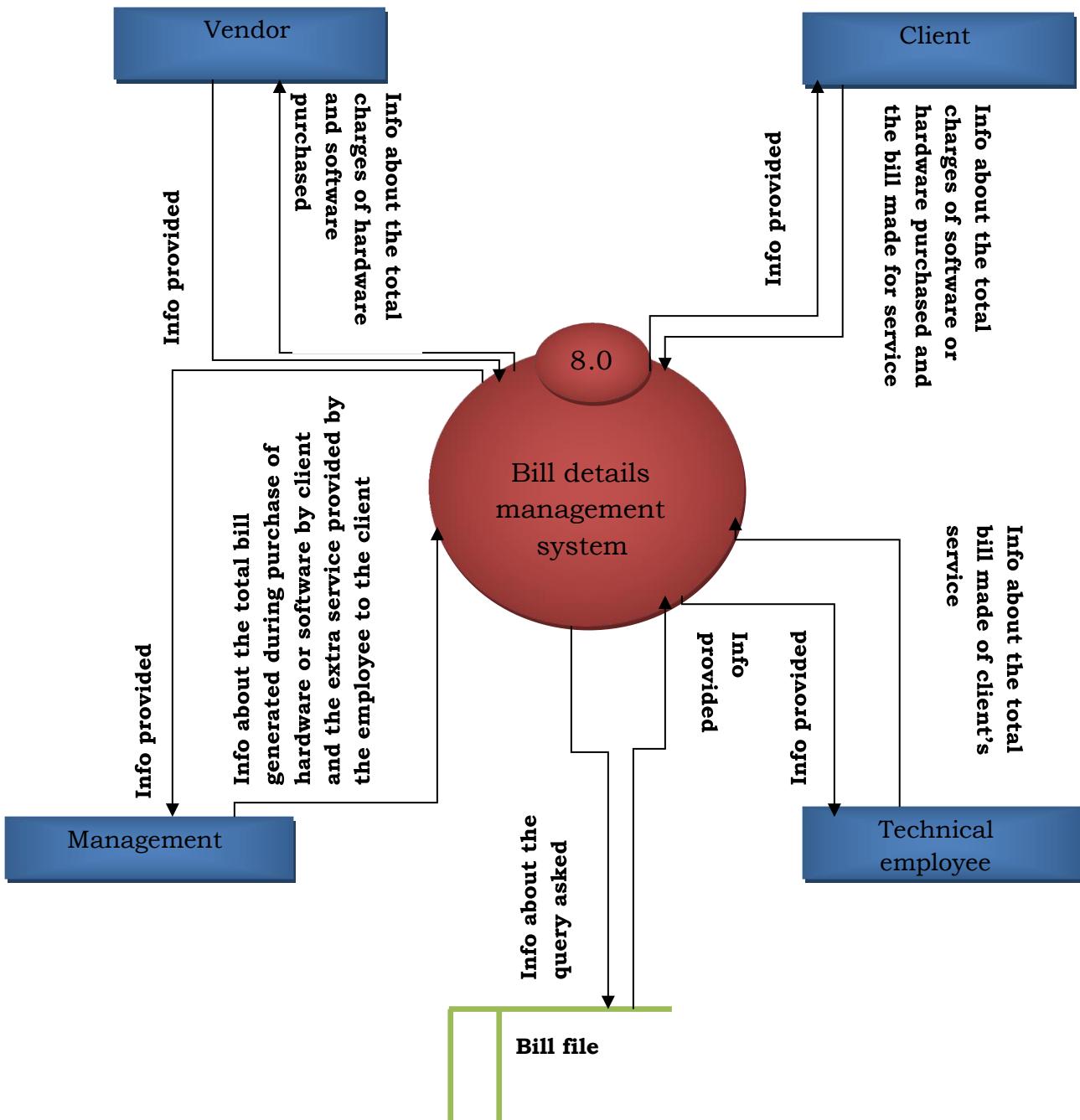




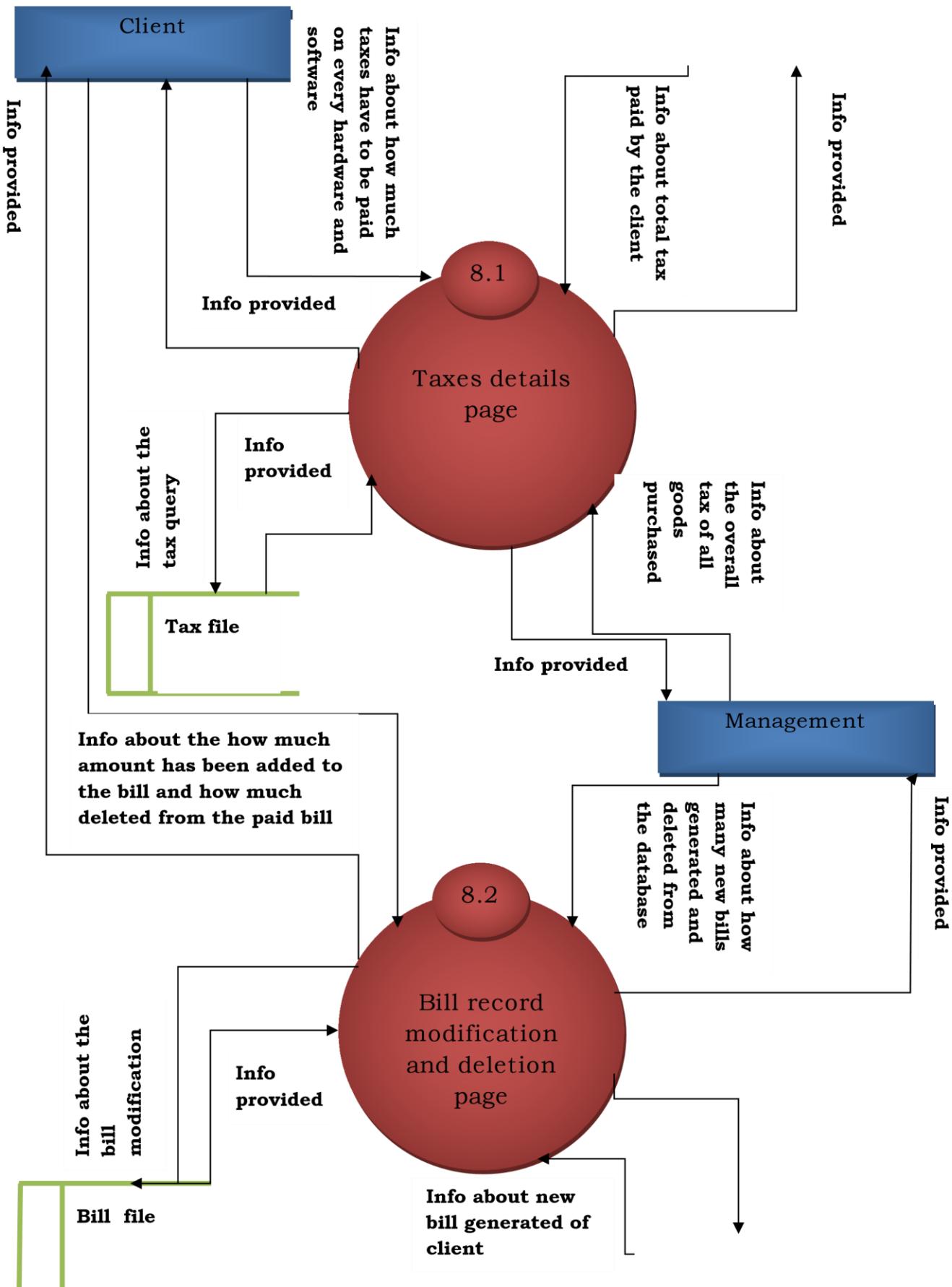


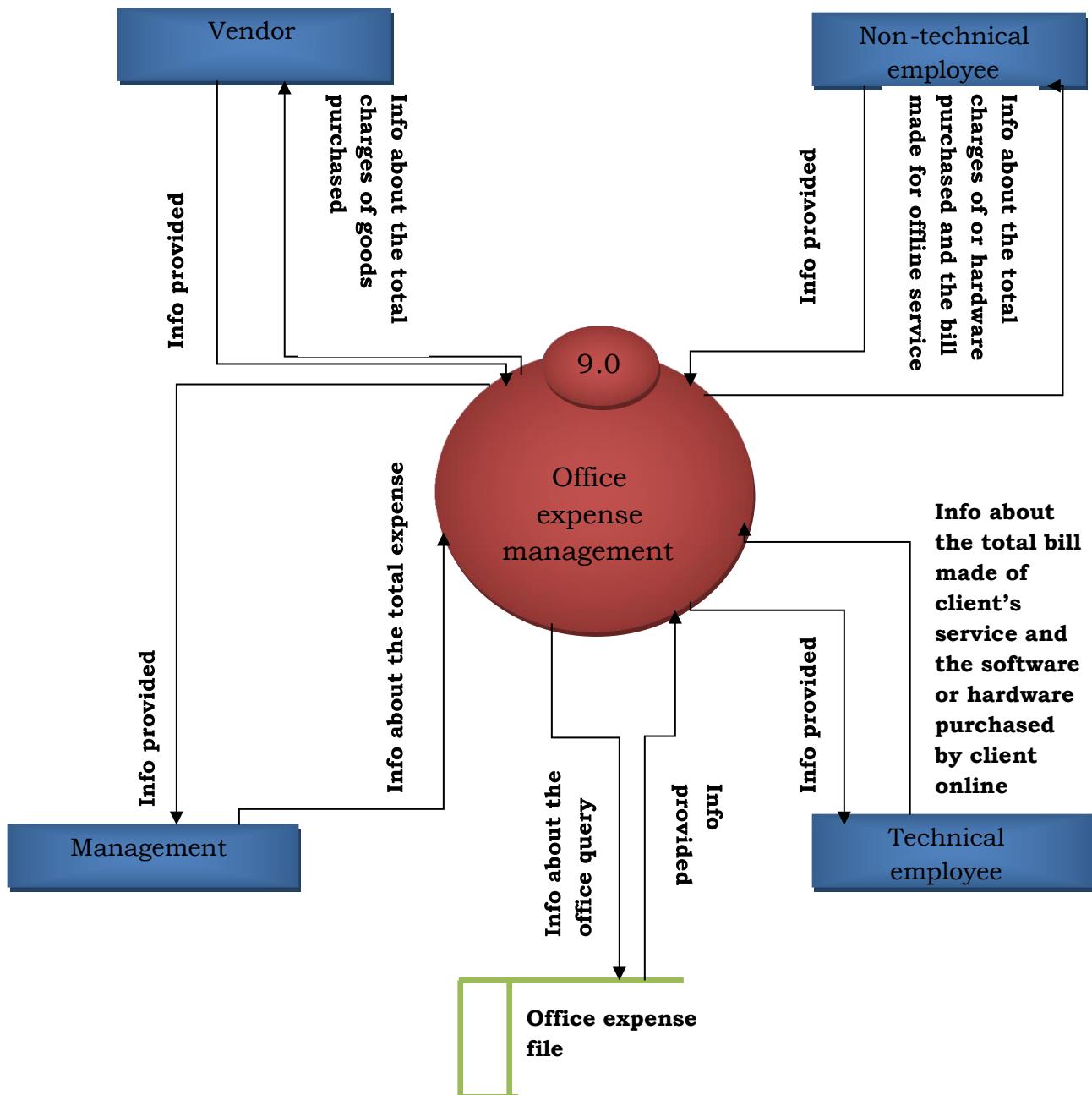
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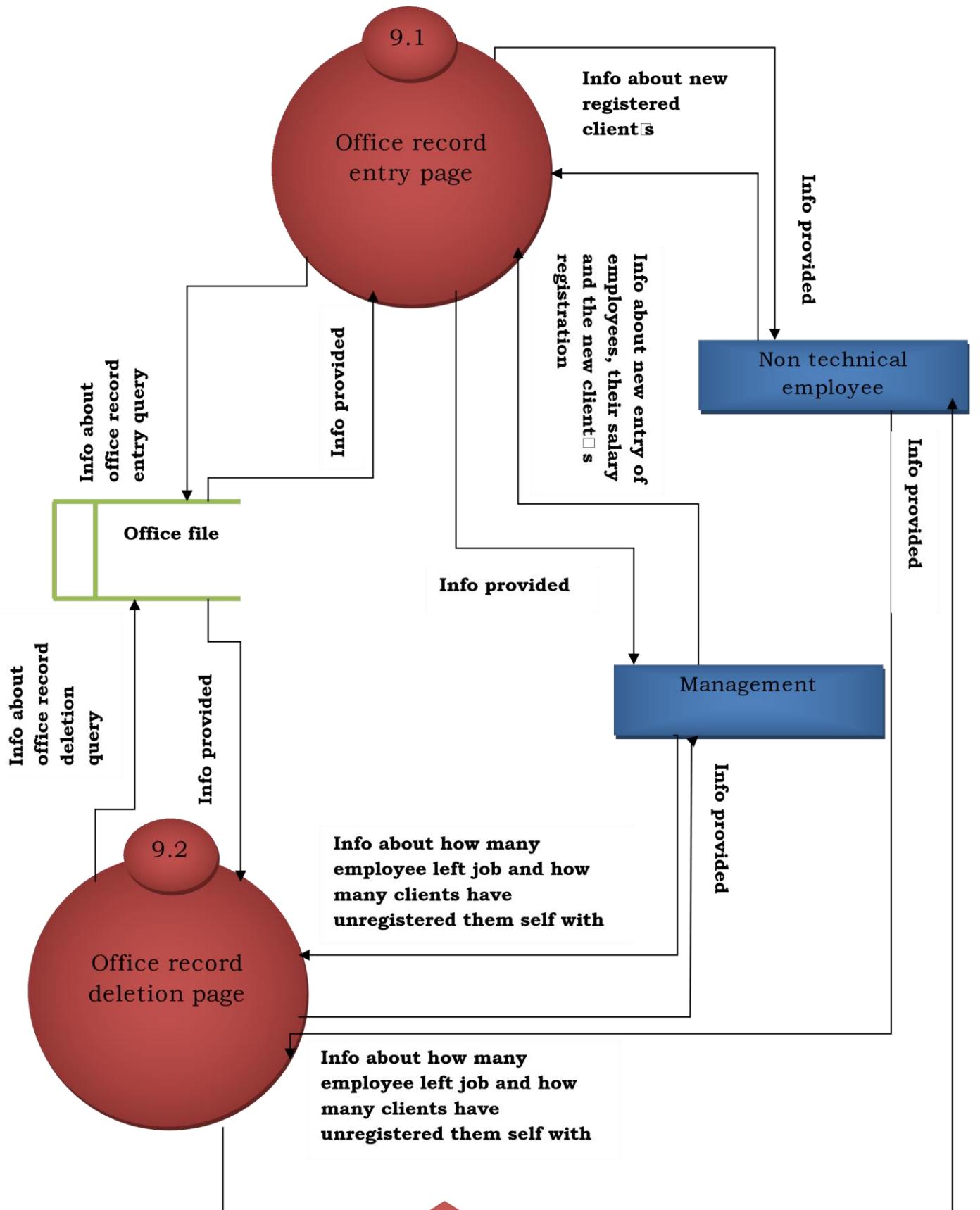


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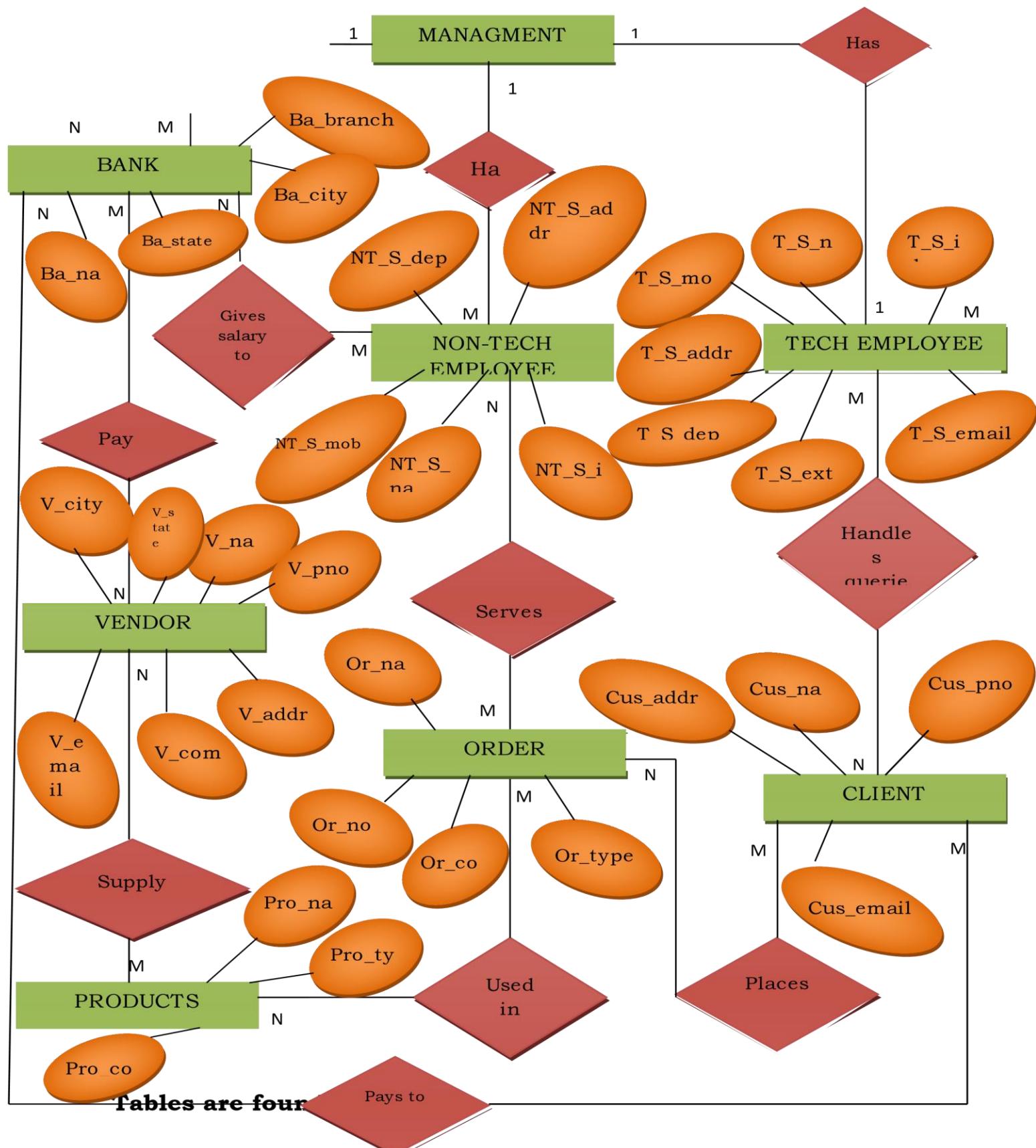




**Info provided**



## E-R DIAGRAM



## NON TECHNICAL EMPLOYEE

Data-field	Data-type	Description	Constraints
<b>NT_S_id</b>	Numeric	Non technical employee id	Primary key
<b>NT_S_mob</b>	Numeric	Non technical employee phone number	Not null
<b>NT_S_addr</b>	Char	Non technical employee address	Not null
<b>NT_S_na</b>	Char	Non technical employee name	Not null
<b>NT_S_dep</b>	Char	Non technical employee department	Not null

## BANK

Data-field	Data-type	Description	Constraints
Ba_code	Numeric	Bank code	Primary key
Ba_branch	Char	Bank branch	Not null
Ba_state	Char	Bank state	Not null
Ba_city	Char	Bank city	Not null
Ba_na	char	Bank name	Not null

## TECHNICAL EMPLOYEE

Data-field	Data-type	Description	Constraints
<b>T_S_id</b>	Numeric	Technical employee id	Primary key
<b>T_S_mob</b>	Numeric	Technical employee phone number	Not null
<b>T_S_addr</b>	Char	Technical employee address	Not null
<b>T_S_na</b>	Char	Technical employee name	Not null
<b>T_S_dep</b>	Char	Technical employee department	Not null
<b>T_S_email</b>	Char	Technical employee email address	Not null
<b>T_S_ext</b>	Numeric	Technical employee extension	Not null

## VENDOR

Data-field	Data-type	Description	Constraints
<b>V_id</b>	Char	Vendor id	Primary key
<b>V_pno</b>	Numeric	Vendor phone number	Not null
<b>V_addr</b>	Char	Vendor address	Not null
<b>V_email</b>	Char	Vendor email address	Not null

<b>V_comp</b>	Char	Vendor's company	Not null
<b>V_city</b>	Char	Vendor's city	Not null
<b>V_state</b>	Char	Vendor's state	Not null
<b>V_contacted</b>	Char	Persons contacted by vendor	Not null
<b>V_pur_pro</b>	Char	Type of product purchased by vendor	Not null

## ORDER

Data-field	<b>Data-type</b>	<b>Description</b>	<b>Constarints</b>
<b>Or_code</b>	Numeric	Order code	Primary key
<b>Or_no</b>	Numeric	Order number	Not null
<b>Or_type</b>	Char	Order type	Not null
<b>Or_date</b>	Numeric	Order date	Not null
<b>Or_time</b>	Numeric	Order time	Not null
<b>Or_na</b>	Char	Order name	Not null

## PRODUCT

Data-field	<b>Data-type</b>	<b>Description</b>	<b>Constarints</b>
<b>Pro_code</b>	Numeric	Product code	Primary key
<b>Pro_type</b>	Char	Product type	Not null
<b>Pro_na</b>	Char	Product name	Not null
<b>Pro_num</b>	Numeric	Product number	Not null

## CLIENT

Data-field	Data-type	Description	Constraints
<b>Cus_id</b>	Numeric	Client id	Primary key
<b>Cus_na</b>	Char	Client name	Not null
<b>Cus_addr</b>	Char	Client address	Not null
<b>Cus_email</b>	Char	Client email address	Not null
<b>Cus_city</b>	Char	Client city	Not null
<b>Cus_state</b>	Char	Client state	Not null
<b>Cus_zip</b>	Numeric	Client zip code	Not null
<b>Cus_country</b>	Char	Client country	Not null

## ENQUIRY

Data-field	Data-type	Description	Constraints
<b>Enq_id</b>	Numeric	Enquiry id	primary key
<b>Enq_sno</b>	Numeric	Enquiry serial number	Not null
<b>Enq_date</b>	Numeric	Enquiry date	Not null
<b>Enq_type</b>	Char	Enquiry type	Not null

## FEEDBACK

Data-field	Data-type	Description	Constarints
<b>Feedid</b>	Numeric	Feedback id	Primary key
<b>Feedtype</b>	Char	Feedback type	Not null
<b>Feeddesc</b>	Char	Non technical employee feedback	Not null
<b>Feeddate</b>	Float	Feedback date	Not null
<b>Feedmonth</b>	Char	Feedback month	Not null

## BILL FILE

Data-field	Data-type	Description	Constarints
<b>Bill_no</b>	Float	Bill number	Primary key
<b>order_no</b>	Numeric	order number	Foreign key
<b>Cu_id</b>	numeric	Client id	Foreign key
<b>Bill_desc</b>	Char	Bill Description	Not null
<b>Tot_cost</b>	Float	Total cost	Not null

## OFFICE EXPENSE FILE

Data-field	Data-type	Description	Constraints
<b>Ofexpslno</b>	Numeric	Office expense slno	Primary key
<b>Exptype</b>	char	Expense type	Not null
<b>Expcost</b>	Numeric	Expense cost	Not null
<b>Date</b>	date	Expense date	Not null

## USER FILE

Data-field	Data-type	Description	Constraints
<b>User_name</b>	Char	User name	Primary key
<b>User_pass</b>	Numeric	User password	Not null
<b>User_phn</b>	Numeric	User phone number	Not null
<b>User_email</b>	Char	User email address	Not null
<b>User_con_email</b>	Char	User confirmation email	Not null
<b>User_rec_pass</b>	Numeric	User recovery password	Not null

## SALES

Data-field	Data-type	Description	Constraints
<b>Sin_no</b>	Numeric	Sale Invoice number	Primary key
<b>Bill_no</b>	numeric	Bill number	Foreign key
<b>T_type</b>	Char	Transaction type	Not null
<b>C_code</b>	Char	Client code	Foreign Key
<b>Employee_Code</b>	Char	Employee code	Not null
<b>Sold_pro</b>	Char	Sold product	Not null
<b>S_value</b>	Float	Sales value	Not null

## EMPLOYEE SALARY

Data-field	Data-type	Description	Constraints
<b>Employee_id</b>	Numeric	Employee id	Primary key
<b>Employee_na</b>	Char	Employee name	Not null
<b>Employee_dept</b>	Char	Employee's department	Not null
<b>Employee_sal_month</b>	Float	Employee salary per month	Not null
<b>Employee_bonus</b>	Float	Employee's bonus	Not null
<b>Employee_pf</b>	Float	Employee's provisional fund	Not null
<b>Employee_annual</b>	Float	Employee's annual income	Not null

## EMPLOYEE ATTENDENCE FILE

Data-field	Data-type	Description	Constraints
<b>Employee_id</b>	Numeric	Employee id	Primary key
<b>Employee_na</b>	Char	Employee name	Not null
<b>Employee_prest</b>	Numeric	Employee's total present day	Not null
<b>Employee_leave</b>	Numeric	Employee total leave	Not null
<b>Employee_abs</b>	Numeric	Employee's total absent days	Not null

## SOFTWARE FILE

Data-field	Data-type	Description	Constraints
<b>Soft_code</b>	Numeric	Software code	Primary key
<b>Soft_cat</b>	Numeric	Software category	Not null
<b>Soft_price</b>	Float	Software price	Not null
<b>Tax_on_soft</b>	Float	Tax over software	Not null
<b>Purch_soft</b>	Numeric	Total purchased software	Not null
<b>Sold_soft</b>	Numeric	Total sold software	Not null
<b>Stock_soft</b>	Numeric	Total software present in stock	Not null

## HARDWARE FILE

Data-field	Data-type	Description	Constraints
<b>Hard_code</b>	Numeric	Hardware code	Primary key
<b>Hard_cat</b>	Char	Hardware category	Not null
<b>Hard_price</b>	Float	hardware price	Not null
<b>Tax_on_hard</b>	Float	Tax over hardware	Not null
<b>Purch_hard</b>	Numeric	Total purchased hardware	Not null
<b>Sold_hard</b>	Numeric	Total sold hardware	Not null
<b>Stock_hard</b>	Numeric	Total hardware present in stock	Not null

## FACILITY FILE

Data-field	Data-type	Description	Constraints
<b>Facile_id</b>	Numeric	Facility id	Primary key
<b>Facil_na</b>	Char	Facility name	Not null
<b>Facile_type</b>	Char	Facility type	Not null
<b>Facile_cost</b>	Float	Facility cost	Not null

STOCK			
Data-field	Data-type	Description	Constraints
<b>Pro_code</b>	numeric	Code of product available	Primary key
<b>Pro_type</b>	Char	Types of product available	Not null
<b>Oty_pro</b>	Numeric	Quantity of products available	Not null
<b>Report</b>	numeric	Record level reports	Not null
<b>Grade_pro</b>	numeric	Grade of stock product	Not null
<b>Descrip_pro</b>	Char	Description of available products	Not null
<b>Tot_price_pro</b>	Float	Total price of available products	Not null

# TOOLS/PLATFORM,

# HARDWARE

# & SOFTWARE REQUIREMENT

**Front end** : JSP (Java Server Pages)

**Back end** : Oracle 10g

**Operating system** : Windows 7

## HARDWARE:

**Processor** : DUEL CORE

**RAM** : 1 GB

**Hard disk** : 160 GB

**Monitor** : 16" color

## **FUTURE SCOPE**

This project can be used in the online tech support company after adding or by upgrading some more useful modules in the project for which the company are providing services.

This website can be converted into distributed based system with modification. The company also has a plan to develop online payment gateway system in future to increase the productivity and to enhance the growth.

This website is proved to be necessity for the development and growth of the company which is needs a very good decision support system for the manager. As the basic trend of the market does not change coming four or five years this software has a tremendous potential to fulfill the market need at present also in future. It will help the manager to take right decision at right time. The companies, which cannot afford very good employee strength but want to minimize its profit, this software will be very much helpful to reduce the bad debts.

The website can support VPN and intranet facility in future.

# **PROJECT REPORT**

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## **INTRODUCTION:-**

“RAJAN TECH SUPPORT” is an ISO-9001-2000 certified company .It is one of the largest technical support company in Delhi NCR. Its headquarter is situated in DELHI. It is reached out to millions of clients since its founding in 2002. This company was started by Mr. Rakesh Aggarwal since 4<sup>th</sup> October 2002 as a small business in Delhi and since then it has grown advance in terms of facilities and income With hundreds of Microsoft certified systems Engineers (MCSE) figuring amongst our one time service technicians, we give remotely managed computer repair service a new complexion. It is a leading provider of technical support services to client and small businesses across a wide range of computing and communications devices and software. RAJAN delivers support services to millions of clients globally and its services are available on a 24/7 basis 365 days a year. RAJAN offers incident based services for tech support and long-term unlimited subscription plans from one to three years. Clients can choose from various channels to contact RAJAN including web-based support, real-time phone, chat, and e-mail or on-ground technicians. It offers a comprehensive suite of service offerings, including diagnosis and repair, installation and maintenance services for multiple devices, software applications. Clients can rely on RAJAN to address many of their technical support needs and avoid the complexities of working with multiple support providers associated with each individual device or software application they purchase. We also now start the dealing with international clients.

Taking security as an issue consideration some password or restriction security is provided to the system so that administrator can maintain daily updates in the database. Administrator can change password as per the requirement. There is the facility providing for password recovery, logout etc. Security and privacy are two major requirements of most of the companies, Company also wants to use good security features for its system. As a result of which the software should have good password or any other authentication feature. We also provide the “LOGIN” facility to the client so that they can get help via logging their own profile. “RAJAN TECHSUPPORT “documents every problem, solution, and relevant hardware and software specs while capturing each client’s demographic information, and creates a behavioral profile. All this information is available at the fingertips of

RAJAN TECHExperts, combining a powerful knowledge base with a comprehensive set of tools and technology expertise that can be accessed on demand to deliver quality tech support any time of the day and any time of the year.

## **OBJECTIVE:-**

“RAJAN TECH SUPPORT” wants to provide a better service to the client with the help of computerized system and own company web site. The main motive over the web site design to provide online technical services to the client, provide the solution for client management, generate reports, graphs based one client analysis. The computer repair services offered by Omni Tech Support (OTS) are the best in the industry. OTS' Remote Management Services deploys services to equipment installed behind client firewalls securely, via the Internet. Our solution has been designed with objectives of high performance & security at every level of its architecture. It makes use of Web services to communicate over the Internet and links OTS equipment to a central server at the OTS support center.

Through Remote Management Services, your computers can now provide performance data and alerts to our support team so that we can deliver proactive, rapid computer repair and support services with advanced remote troubleshooting capabilities. Our goal is to reduce time-to-repair, and increase reliability and uptime. The “RAJAN TECHSUPPORT” has millions of client all over the INDIA now including some international clients also due to its good technical service and honest support relationship with client. The company is not used any web site and they do all work manually. If we will develop this web site, the company gets benefits by money and time; and it can help those people who are facing some technical problem and they don't have time to go out for the solution. So this web site will not only good in terms of service but it will good in the time saving of clients as well.

The two major technical support components of OTS' Remote Management Services are:

- Agent
  - The Agent will be installed at your site.
  - The Agent software that handles Remote Management Services functions at your site.
- Server
  - Server resides within our support center at OTS.

The OTS provides to following facility to the client:

- Monthly PC Maintenance & Technical Support
- Computer Optimization
- Windows Support
- Printer Support
- Internet Support
- Virus Removal
- Spyware/Adware Removal

- Digital Camera Support and MP3 Support
- Support for Microsoft Office Products

We will provide a help line number also to the website so that client can call directly to our technician and can get help from them. So after visiting our web site client don't have wait for a technician to get back to them! They can have **Immediate IT services and** ongoing protection, too, **when they need** and so that they'll actually need it less often.

# Software requirements

## specification

We want to provide better customer service with the help of website. The main motive of the software design to provide the solution for customer management, generate reports, graphs based one customer analysis, sales analysis and market analysis etc.

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### **3.0 REQUIREMENTS AND ANALYSIS**

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#### **SYSTEM ANALYSIS**

#### **SYSTEM ANALYSIS**

- *Analysis Methodology* ➤ *Feasibility Analysis*
- *Cost Estimation Sheet*
- *Choice of the Platform*
- *Software Specification*
- *Hardware Specification*

#### **ANALYSIS METHODOLOGY**

Methodology of Systems Analysis

**Requirements analysis** – encompasses those tasks that go into determining the needs or conditions to meet for a new or altered product, taking account of the possibly conflicting requirements of the various stakeholders, such as beneficiaries or users.

**Competitive analysis (online algorithm)** – shows how online algorithms perform and demonstrates the power of randomization in algorithms .

**Lexical analysis** – the process of processing an input sequence of characters and producing as output a sequence of symbols.

**Program analysis (computer science)** – the process of automatically analyzing the behavior of computer programs.

**Semantic analysis (computer science)** – a pass by a compiler that adds semantical information to the parse tree and performs certain checks.

**Static code analysis** – the analysis of computer software that is performed without actually executing programs built from that.

**Syntax analysis** – a process in compilers that recognizes the structure of programming languages, also known as parsing.

**Worst-case execution time** – determines the longest time that a piece of software can take to run.

*The goal of the requirement analysis is to produce the software requirement specification document also known as the requirement document.*

*There are two types of major activities of this phase:*

**1. Detailed investigation: -**

*This involves a through understanding of the existing system, the part of which must be automated. A clear understanding is needed of the important data entities in the system, the purpose of different actions that are performed and*

*the inputs and outputs. This requires interacting with the clients and the end users, as well as studying the existing manuals and procedures.*

## **2. Analysis or Determination systems requirements :-**

*This involves determining what the new system should provide. These requirements should satisfy the needs of the client.*

*INPUTS: Once we know the we can easily determine what the inputs should be. Sometimes, it may happen that required information may not be readily available in the proper form. This may be because of the existing forms are not properly designed. Sometimes, it may not be possible to get the required information without the help of top management. Accuracy: - If the data is not accurate, the output will be wrong.*

- Timeliness:- *If data is not obtained in time, the entire system fall into arrears.*
- Proper format:- *The inputs must be available in proper format.*
- Economy : - *The data must be produced at the least cost.*

## **OUTPUTS:**

*1. First of all, we must determine what the objectives or goals are, what do we intend to achieve, what is the purpose of our work; in other words, what is the main aim behind the system. Defining aim is very vital in system work. If we do not know where we want to go, we will not know when we have reached there. Once we know our aim, we can try to achieve it in the best possible way.*

FILES: - *As the word implies files are used to store data. Most of the inputs necessary for the system may be historical data, or it may be possible that these are generated from within the system. These are stored in files either in terms of isolated facts or in large volumes.*

PROCESSES:- *Here we come to the details of how the inputs and files are converted into outputs. This involves the programs and the way in which data is processed through the computer. The processing involves a set of logical steps. These steps are required to be instructed to the computer and this is done by a series of instructions called “programs”.*

### **Analyzing system data**

*After gathering sufficient data to understand how the existing system operates, a proper study on data should be made for evaluating the current operation.*

### **Identifying Design Requirement**

*From the analysis, design requirements are formulated. The requirements for the new system are those features that must be incorporated to produce the improvements. The new system should have the following features:*

- *Greater speed of processing*
- *Effective procedure to eliminate errors*
- *Better accuracy*
- *Faster retrieval of information*
- *Integration of data*
- *Larger capacity of storing data with reduced cost*

*To achieve these features, several alternatives must be studied and evaluated. One alternate may not satisfy all the features. Then I select those that are feasible economically, technically and operationally. the approach may emphasize the introduction of computerized system, replacement staff, changes in operational procedures, or a combination of several options.*

### **METHODOLOGY ADOPTED**

The Project Follows The Waterfall Model. This States That The Phases Are Organized In A Linear Order. It Is Also Known As Linear Order. It Is Also Known As Linear

Swquential Model There Are Two Assumptions For Justifying The Linear Ordering Of Phases In The Manner Proposed By The Water Fall Model.

For a successful product all phases listed in the water fall model must be performed any way .Any different ordering of the phases will be reused in a less successful s/w Product.

### **WATER FALL MODEL**

The Waterfall Model Was First Process Model To Be Introduction .It Is Also Referred To As A Linear Sequential Life Cycle Model. It Is Very Simple To Understand And Use In A Waterfall Model Each Phase Must Be Complete Before The Next Phase Can Begin And There Is No Overlapping In The Phases.

Waterfall Model Is Th Earliest Sdlc Approach That Was Used For Software Development. The Waterfall Model Illustration The Software Development Process In A Linear Sequential Flow Hence It Is Also Referred To As A Linear Sequential Life Cycle Model.This Means That Any Phases In The Development Process Begins Only If The Previous Is Complete In Waterfall Model Phases Do Not Overlap.

## **SOFTWARE FEASIBILITY**

### **FEASIBILITY STUDY – SOFTWARE ENGINEERING**

A Feasibility Study Aims To Objectively And Rationally Uncover The Strength And Weakness Of An Existing Business Or Proposed Venture Opportunities And Threats Present In The Environment. The Resource Required To Carry Through, And Ultimately The Prospects For Success. In Its Simplest Terms The Two Criteria To Judge Feasibility Are Cost Required And Value To Be Attained. A Well Design Feasibility Study Should Provide A Historical Background Of The Business Or Project A Description Of The Product Or Service, Accounting, Statement, Details Of The Operations And Management, Marketing Research And Policies, Financial Data, Legal Requirements And Tax, Obligations Generally, Feasibility Studies Precede Technical Development And Project Implementation.

A Feasibility Study Evaluates The Project's Potential For Success Therefore Perceived Objectivity Is An Important Factor In The Credibility Of The Study For Potential Investors And Lending Institutions. It Must Therefore Be Conducted With An Objective, Unbiased Approach To Provide Information Upon Which Decision Can Be Based.

## **TECHNICAL FEASIBILITY.**

This Assessment Is Based On An Outline Design Of System Requirements To Determine Whether The Company Has The Technical Expertise To Handle Completion Of The Project. When Writing A Feasibility Report, The Following Should Be Taken Into Consideration A Brief Description Of The Business To Assess More Possible Factors Which Could Affect The Study. The Part Of The Business Being Examined The Human And Economic Factor The Possible Solution To The Problem At This Level The Concern Is Whether The Proposal Is Both Technically And Legally Feasible (Assuming Moderate Cost).

The Technical Feasibility Assessment Is Focused On Gaining An Understanding Of The Present Technical Resources Of The Organization And Their Applicability To The Expected Needs Of The Proposed System. It Is An Evaluation Of The Hardware And Software And How It Meets The Need Of The Proposed System.

## **LEGAL FEASIBILITY.**

Determine whether the proposed system conflicts with legal requirements data processing system must comply with the local data protection regulation and if the proposed venture is accepted in accordance to the law of the land

## **OPERATIONAL FEASIBILITY.**

Operational feasibility is the measure of how well a proposed system solves the problems and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development

The operational feasibility assessment focus on the degree to which the proposed development projects fits in with the existing business environment and objectives with regard to development schedule delivery date corporate culture and existing business processes.

To ensure success, desired operational outcome must be imparted during design and development these include such design dependent parameters as reliability, maintainability, supportability, usability, producibility, disposability, sustainability, usability, producibility, disposability, sustainability, affordability, and others. These parameters are required to be considered at the early stages of design if desired operational behaviours are to be realised. A system design and development requires appropriate and timely application of engineering and management efforts to meet the previously mentioned parameters. A system may serve its intended purpose most effectively when its technical and operating characteristics are engineered into the design therefore operational feasibility is a critical aspect of system engineering that needs to be an integral part of the early design phases

## **SCHEDULE FEASIBILITY**

A project will fail if it takes too long to be completed before it is useful typically this means estimating how long the system will take to develop and if it can be completed in a given time period using some methods like payback period. Schedule feasibility is a measure of how reasonable the project timetable is

Given our technical expertise are the project deadlines reasonable? Some projects are initiated with specific deadlines. It is necessary to determine whether the determine whether the deadlines are mandatory or desirable

## Fact finding

Fact finding means learning as possible about the present system to do fact finding I does the following

- Interviews personnel
- Prepares questionnaires
- Observes the current system
- Gather forms and document currently in use
- Determine the flow of data through the system and clearly determine the system requirements.

## COST /BENEFIT ANALYSIS

Cost-benefit analysis is a tool for evaluating effectiveness of the project. It may be used by the management to decide as to what extent benefits outweigh the costs.

The cost associated with the proposed business system are the expenses arising from developing, installing, training and implementing the system. The benefits are the advantages gained, including money savings, from implementing the proposed system. Here we plan how effective our project will be when it completely developed. Here we checked whether this project benefitted us or not.

worthwhile to invest in the proposed project. If the return on the investment is high, then the project is considered economically worthwhile.

## TYPES OF COSTS AND BENEFIT

### **• TANGIBLE OR INTANGIBLE**

Tangible cost means that which is definite and can therefore be determined in advance. It is the cost which can be estimated quite accurately.

Intangible cost refers to something which we know exists but financial value of which cannot be accurately assessed.

Tangible benefits, like costs, are not difficult to specify accurately.

Benefits such as more satisfied customers or an improved corporate image or faster response to customer inquiries or better working condition are not easily quantified. These are all intangible benefits.

### **FIXED OR VARIABLE:**

Costs that are constant and do not change are **fixed cost** variable costs are those that are incurred periodically and vary with the volume of work.

**Fixed benefits** are constant and do not change.

**Variable benefits**, on the other hand, are realized on an irregular basis.

### **• DIRECT OR INDIRECT:**

**Direct** costs are those costs directly associated with the system that are incurred in buying equipment, employing people, cost of consumable items, rent for accommodation etc.

- **Indirect costs** are the results of operations that are not directly associated with a given system or activity.

A new system that can handle 25% more transactions per day is giving a **direct benefit**.

**Indirect benefits** are achieved as a by-product of another activity or system

## **PLANNING AND SCHEDULING**

### **PROJECT PLANNING**

The objective of project planning can be described in the terms of the successful project which has been completed on time, within the budgeted cost and to the technical specification which satisfied the user. The project planning calls for detailing the project into activities, estimating the resource requirements and also the time for each activity relationships. Scheduling requires the details of starting and completion dates for each activity.

Gantt chart is one of the techniques of project scheduling. Also known as bar chart developed by Henry. L. Gantt. These charts show the graphical representation of work on the time scale.

## **PERT (Program Evaluation and Review Technique)**

PERT is a network planning method for managing and controlling large one-time projects.

It is a technique for scheduling complicated projects comprising many activities, some of which are interdependent.

A **PERT network** is a flowchart like diagram that depicts the sequence of activities needed to complete a project and the time or costs associated with each activity.

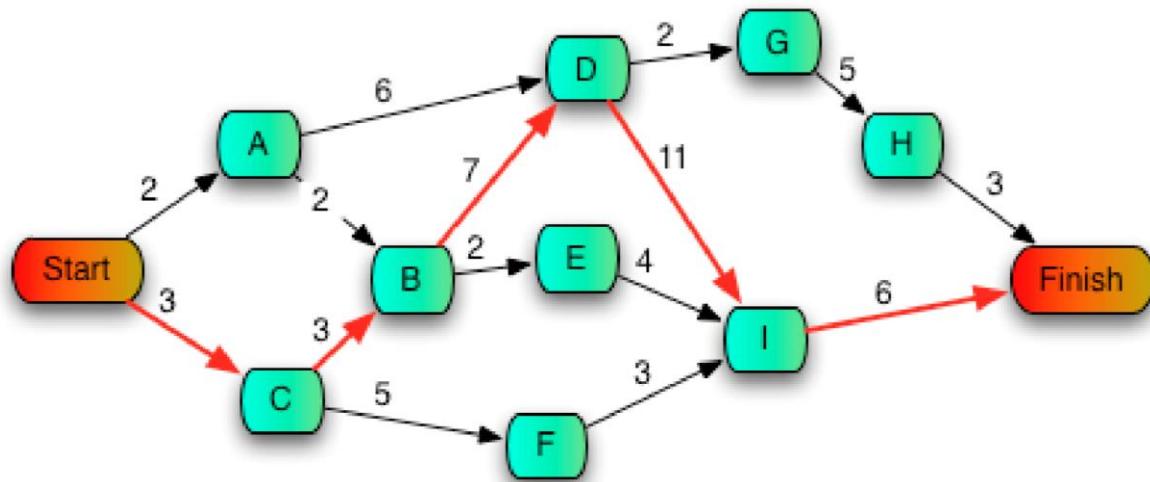
1. All of the major activities in the project are specified.
2. The sequences of these activities are determined
3. A **network diagram** a graphic depiction of the interrelationships among activities, is constructed.
  - a. An **activity** is a work component to be accomplished, and is represented by an arrow on the network diagram.
  - b. An **event (or node)** represents a single point in time that is the beginning or the ending of an activity.
4. Three time estimates for each activity are determined and an expected time is calculated for each activity.

5. The **critical path** is the path of activities and events in the network that will take the longest time to complete

a. Delays on any activities on the critical path mean that the project will be delayed.

b. **Slack** is the degree of latitude about when various activities can be started without endangering the completion date of the entire project.

6. After the project has begun, actual times for completion of each activity are collected and recorded on the PERT network so that any rescheduling and adjustments can be made as quickly as possible.



## GANTT CHART OR TIME LINE CHART

A timeline chart can be developed for the entire project. Alternatively, separate charts can be developed for each project function or for each individual working on the project.

When multiple bars occur at the same time on the calendar, task concurrency is implied. The diamonds indicate milestones.

Once the information necessary for the generation of a timeline chart has been input,

the majority of software project scheduling tools produce *Project tables*-s a tabular listing of all project tasks, their planned and actual start- and end-dates, and a variety of related information (Figure 1). Used in conjunction with the timeline chart, project tables enable the project manager to track progress.

Gantt chart is used for the time estimation of the project. A tabular form is maintained where rows indicate the task and column indicates duration. The horizontal bar that spans across column indicates duration of the task

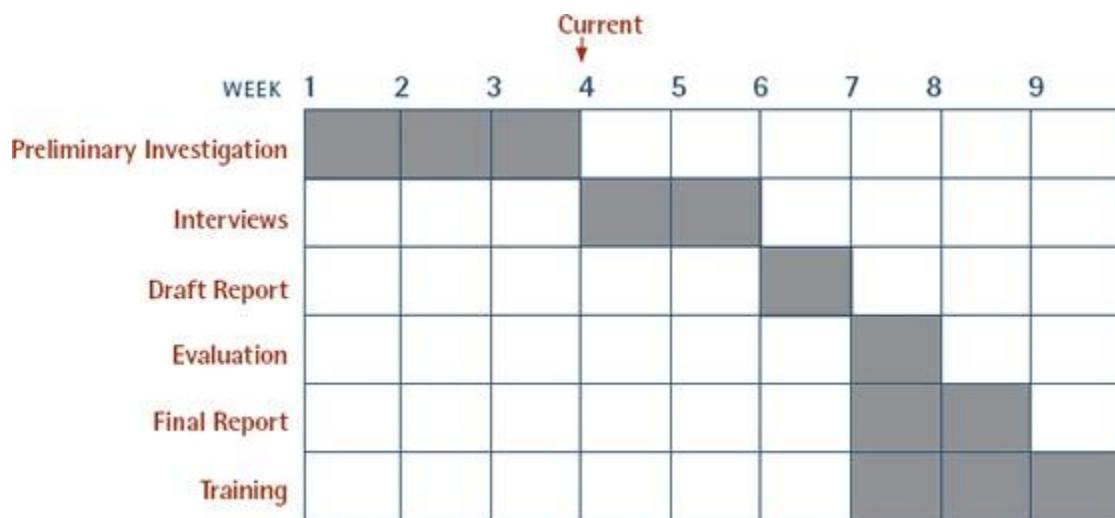


Figure1. GANTT CHART FOR RTSMS

# SYSTEM DESIGN

The system design develops the architectural detail required to build a system or product. As in the case of any systematic approach, this software too has undergone the best possible design phase fine tuning all efficiency, performance and accuracy levels. The first step in system designing is to determine how the output is to be produced and in what format. Samples of the output and input are also presented. In the second step, input data and master files are to be designed to meet requirement of the proposed output. The processing phases are handled through program construction and testing, including a list of the programs needed to meet the system's objectives and complete documentation.

## DESIGN METHODOLOGY

System design is the solution to the creation of a new system. This phase is composed of several systems. This phase focuses on the detailed implementation of the feasible system.

It emphasis on translating design specifications to performance specification.

System design has two phases of development logical and physical design.

During logical design phase the analyst describes inputs (sources), out puts (destinations), databases (data stores) and procedures (data flows) all in a format that meets the uses requirements. The analyst also specifies the user needs and at a level that virtually determines the information flow into and out of the system and the data resources. Here the logical design is done through data flow diagrams and database design.

The physical design is followed by physical design or coding. Physical design produces the working system by defining the design specifications, which tell the programmers exactly what the candidate system must do. The programmers write the necessary programs that accept input from the user, perform necessary processing on accepted

data through call and produce the required report on a hard copy or display it on the screen.

### **LOGICAL DESIGN**

Logical design of an information system shows the major features and also how they are related to one another. The first step of the system design is to design logical design elements. This is the most creative and challenging phase and important too. Design of proposed system produces the details of the state how the system will meet the requirements identified during the system analysis that is, in the design phase we have to find how to solve the difficulties faced by the existing system. The logical design of the proposed system should include the details that contain how the solutions can be implemented. It also specifies how the database is to be built for storing and retrieving data, what kind of reports are to be created and what are the inputs to be given to the system. The logical design includes input design, output design, and database design and physical design

### **PHYSICAL DESIGN**

The process of developing the program software is referred to as physical design. We have to design the process by identifying reports and the other outputs the system will produce. Coding the program for each module with its logic is performed in this step. Proper software specification is also done in this step.

## **MODULAR DESIGN**

A software system is always divided into several sub systems that makes it easier for the development. A software system that is structured into several subsystems makes it easy for the development and testing. The different subsystems are known as the modules and the process of dividing an entire system into subsystems is known as modularization or decomposition.

A system cannot be decomposed into several subsystems in any way. There must some logical barrier, which facilitates the separation of each module.

The separation must be simple but yet must be effective so that the development is not affected.

The system under consideration has been divided into several modules taking in consideration the above-mentioned criteria. The different modules are

### **MODULES**

- ❖ Information Exchange Management System
- ❖ Hardware Management System
- ❖ Software Management System
- ❖ Employee Management System
- ❖ Client Management System
- ❖ Security Management System
- ❖ Support service Management System
- ❖ Transaction Management System

## **INPUT DESIGN**

The input design is the link between the information system and the user. It comprises the developing specification and procedures for data preparation and those steps are necessary to put transaction data into a usable form for processing data entry. The activity of putting data into the computer for processing can be achieved by inspecting the computer to read data from a written or printed document or it can occur by having people keying the data directly into the system. The design of input focuses on controlling the amount of input required, controlling errors, avoiding delay, avoiding extra steps and keeping the process simple.

The system needs the data regarding the asset items, depreciation rates, asset transfer, physical verification for various validation, checking, calculation and report generation.. The error raising method is also included in the software, which helps to raise error message while wrong entry of input is done. So in input design the following things are considered.

- What data should be given as input?
- How the data should be arranged or coded?
- Methods for preparing input validations and steps to follow when error occur
- The samples of screen layout are given in the appendix

## **OUTPUT DESIGN**

Computer output is the most important and direct information source to the user. Output design is a process that involves designing necessary outputs in the form of reports that should be given to the users according to the requirements. Efficient, intelligible output design should improve the system's relationship with the user and help in decision making. Since the reports are directing referred by the management for taking decisions and to draw conclusions they must be designed with almost care and the details in the reports must be simple, descriptive and clear to the user. So while designing output the following things are to be considered.

- Determine what information to present
  - Arrange the presentation of information in an acceptable format
  - Decide how to distribute the output to intended receipts
- 
- Depending on the nature and future use of output required, they can be displayed on the monitor for immediate need and for obtaining the hardcopy. The options for the output reports are given in the appendix.

## **DATABASE DESIGN**

The overall objective in the development of database technology has been to treat data as an organizational resource and as an integrated whole. DBMS allow data to be protected and organized separately from other resources. Database is an integrated collection of data. The most significant form of data as seen by the programmers is data as stored on the direct access storage devices. This is the difference between logical and physical data.

Database files are the key source of information into the system. It is the process of designing database files, which are the key source of information to the system. The files should be properly designed and planned for collection, accumulation, editing and retrieving the required information.

**The organization of data in database aims to achieve three major objectives:-**

- Data integration.
- Data integrity.
- Data independence.

The proposed system stores the information relevant for processing in the MS SQL SERVER database. This database contains tables, where each table corresponds to one particular type of information. Each piece of information in table is called a field or column. A table also contains records, which is a set of fields. All records in a table have the same set of fields with different information. There are primary key fields that uniquely identify a record in a table. There are also fields that contain primary key from another table called foreign keys.

### Database

What is Normalization ?

Normalization is a process of **eliminating Redundant** data and **storing** the **related information** in a table.

1. Eliminating Redundant data.
2. Faster update
3. Improve performance
4. Performance in indexes.

Let we see different Normalization forms

### 1. First Normal Form (1NF)

If a Table is said to be 1NF then it should satisfy following rules.

- **Each cell must have one value**
- **Eliminating Duplicate Columns**
- Create a separate table for group of related data and **each row must be identify by primary key.**

That means each cell must have single value and each row should be uniquely identified by Primary key

### 2. Second Normal Form (2NF)

The Table must be in second normal form , Then it should satisfy the following rules.

- It should satisfy first normal form
- Separate the particular columns ,values are duplicated in each row should be place in separate table
- Create the relationship between the tables.

### 3. Third Normal Form (3NF)

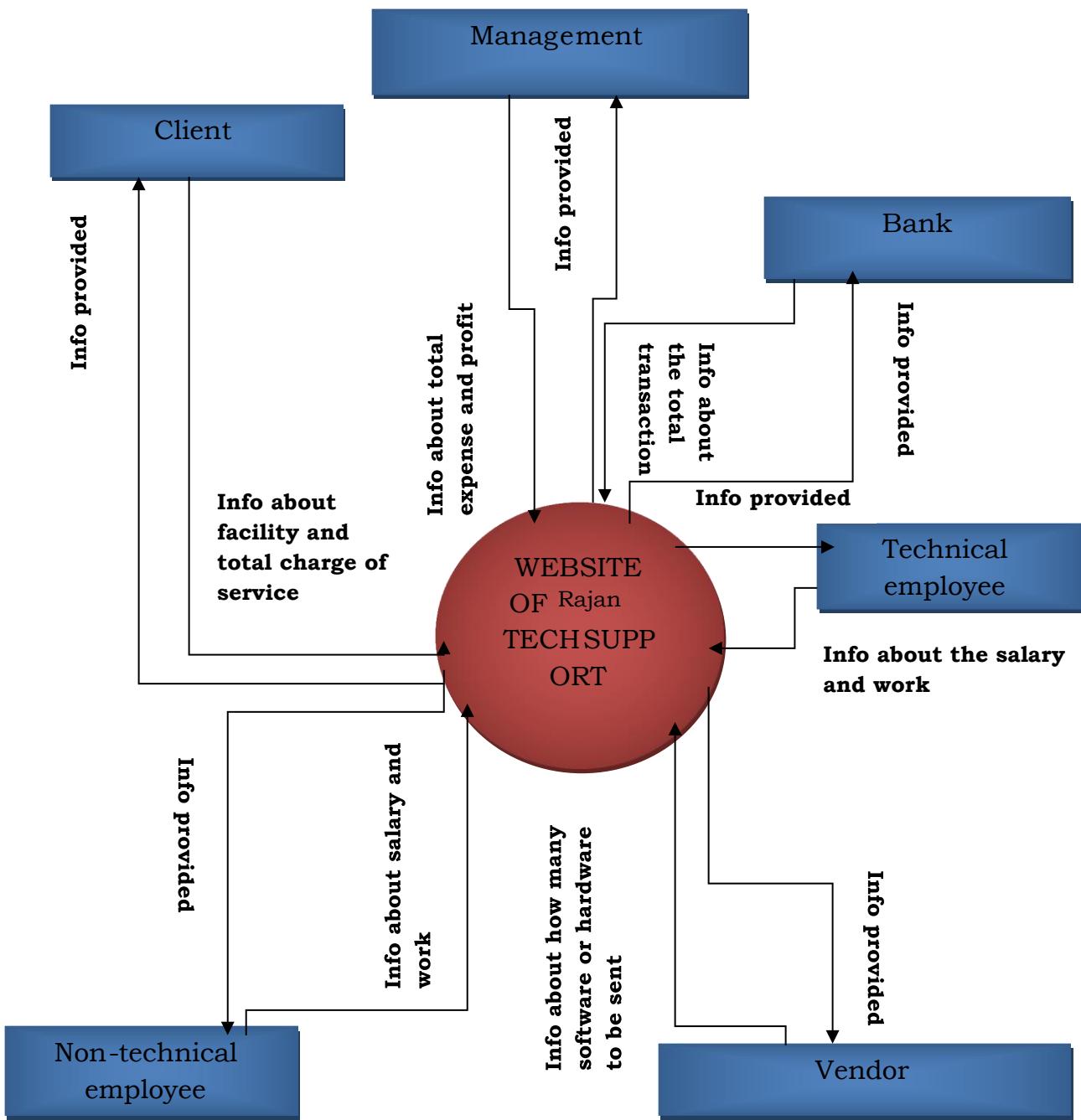
The table must be in 3NF,if it is satisfying the following rule

- Must be in 2NF
- Separate the columns that are not dependent upon the primary key of the table.

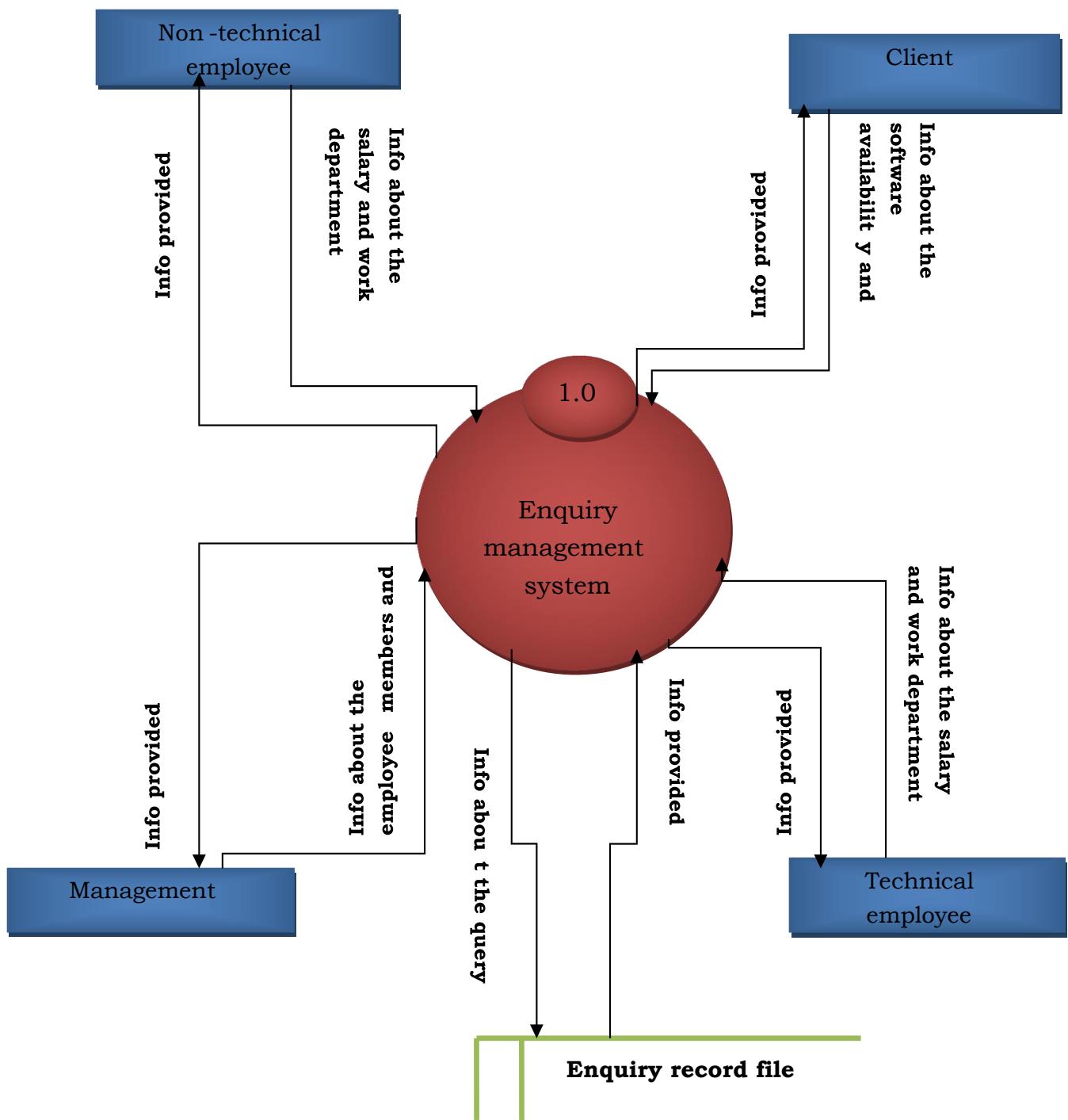
### 4. Fourth Normal Form (4NF)

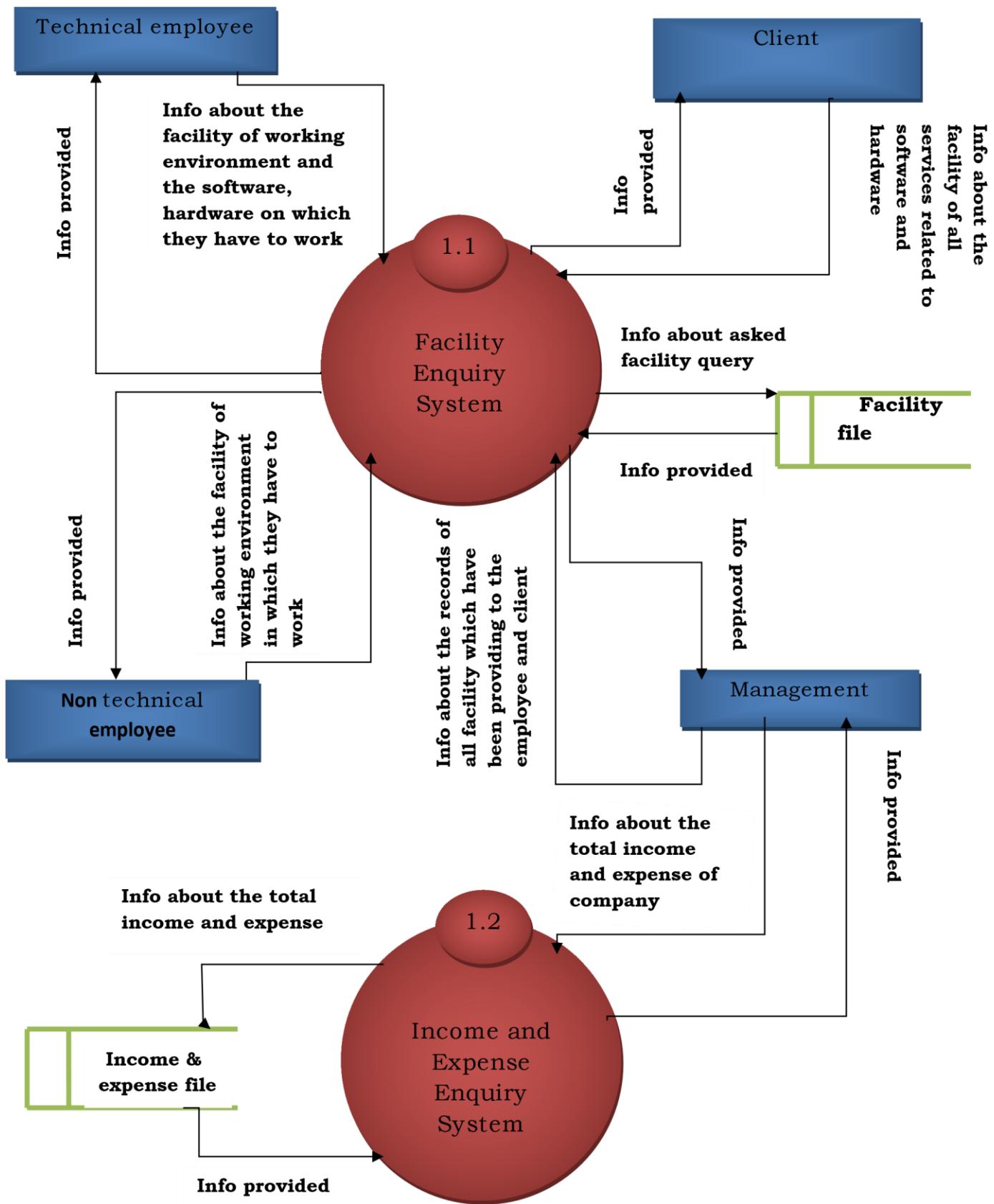
- It should be in 3NF
- The non key columns should be dependent on full primary key instead of partial key , If then separate it.

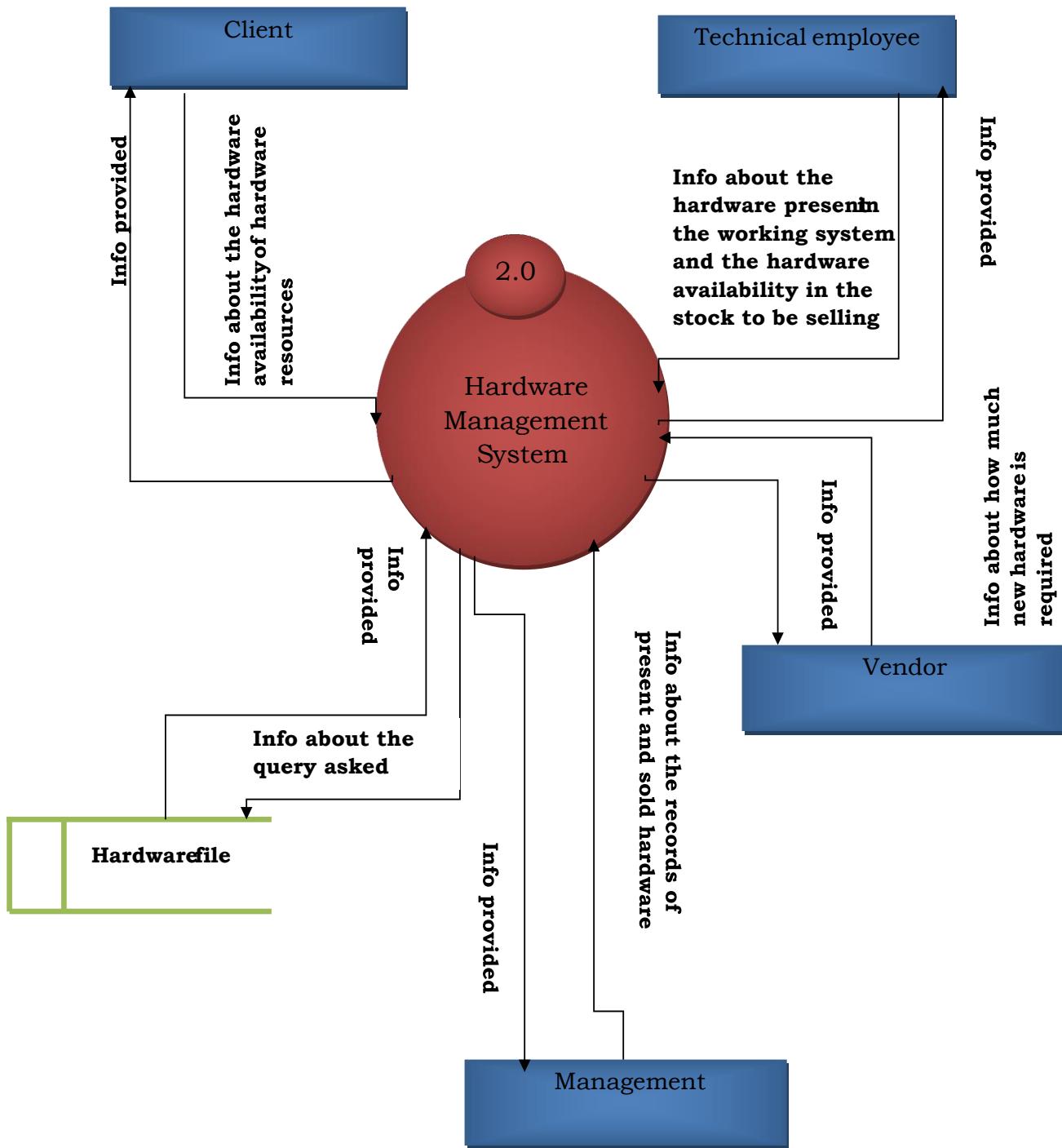
## DFD (Data flow diagram):-

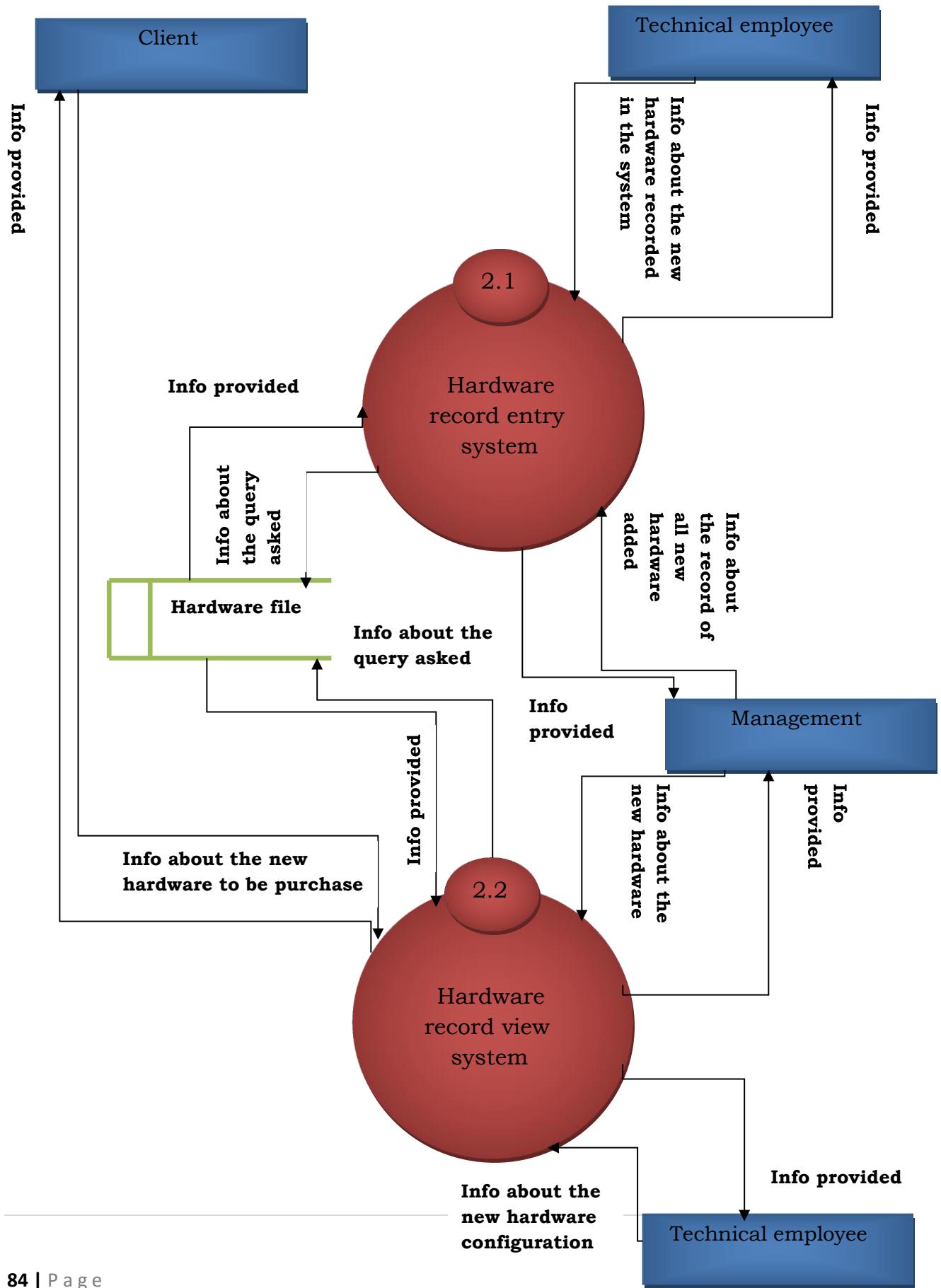


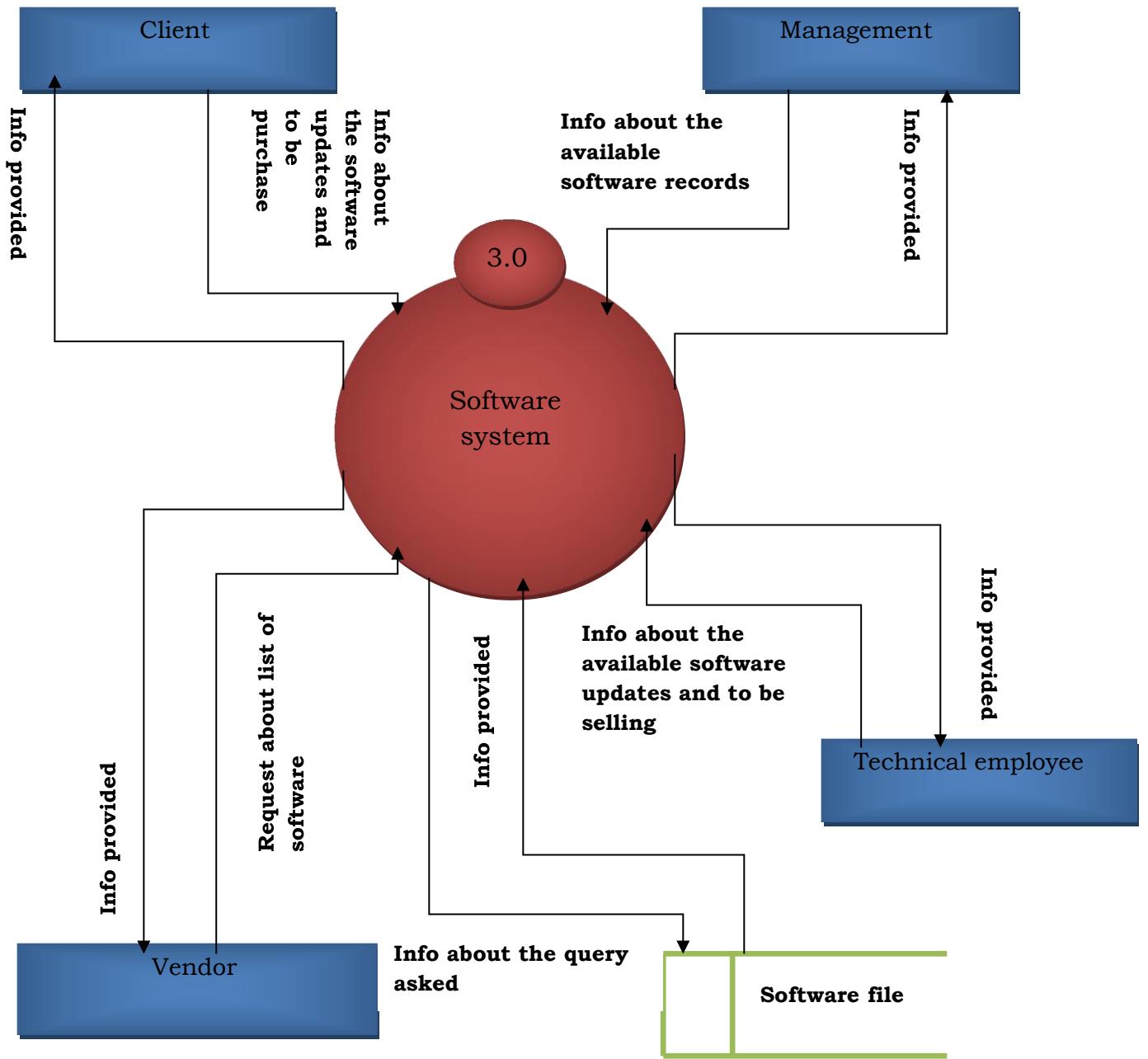


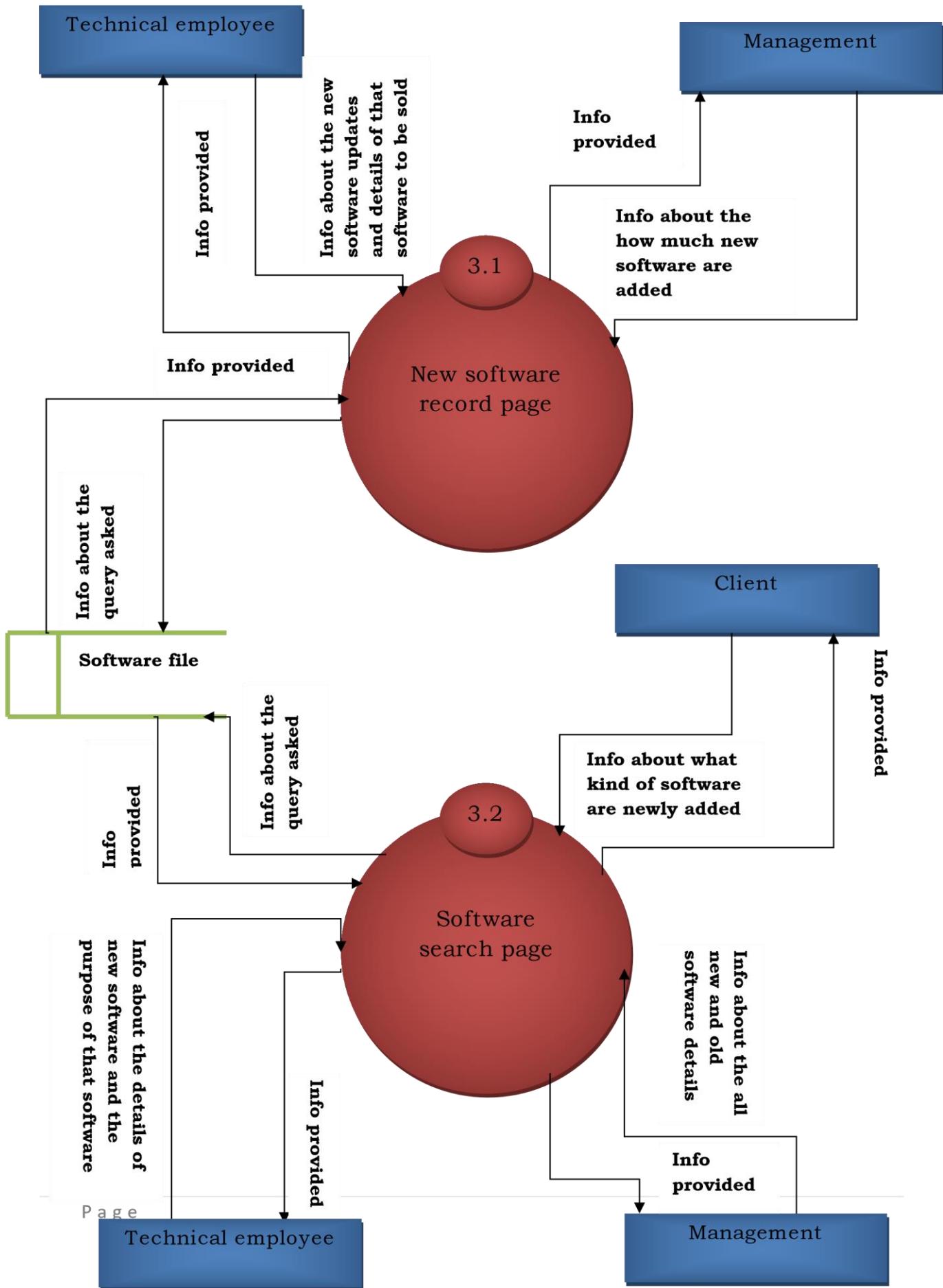


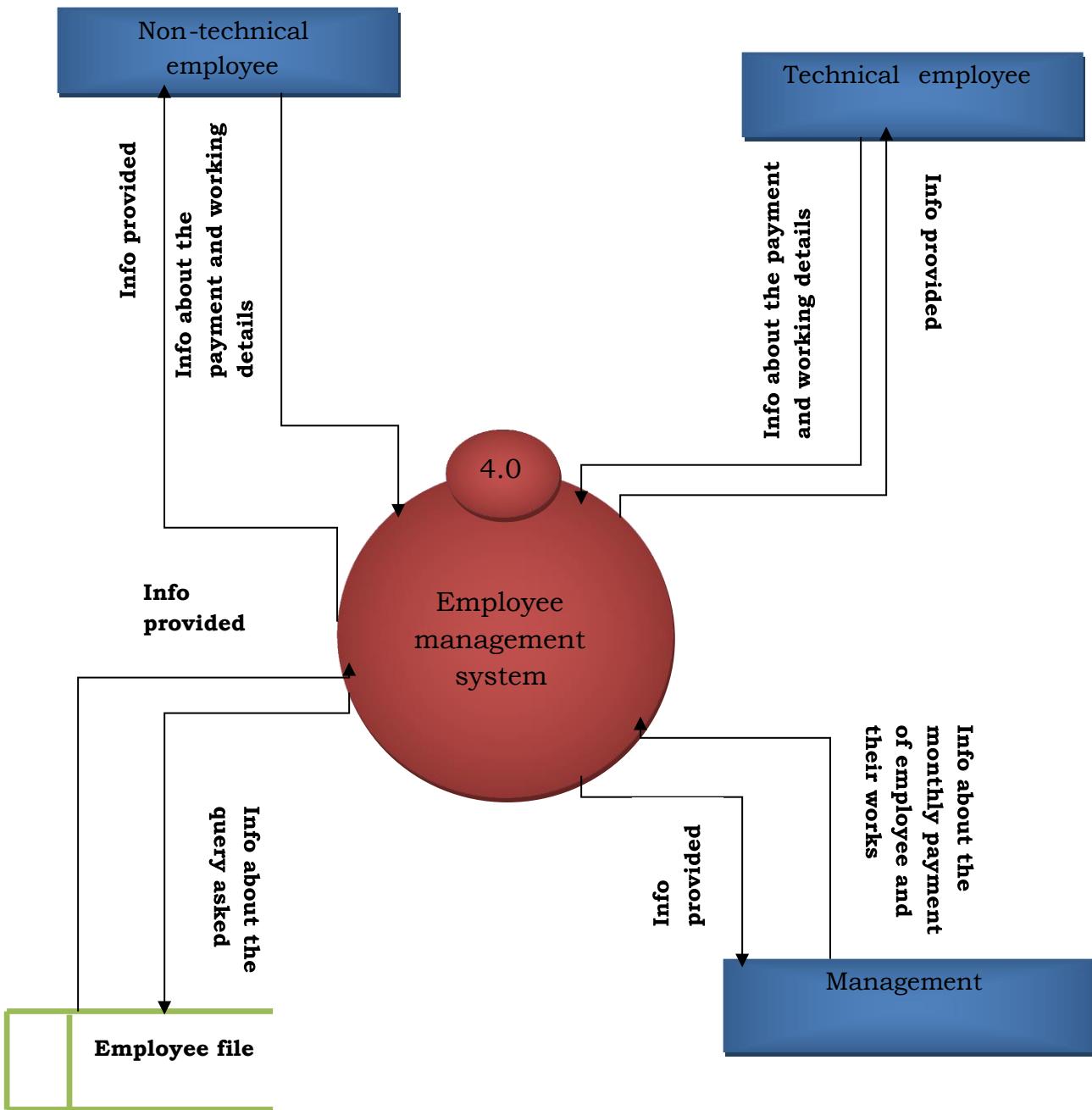


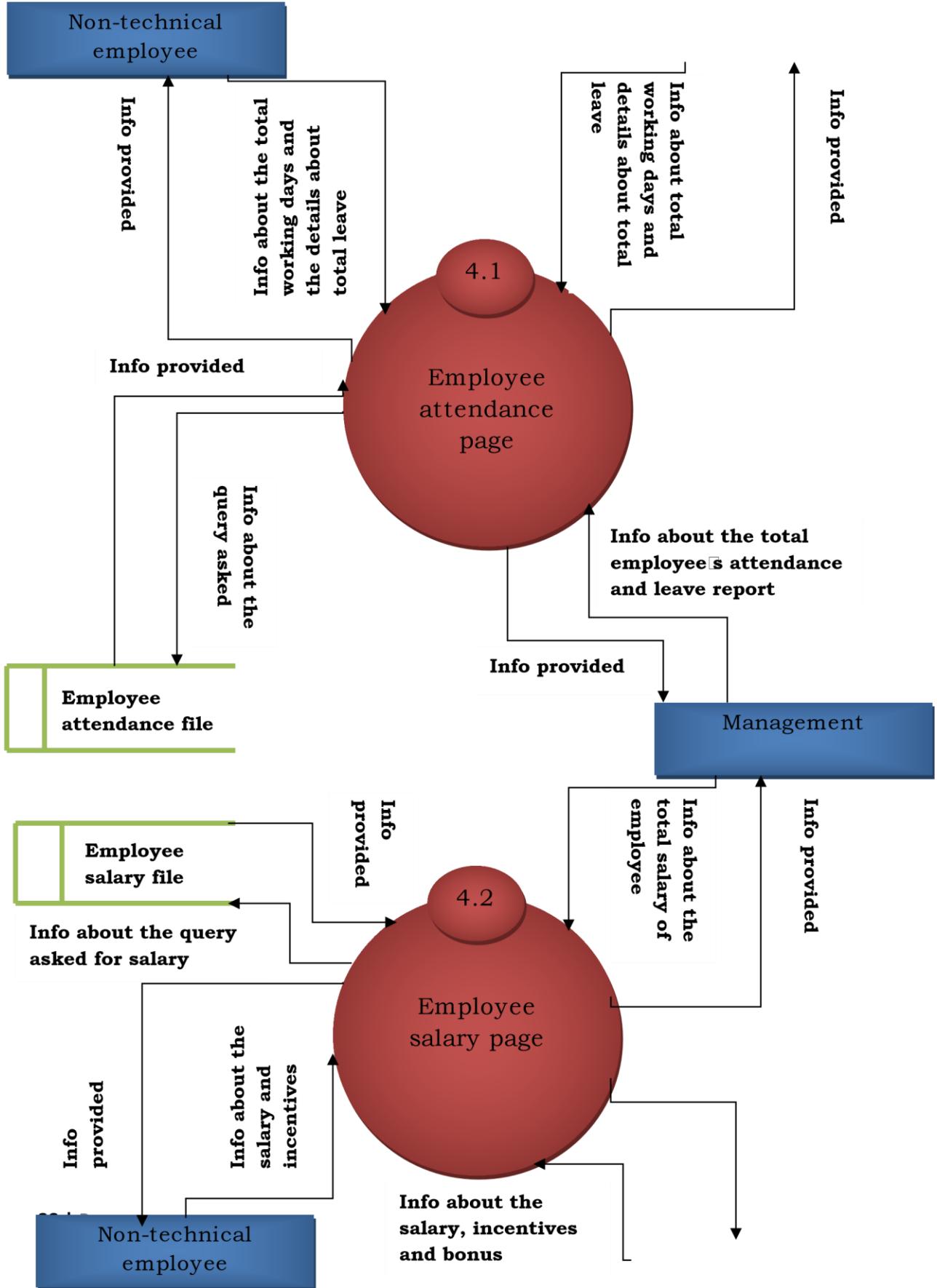


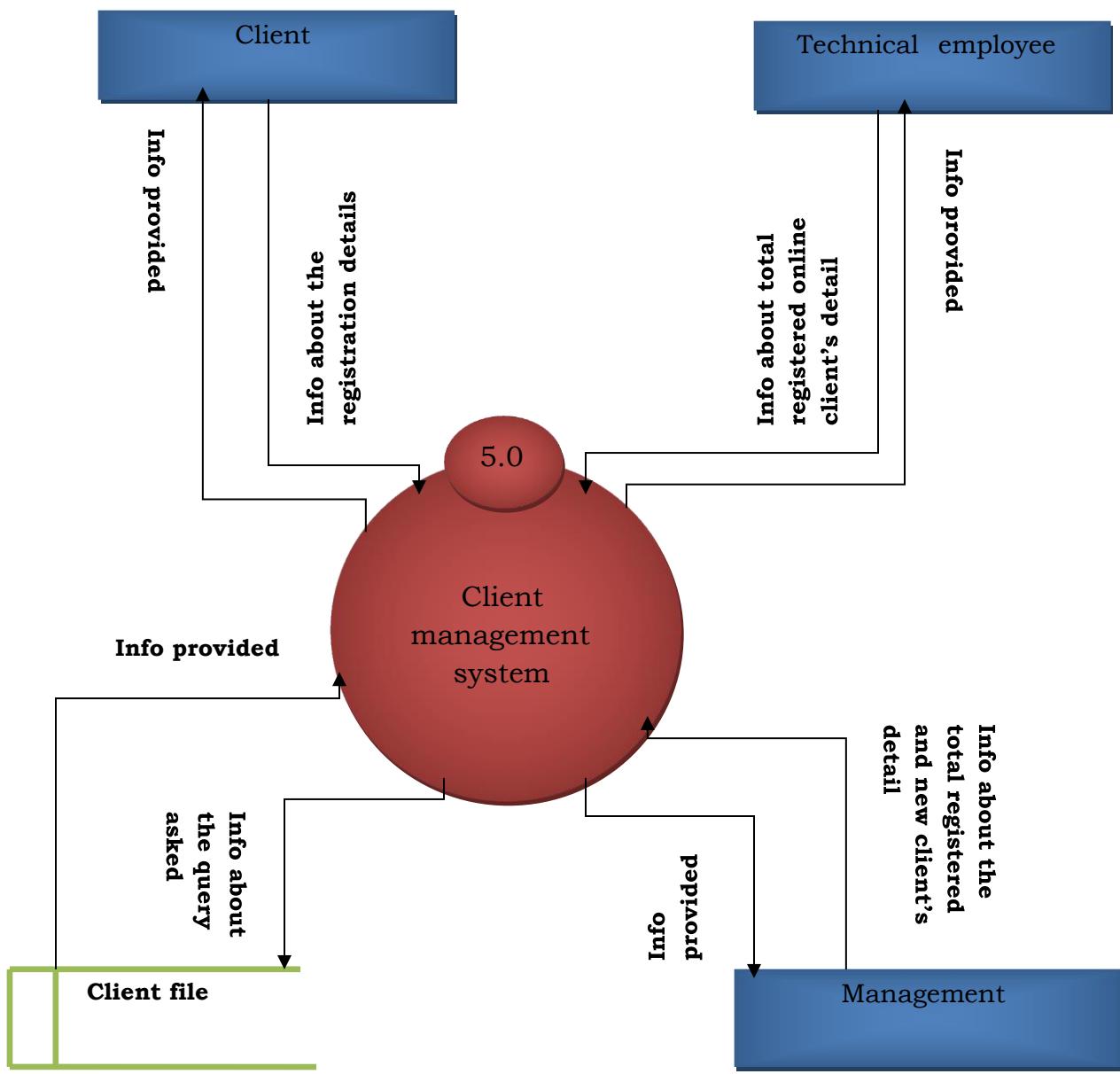


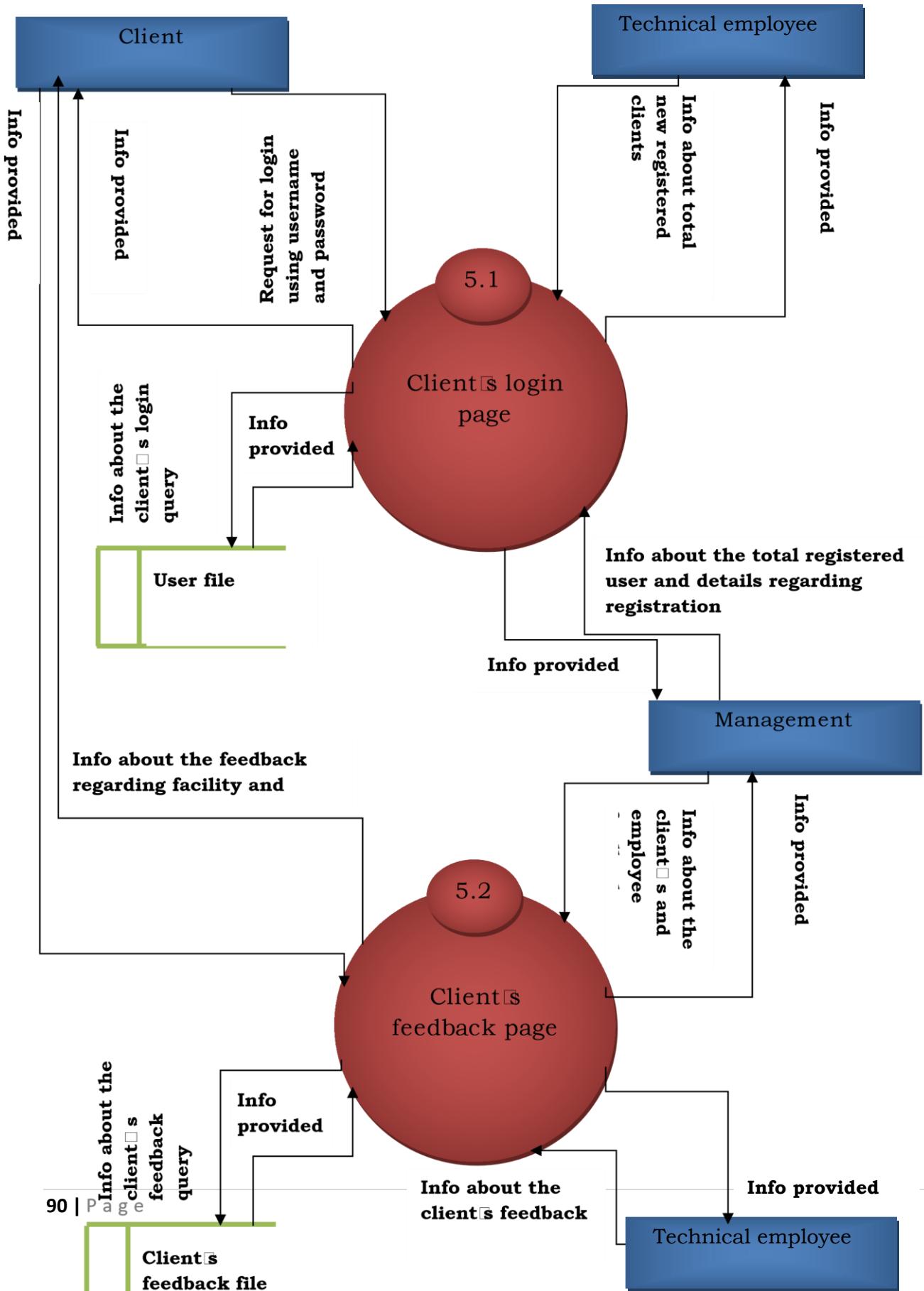


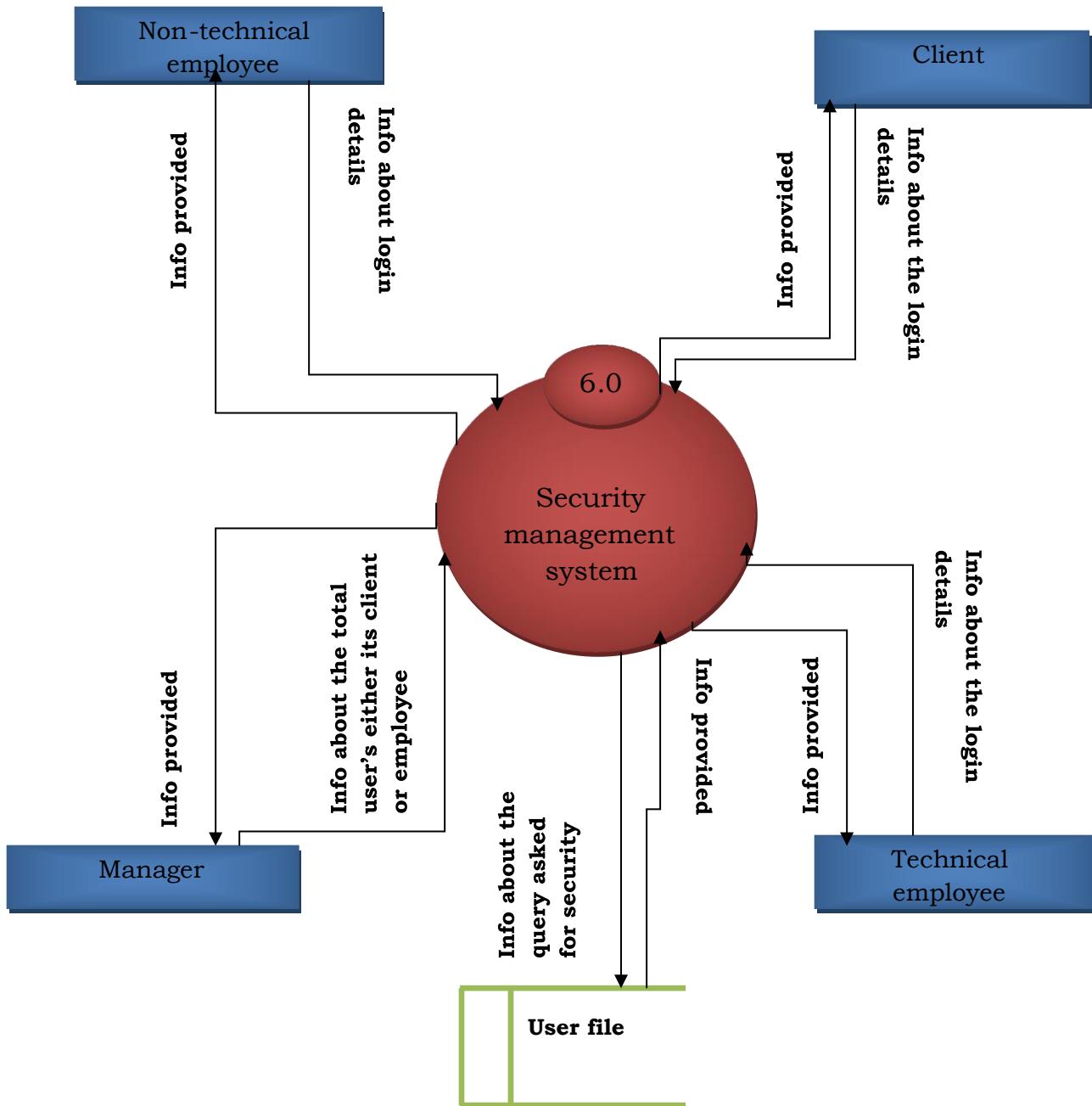


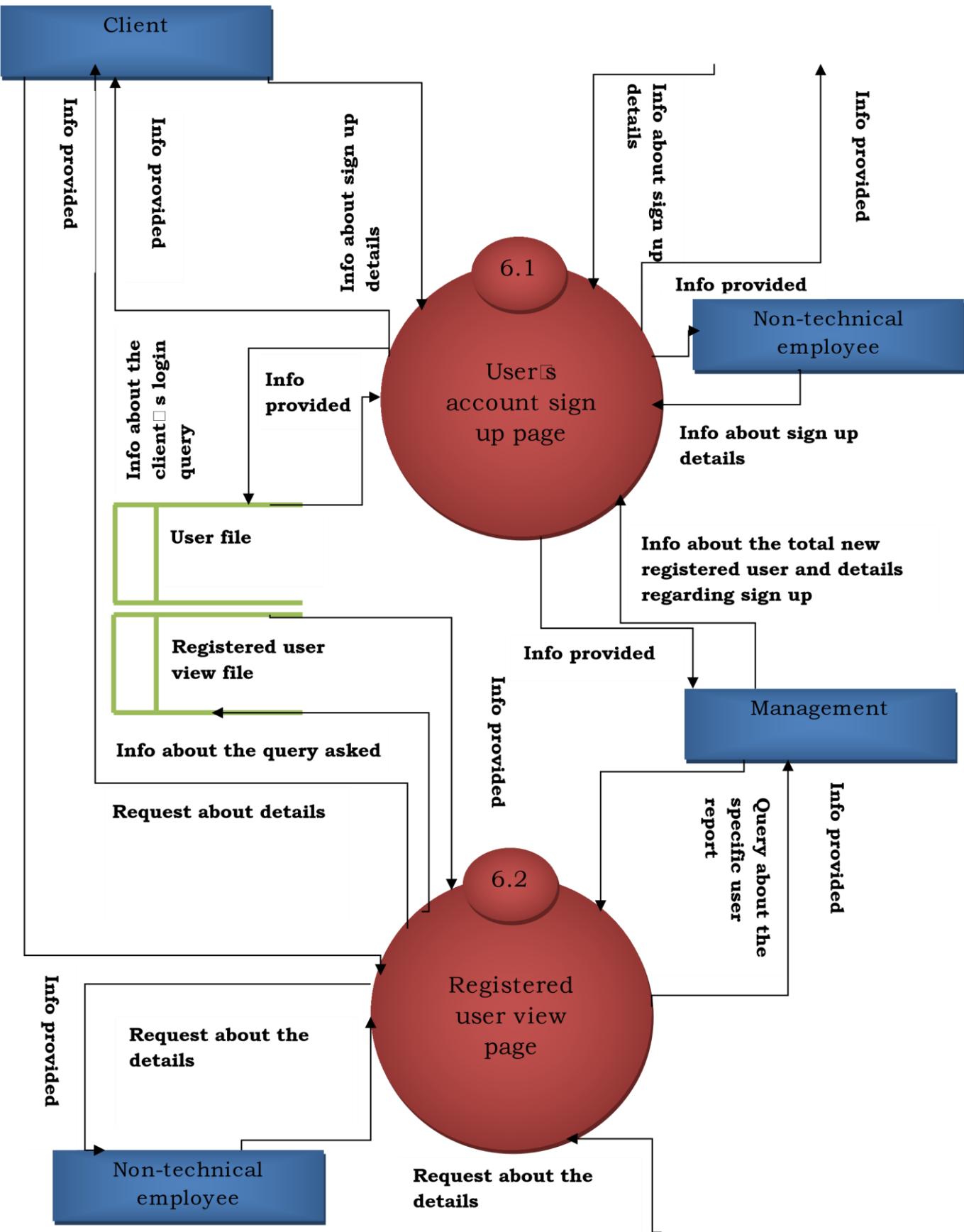


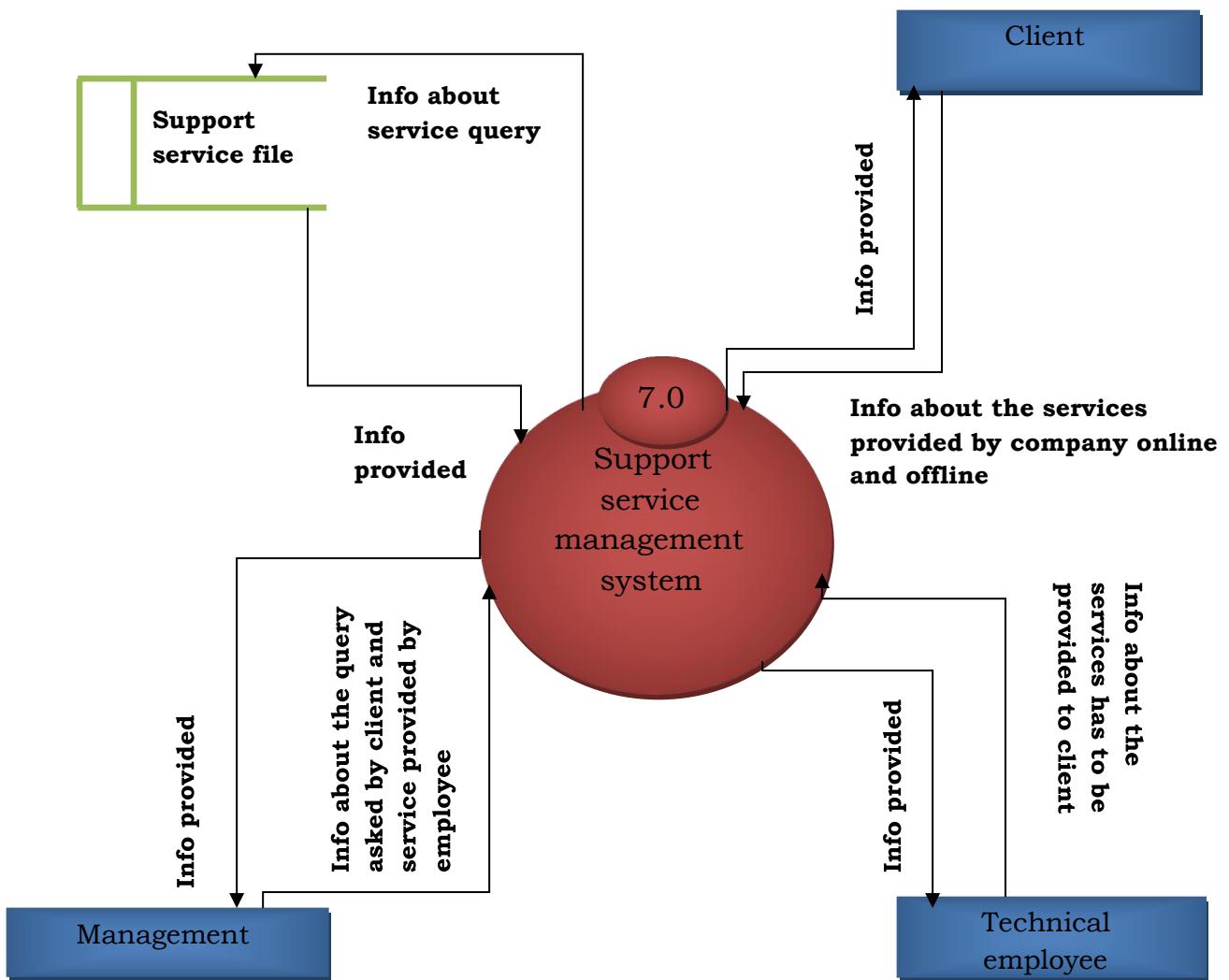


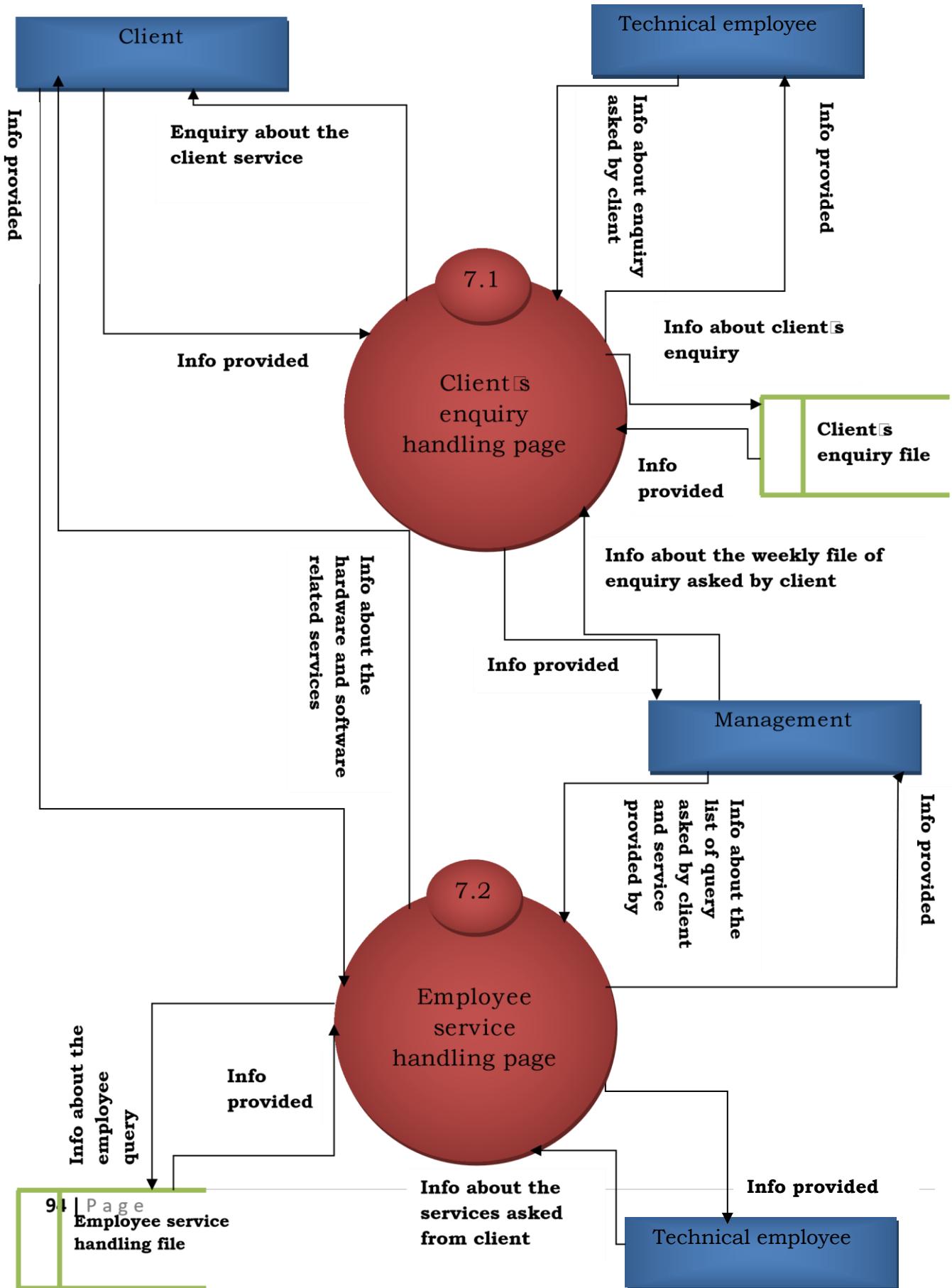


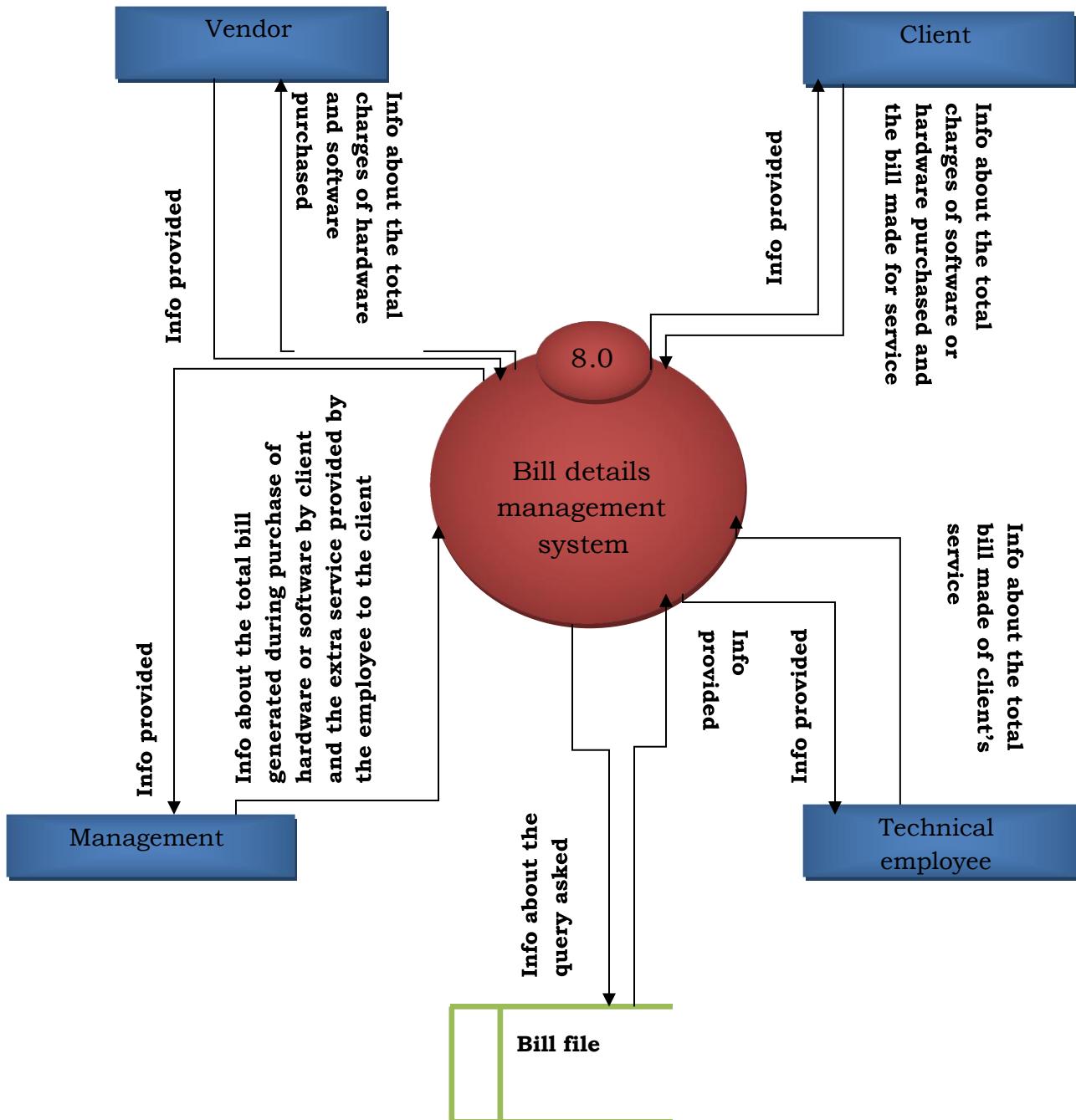


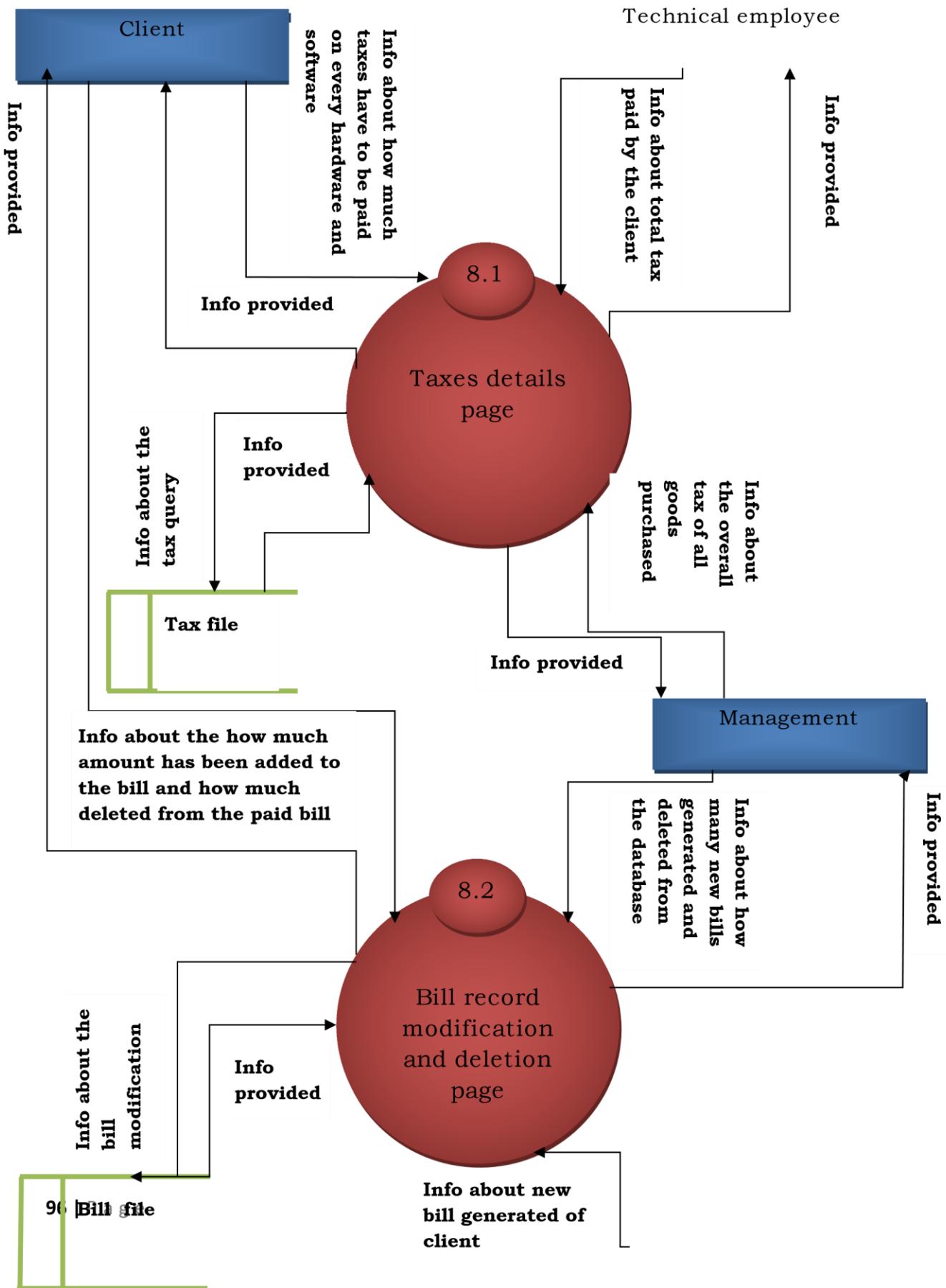


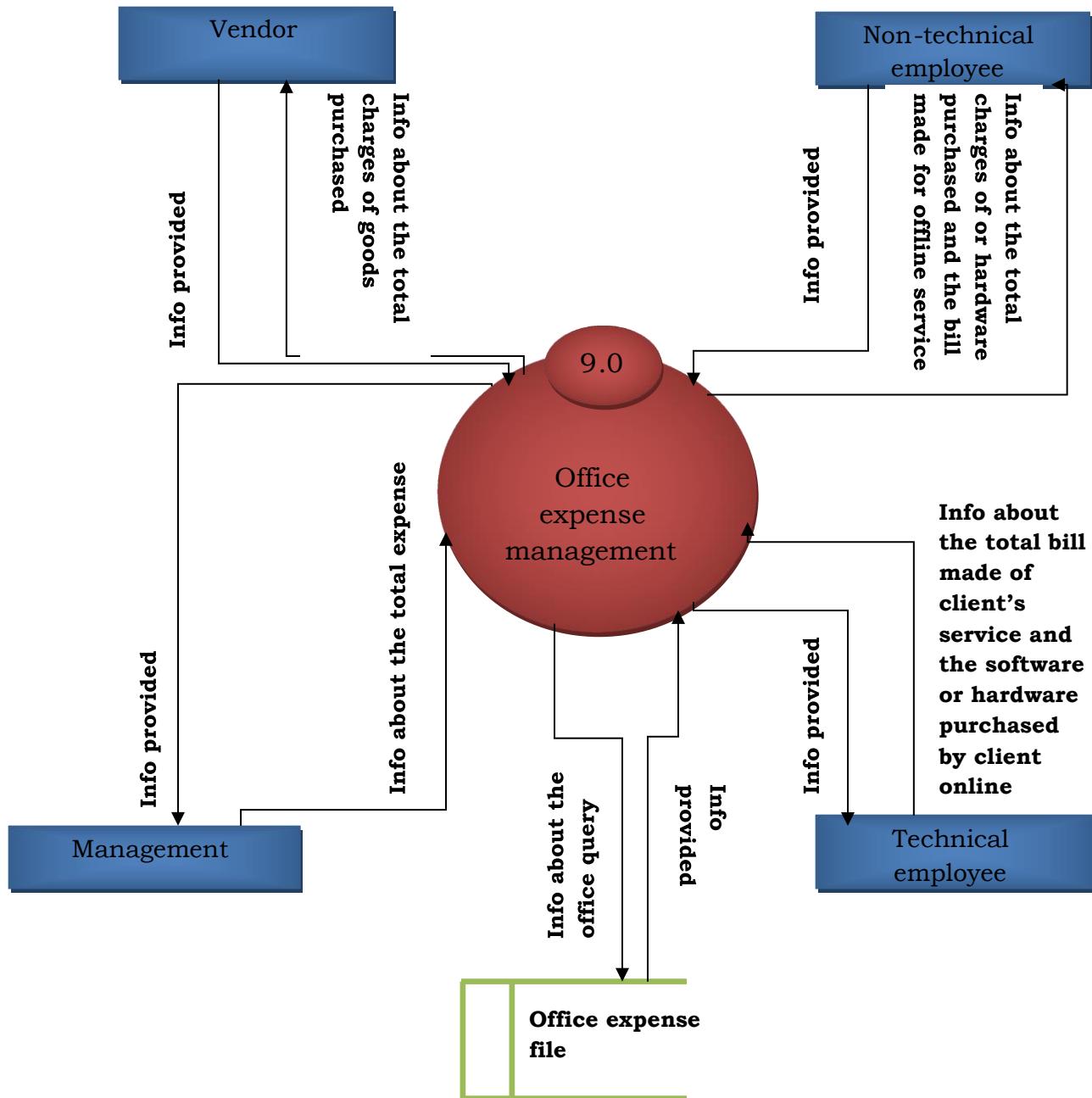


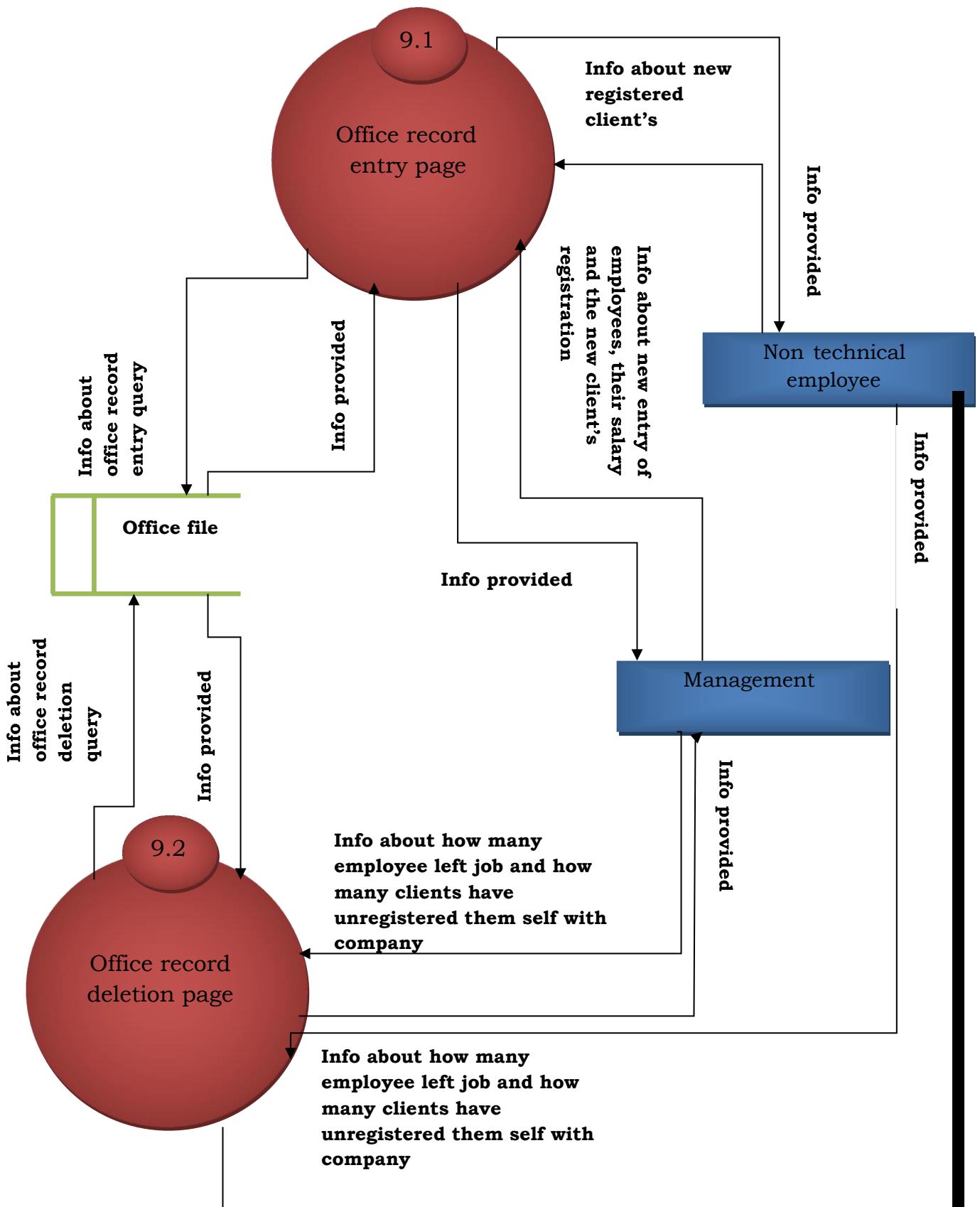




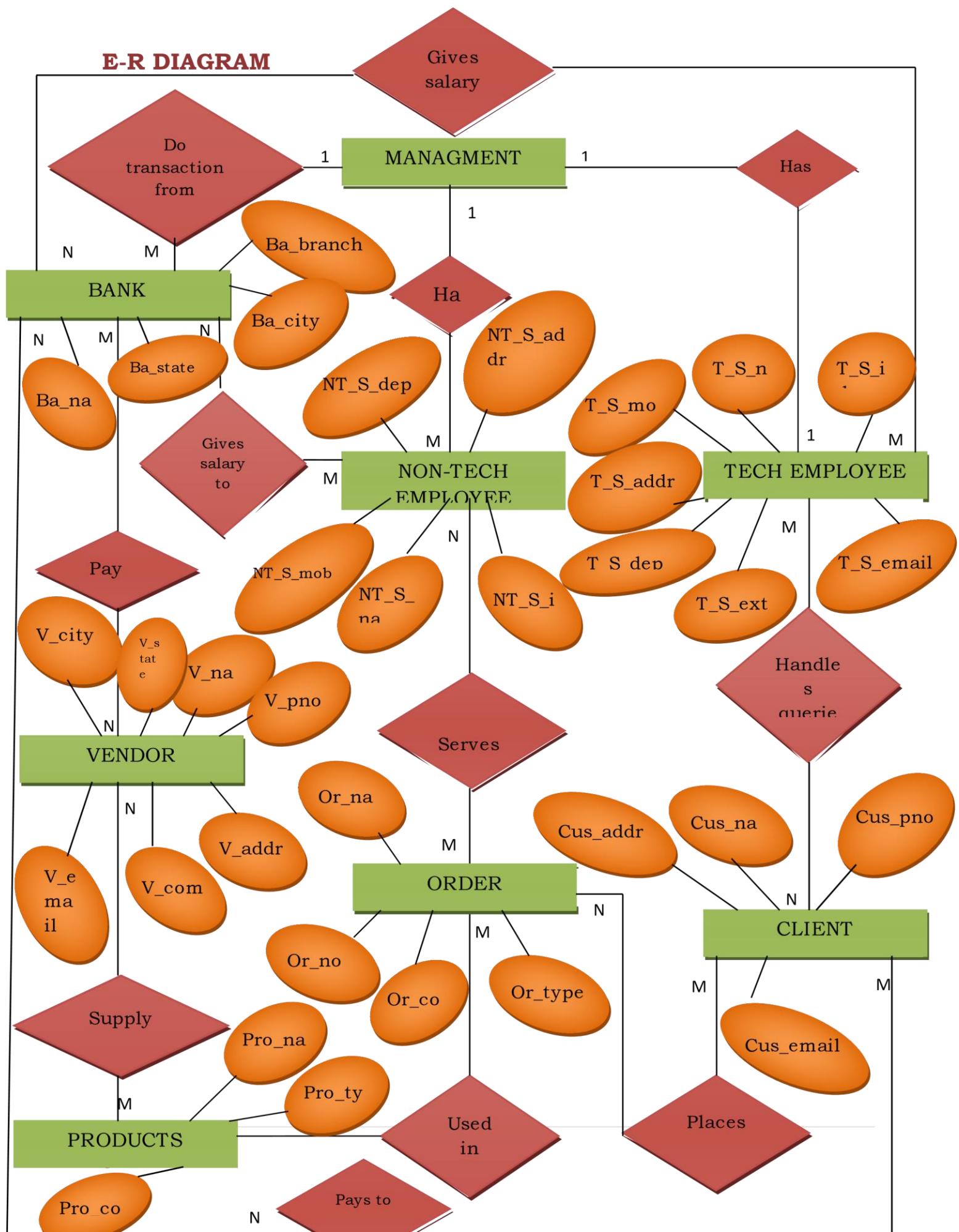








## E-R DIAGRAM



# TOOLS ENVIRONMENT USED

- **JSP(Java Server Pages)**
- **Oracle 10g**
- **Java Script**
- **Windows 7**

**JSP** technology is used to create web application just like Servlet technology. It can be thought of as an extension to servlet because it provides more functionality than servlet such as expression language, jstl etc.

A JSP page consists of HTML tags and JSP tags. The jsp pages are easier to maintain than servlet because we can separate designing and development. It provides some additional features such as Expression Language, Custom Tag etc.

## **Advantage of JSP Servlet**

There are many advantages of JSP over servlet. They are as follows:

### **1) Extension to Servlet**

JSP technology is the extension to servlet technology. We can use all the features of servlet in JSP. In addition to, we can use implicit objects, predefined tags, expression language and Custom tags in JSP, that makes JSP development easy.

## **2)Easy to maintain**

JSP can be easily managed because we can easily separate our business logic with presentation logic. In servlet technology, we mix our business logic with the presentation logic

## **3) Fast Development: No need to recompile and redeploy**

If JSP page is modified, we don't need to recompile and redeploy the project. The servlet code needs to be updated and recompiled if we have to change the look and feel of the application.

## **4) Less code than Servlet**

In JSP, we can use a lot of tags such as action tags, jstl, custom tags etc. that reduces the code. Moreover, we can use EL, implicit objects etc.

### **Life cycle of a JSP Page**

The JSP pages follows these phases:

- Translation of JSP Page
- Compilation of JSP Page
- Classloading (class file is loaded by the classloader)
- Instantiation (Object of the Generated Servlet is created).
- Initialization ( `jsplInit()` method is invoked by the container).
- Request processing ( `_jspService()` method is invoked by the container).
- Destroy ( `jspDestroy()` method is invoked by the container).

**Note: `jsplInit()`, `_jspService()` and `jspDestroy()` are the life cycle methods of JSP.**

## **Creating a simple JSP Page**

To create the first jsp page, write some html code as given below, and save it by .jsp extension. We have save this file as index.jsp. Put it in a folder and paste the folder in the web-apps directory in apache tomcat to run the jsp page.

### **index.jsp**

Let's see the simple example of JSP, here we are using the scriptlet tag to put java code in the JSP page. We will learn scriptlet tag later.

1. <html>
2. <body>
3. <% out.print(25); %>
4. </body>
5. </html>

It will print **10** on the browser.

## **How to run a simple JSP Page ?**

Follow the following steps to execute this JSP page:

- Start the server
- put the jsp file in a folder and deploy on the server
- visit the browser by the url <http://localhost:portno/contextRoot/jspfile> e.g.  
<http://localhost:8888/myapplication/index.jsp>

## **Do I need to follow directory structure to run a simple JSP ?**

No, there is no need of directory structure if you don't have class files or tld files. For example, put jsp files in a folder directly and deploy that folder. It will be running fine. But if you are using bean class, Servlet or tld file then directory structure is required.

## **Directory structure of JSP**

The directory structure of JSP page is same as servlet. We contains the jsp page outside the WEB-INF folder or in any directory.

JavaScript is the most popular programming language in the world.

JavaScript is the language for the web, for HTML, for servers, PCs, laptops, tablets, cell phones, and more.

---

## JAVA SCRIPT

### **JavaScript is a Scripting Language**

A scripting language is a lightweight programming language.

JavaScript code can be inserted into any HTML page, and it can be executed by all types of web browsers. JavaScript is easy to learn.

Below is a taste of what JavaScript can do.

### **Change the Content of HTML Elements**

The HTML DOM (Document Object Model) is the official W3C standard for accessing HTML elements.

It is very common to use JavaScript to manipulate the DOM (to change the content of HTML elements).

**document.getElementById()** is one of the most commonly used HTML DOM methods.

You can also use JavaScript to:

- Delete HTML elements
- Create new HTML elements
- Copy HTML elements

### **JavaScript Where To**

In HTML, JavaScripts must be inserted between `<script>` and `</script>` tags.

JavaScripts can be put in the `<body>` and in the `<head>` section of an HTML page.

## The `<script>` Tag

To insert a JavaScript into an HTML page, use the `<script>` tag.

The `<script>` and `</script>` tells where the JavaScript starts and ends.

The lines between the `<script>` and `</script>` contain the JavaScript code:

### Example

```
<script>

function myFunction()

{
    document.getElementById("demo").innerHTML="My First JavaScript Function";
}

</script>
```

You don't have to understand the code above.

Just take it for a fact, that the browser will interpret the code between the `<script>` and `</script>` tags as JavaScript.

Old examples may have `type="text/javascript"` in the `<script>` tag. This is no longer required. JavaScript is the default scripting language in all modern browsers and in HTML5.

## JavaScript Functions and Events

Most often, JavaScript code is written to be executed when an **event** occurs, like when the user clicks a button.

If we put JavaScript code inside a **function**, we can call that function when an event occurs. You will learn much more about functions and events in later chapters.

### JavaScript in <head> or <body>

You can place an unlimited number of scripts in an HTML document.

Scripts can be in the <body> or in the <head> section of HTML, and/or in both.

It is a common practice to put functions in the <head> section, or at the bottom of the page.

Separating HTML and JavaScript, by putting all the code in one place, is always a good habit.

### JavaScript in <head>

In this example, a JavaScript function is placed in the <head> section of an HTML page.

The function is called when a button is clicked:

Example

```
<!DOCTYPE html>
<html>
<head>
<script>
Function myfunction()
{
Document.getElementById("demo").innerHTML="my first javascript Function",
}
</script>
</head>
<body>
<h1>my web page</h1>
<p id="demo"> A Paragraph </P>
<button type="button" Onclick="myfunction()">Tryit</button>
```

```
</body>  
</html>
```

## JavaScript in <body>

In this example, a JavaScript function is placed in the <body> section of an HTML page.

The function is called when a button is clicked:

### Example

```
<!DOCTYPE html>  
<html>  
<body>  
  <h1>My Web Page</h1>  
  <p id="demo">A Paragraph</p>  
  <button type="button" onclick="myFunction()">Try it</button><script>  
    Function my function()  
  
    {  
      Document get ElementBy ID("demo").innerHTML="MY First Javascriptfunction",}  
    </script>  
  </body>  
</html>
```

## External javascripts

Scripts can also be placed in external files. External files often contain code to be used by several different web pages. External javascript files have the file extension.js to use an external script, put the name of the script file in the name of the script in the source attribute of the <script> tag

Example

```
<!DOCTYPE>  
<html>  
<body>  
  <script src="myscript.js"></script>  
</body>  
<html>
```

# ORACLE

The **Oracle Database** (commonly referred to as **Oracle RDBMS** or simply as **Oracle**) is an object-relational database management system<sup>[2]</sup> produced and marketed by Oracle Corporation. Larry Ellison and his friends, former co-workers Bob Miner and Ed Oates, started the consultancy Software Development Laboratories (SOL) in 1977. SOL developed the original version of the Oracle software. The name *Oracle* comes from the code-name of a CIA-funded project Ellison had worked on while previously employed by Ampex.<sup>[3]</sup>

## Physical and logical structures

An Oracle database system—identified by an alphanumeric system identifier or SID<sup>[4]</sup>—comprises at least one instance of the application, along with data storage. An instance<sup>[5]</sup>—identified persistently by an instantiation number (or activation id: SYS.V\_\$DATABASE.ACTIVATION#)—comprises a set of operating-system processes and memory-structures that interact with the storage. (Typical processes include PMON (the process monitor) and SMON (the system monitor).) Oracle documentation can refer to an active database instance as a "shared memory realm".[5]

Users of Oracle databases refer to the server-side memory-structure as the SGA (System Global Area). The SGA typically holds cache information such as data-buffers, SQL commands, and user information. In addition to storage, the database consists of online redo logs (or logs), which hold transactional history. Processes can in turn archive the online redo logs into archive logs (offline redo logs), which provide the basis (if necessary) for data recovery and for the physical-standby forms of data replication using Oracle Data Guard.

If the Oracle database administrator has implemented Oracle RAC (Real Application Clusters), then multiple instances, usually on different servers, attach to a central storage array. This scenario offers advantages such as better performance, scalability and redundancy. However, support becomes more complex, and many sites do not use RAC. In version 10g, grid computing introduced shared resources where an instance can use (for example) CPU resources from another node (computer) in the grid.

The Oracle DBMS can store and execute stored procedures and functions within itself. PL/SQL (Oracle Corporation's proprietary procedural extension to SQL), or the object-oriented language Java can invoke such code objects and/or provide the programming structures for writing them.

## **Storage**

The Oracle RDBMS stores data logically in the form of tablespaces and physically in the form of data files ("datafiles").<sup>[6]</sup> Tablespaces can contain various types of memory segments, such as Data Segments, Index Segments, etc. Segments in turn comprise one or more extents. Extents comprise groups of contiguous data blocks. Data blocks form the basic units of data storage. A OBA can impose maximum quotas on storage per user within each tablespace.

## **Partitioning**

Newer versions of the database can also include a partitioning feature: this allows the partitioning of tables based on different set of keys. Specific partitions can then be easily added or dropped to help manage large data sets.

## **Monitoring**

Oracle database management tracks its computer data storage with the help of information stored in the SYSTEM tablespace. The SYSTEM tablespace contains the data dictionary—and often (by default) indexes and clusters. A data dictionary consists of a special collection of tables that contains information about all user-objects in the database. Since version 8i, the Oracle RDBMS also supports "locally managed" tablespaces which can store space management information in bitmaps in their own headers rather than in the SYSTEM tablespace (as happens with the default "dictionary managed" tablespaces). Version 10g and later introduced the SYSAUX tablespace which contains some of the tables formerly stored in the SYSTEM tablespace, along with objects for other tools such as OEM which previously required its own tablespace.<sup>[8]</sup>

## Disk files

This section requires expansion. (*September 2009*)

Disk files primarily represent one of the following structures:

- Data and index files: These files provide the physical storage of data, which can consist of the data-dictionary data (associated to the tablespace SYSTEM), user data, or index data. These files can be managed manually or managed by Oracle itself ("Oracle-managed files"). Note that a datafile has to belong to exactly one tablespace, whereas a tablespace can consist of multiple datafiles.
- Redo log files, consisting of all changes to the database, used to recover from an instance failure. Note that often a database will store these files multiple times, for extra security in case of disk failure. The identical redo log files are said to belong to the same group.
- Undo files: These special datafiles, which can only contain undo information, aid in recovery, rollbacks, and read-consistency.
- Archive log files: These files, copies of the redo log files, are usually stored at different locations. They are necessary (for example) when applying changes to a standby database, or when performing recovery after a media failure. It is possible to archive to multiple locations.
- Tempfiles: These special datafiles serve exclusively for temporary storage data (used for example for large sorts or for global temporary tables)
- Control file, necessary for database startup. "A binary file that records the physical structure of a database and contains the names and locations of redo log files, the time stamp of the database creation, the current log sequence number, checkpoint information, and so on."<sup>[9]</sup>

At the physical level, data files comprise one or more data blocks, where the block size can vary between data files.

Data files can occupy pre-allocated space in the file system of a computer server, utilize raw disk directly, or exist within ASM logical volumes.<sup>[10]</sup>

## Database schema

Most Oracle database installations traditionally came with a default schema called SCOTT. After the installation process has set up the sample tables, the user can log into the database with the username scott and the password tiger. The name of the SCOTT schema originated with Bruce Scott, one of the first employees at Oracle (then Software Development Laboratories), who had a cat named Tiger.<sup>[11]</sup>

Oracle Corporation has de-emphasized the use of the SCOTT schema, as it uses few of the features of the more recent releases of Oracle. Most recent examples supplied by Oracle Corporation reference the default HR or OE schemas.

Other default schemas<sup>[12][13]</sup> include:

- SYS (essential core database structures and utilities)
- SYSTEM (additional core database structures and utilities, and privileged account)
- OUTLN (utilized to store metadata for stored outlines for stable query-optimizer execution plans.<sup>[14]</sup>)
- BI, IX, HR, OE, PM, and SH (expanded sample schemas<sup>[15]</sup> containing more data and structures than the older SCOTT schema).

## System Global Area

Main article: System Global Area

Each Oracle instance uses a System Global Area or SGA—a shared-memory area—to store its data and control-information.<sup>[16]</sup>

Each Oracle instance allocates itself an SGA when it starts and de-allocates it at shutdown time. The information in the SGA consists of the following elements, each of which has a fixed size, established at instance startup:

- Datafiles

Every Oracle database has one or more physical datafiles, which contain all the database data. The data of logical database structures, such as tables and indexes, is physically stored in the datafiles allocated for a database.

Datafiles have the following characteristics:

- One or more datafiles form a logical unit of database storage called a tablespace.
- A datafile can be associated with only one tablespace.
- Datafiles can be defined to extend automatically when they are full.

Data in a datafile is read, as needed, during normal database operation and stored in the memory cache of Oracle Database. For example, if a user wants to access some data in a table of a database, and if the requested information is not already in the memory cache for the database, then it is read from the appropriate datafiles and stored in memory. Modified or new data is not necessarily written to a datafile immediately. To reduce the amount of disk access and to increase performance, data is pooled in memory and written to the appropriate datafiles all at once

- the redo log buffer: this stores redo entries—a log of changes made to the database. The instance writes redo log buffers to the redo log as quickly and efficiently as possible. The redo log aids in instance recovery in the event of a system failure.
- the shared pool: this area of the SGA stores shared-memory structures such as shared SQL areas in the library cache and internal information in the data dictionary. An insufficient amount of memory allocated to the shared pool can cause performance degradation.
- the Large pool Optional area that provides large memory allocations for certain large processes, such as Oracle backup and recovery operations, and I/O server processes
- Database buffer cache: Caches blocks of data retrieved from the database
- KEEP buffer pool: A specialized type of database buffer cache that is tuned to retain blocks of data in memory for long periods of time
- RECYCLE buffer pool: A specialized type of database buffer cache that is tuned to recycle or remove block from memory quickly

- nK buffer cache: One of several specialized database buffer caches designed to hold block sizes different than the default database block size
- Java pool: Used for all session-specific Java code and data in the Java Virtual Machine (JVM)
- Streams pool: Used by Oracle Streams to store information required by capture and apply

When you start the instance by using Enterprise Manager or SQL\*Plus, the amount of memory allocated for the SGA is displayed.<sup>[17]</sup>

### **Library cache**

The library cache<sup>[18]</sup> stores shared SQL, caching the parse tree and the execution plan for every unique SQL statement. If multiple applications issue the same SQL statement, each application can access the shared SQL area. This reduces the amount of memory needed and reduces the processing-time used for parsing and execution planning.

### **Data dictionary cache**

The data dictionary comprises a set of tables and views that map the structure of the database. Oracle databases store information here about the logical and physical structure of the database. The data dictionary contains information such as:

- user information, such as user privileges
- integrity constraints defined for tables in the database
- names and datatypes of all columns in database tables
- information on space allocated and used for schema objects

The Oracle instance frequently accesses the data dictionary in order to parse SQL statements. The operation of Oracle depends on ready access to the data dictionary: performance bottlenecks in the data dictionary affect all Oracle users. Because of this, database administrators should make sure that the data dictionary cache<sup>[19]</sup> has sufficient capacity to cache this data. Without enough memory for the data-dictionary cache, users see a severe performance degradation. Allocating sufficient

memory to the shared pool where the data dictionary cache resides precludes these particular performance problem.

## **Program Global Area**

The Program Global Area<sup>[20][21]</sup> or PGA memory-area of an Oracle instance contains data and control-information for Oracle's server-processes.

The size and content of the PGA depends on the Oracle-server options installed. This area consists of the following components:

- stack-space: the memory that holds the session's variables, arrays, and so on
- session-information: unless using the multithreaded server, the instance stores its session-information in the PGA. (In a multithreaded server, the session-information goes in the SGA.)
- private SQL-area: an area which holds information such as bind-variables and runtime-buffers
- sorting area: an area in the PGA which holds information on sorts, hash-joins, etc.

DBAs can monitor PGA usage via the V\$SESSTAT system view.

## **Dynamic performance views**

The dynamic performance views (also known as "fixed views") within an Oracle database present information from virtual tables (XS tables)<sup>[22]</sup> built on the basis of database memory.<sup>[23]</sup> Database users can access the VS views (named after the prefix of their synonyms) to obtain information on database structures and performance.

## **Process architectures**

### **Oracle processes**

The Oracle RDBMS typically relies on a group of processes running simultaneously in the background and interacting to monitor and expedite database operations. Typical operating environments might

include some of the following individual processes (shown along with their abbreviated nomenclature):[24]

- advanced queueing processes (Qnnn)[<sup>o</sup>]
- archiver processes (ARCn)
- checkpoint process (CKPT) \*REQUIRED\*
- coordinator-of-job-queues process (CJQn): dynamically spawns slave processes for job-queues
- database writer processes (DBWn) \*REQUIRED\*
- dispatcher processes (Dnnn): multiplex server-processes on behalf of users
- main Data Guard Broker monitor process (DMON)<sup>[26]</sup>
- job-queue slave processes (Jnnn)<sup>[27]</sup>
- log-writer process (LGWR) \*REQUIRED\*
- log-write network-server (LNSn): transmits redo logs in Data Guard environments
- logical standby coordinator process (LSP0): controls Data Guard log-application
- media-recovery process (MRP): detached recovery-server process
- memory-manager process (MMAN): used for internal database tasks such as Automatic Shared Memory Management
- memory-monitor process (MMON): process for automatic problem-detection, self-tuning and statistics-gathering<sup>[?8]</sup>
- memory-monitor light process (MMNL): gathers and stores Automatic Workload Repository (AWR) data
- mmon slaves (Mnnnn—M0000, M0001, etc.): background slaves of the MMON process<sup>[29]</sup>
- process-monitor process (PMON) \*REQUIRED\*
- process-spawner (PSP0): spawns Oracle processes
- queue-monitor coordinator process (QMNC): dynamically spawns queue monitor slaves<sup>[30]</sup>
- queue-monitor processes (QMNN)
- recoverer process (RECO)

- remote file-server process (RFS)
- shared server processes (Snnn): serve client-requests
- system monitor process (SMON) \*REQUIRED\*

### **User processes, connections and sessions**

Oracle Database terminology distinguishes different computer-science terms in describing how end-users interact with the database:

- user processes involve the invocation of application software<sup>[31]</sup>
- a connection refers to the pathway linking a user process to an Oracle instance<sup>[32]</sup>
- sessions consist of specific connections to an Oracle instance<sup>[33]</sup> Each session within an instance has a session identifier or "SID"<sup>[34]</sup> (distinct from the system identifier SID).

The database world is becoming increasingly integrated, and this has led to a clamor for a standard language that can be used to operate in many different kinds of computer environments. In our increasingly interconnected computer world, a user equipped with such a language has tremendous power to utilize and integrate information from a variety of sources in a great number of ways.

<b>DDL</b>	<b>Data Definition Language.</b>
<b>SQL</b>	<b>Structure Query Language</b>
<b>DML</b>	<b>Data Manipulation Language</b>
<b>DCL</b>	<b>Data Control Language</b>

Client Server application development requires broadly dividing the application into two categories:

•

- » Server Coding
- e Client Coding

It has emerged as the standard for query language for relational DBMSs. Its original version was called SEQUEL. It is still pronounced as SEQUEL. SQL is both the data definition and

data manipulation language of a number of relational database systems e.g. SQL Server, Ingres, Sybase, Informix etc.

In any **DBMS i.e. the DATABASE MANAGEMENT SYSTEM**, a group of similar information of data which is of interest to an organization is called an Entity.

Entity Information is stored in an object called Table.

**Attributes:** Each entity can have a number of characteristics. The characteristics of an entity are called as Attributes.

The values for these characteristics are called Attribute values. There are following Data Types that are used in the RDBMS SQL Server: •

**CHAR (size)** This Data type is used to store character strings values of fixed length. The size in bracket determines the number of characters the cell can hold. The maximum is 255. SQL Server compares CHAR values using blank-padded comparison semantics i.e. if a value that is defined for then it will be padded with spaces on the right until it reaches the size characters in length.

VARCHAR(size) / VARCHAR2 (size)	This data type is used to store variable length alphanumeric data. The maximum this can hold is 2000 characters. SQL Server compares VARCHAR using non-padded comparison semantics i.e. the inserted values will not be padded with spaces.
NUMBER (P,S)	The number data type is used to store numbers (fixed or floating point). Numbers of virtually any magnitude may be stored up to 38 digits of precision. The Precision(P), determines the maximum length of the data, whereas the scale, (S) determines the number of places to the right of the decimal. If the scale is omitted then the default is zero. If precision is omitted, values are stored with their original precision upto the maximum of 38 digits.
DATE	This format is used to represent date and time. The standard format is DD-MM-YY as in 21-JUN-98. To enter dates other than the standard format, use the appropriate functions. DateTime stores date in the 24-hour format. By default, the time in a date field is 12:00:00 am, if no time portion is specified. The default date for a date field is the first day of the current month.
LONG	This is used to store variable length character strings containing upto 2GB.
RAW / LONG RAW	This is used to store binary data. Data loaded into columns of these types are stored without any further conversion. RAW can have 255

bytes. LONG RAW data type can contain up to 2GB. Values stored in columns having LONG TRAW cannot be indexed

Common Rules to be followed in SQL Statements:

- ~ An SQL Statement starts with a verb. This verb may have additional nouns and adjectives.

\*Each verb is followed by a number of clauses.

\*Each clause has one or more parameters. Beyond this no further decomposition is allowed i.e. parameters cannot in turn have sub-parameters.

\* A space separates clauses within an SQL statement.

.\*A coma separates parameters within a clause.

\* A semicolon is used to terminate the SQL statement.

Now comes the explanation of the Step-by-Step procedure in SQL Server:

To create a new table in SQL Server the command CREATE TABLE is used: Syntax:

**CREATE TABLE tablename (columnname datatype(size), columnname datatype  
(size));**

The second task is the insertion of data into the table so formed/ created: =

When inserting a single row of data into the table the **INSERT** operation creates a new row in the database table Loads the values passed into all the columns specified.

**INSERT INTO tablename (Columnname1, Columnname2) VALUES ('text value in Col.1:-0+value in Col.2);**

The one thing to note is that the character expressions must be enclosed in single quotes ( ).If there are exactly the same number of values as there are columns and the values are given in accordance with the way the columns were created. There is no need to indicate the column names in the sentence.

If there are less values being described than columns in the table then it is mandatory to indicate both the table column name and its corresponding value in the insert into sentence.

### To VIEW DATA IN THE TABLES

Once data is inserted, the next operation is to view what has been entered  
For viewing all rows and all columns

**SELECT (Columnname1    column name n) FROM tablename;**

\* Here Columnname1    column name n represents the table columns.

SQL Server allows the user to use the meta character asterisk(\*), which is expanded by SQL Server to mean all columns in the table.

## Filtering Table data

While viewing the data from a table it is rare that all the data from the table will be required each time. Hence SQL gives a method of filtering data that is not required. Mainly, for viewing the data in the table in SQL Server, only the following three type of queries can be possible:-

- \* Selected columns and all rows
- \* Selected rows and all columns
- \* Selected columns and selected rows

- a) Selected columns and all rows: Syntax:

**SELECT columnname, columnname FROM tablename**

- b) Selected rows and All columns

If the information of a particular client must be retrieved from the table, its retrieval must be based on a specific condition.

SYNTAX:

**SELECT ~~T~~ FROM tablename WHERE search condition;**

- c) Selected columns and selected rows

To view a specific data set from the table and also a select number of columns

Syntax

**SELECT columnname, columnname FROM tablename WHERE search condition;**

And one thing is also important to mention here, since the duplication in such Entrance Examinations is very common sort of thing. Elimination of duplicates from the select statement in SQL Server can be done. This can be regarded as one of its advantages.

Syntax:

**SELECT DISTINCT columnname, columnname FROM tablename;**

Or

**SELECT DISTINCT ~~T~~ FROM tablename;**

The **Sorting** according to a particular column can be done.

## **SYNTAX**

**SELECT T FROM tablename ORDERBY columnname , columnname [sort order];**

We can also create a table from an existing table or we can use an existing table's columns.

Syntax:

**CREATE TABLE tablename [(columnname, columnname)] AS SELECT columnname,  
columnname FROM tablename;**

The source table is the table identified in the SELECT section. The target table is in the CREATE. This will populate the target table with data from Source.

## **Inserting data into a table from another table**

Syntax:-

**INSERT INTO Tablename SELECT columnname, columnname FROM tablename;**

Insertion of data set into a table from Another table: Syntax:-

**Insert into tablename select columnname, columnname from tablename where column =  
expression;**

In any database management, the operation of deletion of records/ data is very significant.

- a) For Removal of all rows

Syntax:

**DELETE FROM tablename;**

b) Removal of specified row(s) Syntax:

**DELETE FROM tablename WHERE search condition**

The contents of a table can be updated at any point of time. For updating the contents of a table the commands are as .•

- For **UPDATING** all rows

Syntax:

**UPDATE tablename SET columnname = expression, columnname = expression;**

- For Updating records conditionally

:

**UPDATE tablename SET columnname = expression, columnname = expression .... WHERE  
columnname = expression;**

Syntax

**MODIFYING THE STRUCTURE OF TABLES**

- a) Adding New Columns

Syntax:

**ALTER TABLE tablename ADD (newcolumnname datatype (size), newcolumnname datatype  
(size))**

- b) Modifying existing columns

Syntax:

**ALTER TABLE tablename MODIFY (columnname newdatatype (newsize));**

There are also some restrictions on the ALTER TABLE command

1. Using the ALTER TABLE we cannot change the name of the table;
2. Change the name of the column;
3. Drop a column, and
4. Decrease the size of a column if table data exists.

## **RENAMENING TABLES**

Syntax:

**RENAME oldtable TO newtablename;**

## **DESTROYING TABLES**

Syntax:

**DROP TABLE tablename; FINDING OUT ALL**

**THE TABLES** Syntax:

**SELECT \* FROM TAB;**

Finding out the column details of a table created:

**DESCRIBE tablename;**

Or

**DESC tablename;**

# **Crystal Reports**

This gives an overview of the system. Further, Crystal Reports are also used, as these are a powerful and easy to use tool for creating custom reports, lists and form letters using data from our existing databases. The program works by establishing connections with one or more of our databases. Using these connections as conduits, Crystal Reports draws in the values from database field we select and uses them in report, either in their original form or as part of a formula that generates values that are more sophisticated. Crystal reports was design to work with all kinds of data: numbers, currency, text, dates, and Boolean (Yes/No) fields. It has a wide range of built in tool that can use to manipulate that data to fit our needs.

## **Creating a Report**

Crystal Reports is fast and very easy to learn. It requires very little time before you will be designing interesting and informative reports for your needs. The following is a list of topics covering step by step instructions for creating any report in Crystal Reports.

Custom Report command (File|New)

Use Custom Report to create a new report from scratch. When you choose the Custom Report command while using another report, Crystal Reports creates a new report window and opens the new report in that window. The report you were working on remains unchanged in its own window.

## **The Design Window**

Once you select your database, Crystal Reports displays the Design Window. You use this window to insert and format data and to watch your report take shape.

When you open a new report, Crystal Reports automatically creates five sections in the Design Window:

- **Title section:** This section is generally used for the report title, and other information you want to appear at the top of the first page of your report.
- **Page header section:** This section is generally used for field headings, range of values included, and other information that you want to appear at the top of each page.
- **Details section:** This section is the body of the report. The bulk of your report data will generally appear in this section.
- **Page footer section:** This section usually contains the page number and any other information that you want to appear on the bottom of each page.
- **Summary section:** This section is generally used for including a written summary printed only on the last page of your report.

Each section is separated by a section marker which displays the section name.

You build your report by inserting data fields, formulas, and other report elements (record counts, record numbers, etc.) in the Details section of the Designer. You use the

Insert menu, in most cases, to select or create the elements you want to insert on the report. The Design Window uses rectangular field boxes to indicate the size, position, and data type of the fields and formulas you have inserted.

You add subtotals (and other group values) by selecting a field to summarize and then telling Crystal Reports the conditions that are to generate a new summary(change of customer number, change of sales rep, etc.). Crystal Reports creates group sections as needed and places the group value in the section. Again, Crystal Reports uses rectangular field boxes to represent the group values.

You insert grand totals in the Grand Total section. This section appears when you select the field to total and then select Insert|Grand Total or when you opt to place a summary field in the Grand Total section. In both cases, Crystal Reports uses a rectangular field box, this time to identify the field in the Grand Total section of the Design Window.

You can add freeform text anywhere on the report by positioning the insertion point in the section in which you want the text to appear, typing in the text, and then using the Tab key to move it into position. You can also type freeform text as a text field using the Insert|Text Field command; this allows you to avail yourself of additional formatting options (alignment, hide options, etc.).

## Custom Grouping And Sorting

Most of the time you sort and group your data based on the values in some field in your report. For example, if you have a customer list and you want to sort and group it by state, the program first sorts the list by state and then breaks the list into state groups whenever the value in the State field changes. Sometimes, however, you may not want to group based on the values found in one of the fields on your report.

Your report may not contain the field you want to group on. For example, your report contains a City field and a State field but no County field but you want to group by county.

Your report may contain the field you want to group on, but you're not happy with the grouping based on the values in that field. For example, you have a Color field on your report that includes specific color names (Logan Green, Sky Blue, Emerald Green, Navy Blue, etc.) but you want all "flavors" of each color to appear as a single group (Greens, Blues, Reds, etc.). In this case you can build custom groups and manually assign the records you want to be in each group.

Your report may contain the field you want to group on, but you want to select specific values or ranges of values for each group. For example, you might want one group to contain records where gross sales are less than a certain value, a second group where gross sales are greater than a certain value, and a final group where gross sales fall between two values. In this case, you can build your groups using the same range selection facilities that are available to you for building record selection queries.

Crystal Reports provides Specified Order sorting as a solution to these custom sorting and grouping challenges. Specified sorting enables you to create the groups you want to appear on your report and the records that each group contains. Your only real limitation is that a record can be assigned to only one group.

## Printing your report

When you want to print your report, see what your report will look like when printed, or export the report to a disk file, you can use one of Crystal Reports' several printing options.

File|Print Preview (to review your work and fine tune your report using real data)

File|Print|Preview Sample(to review a draft of your report using a subset of data)

File|Print|Printer(for hard copy output)

File|Print|Export(for exporting to disk and changing the output format if necessary)

File|Print|Crystal Reports Server(for connecting to the Crystal Reports Server)

When you are creating a report, you will find yourself printing to the Preview Window often, in order to check placement and formatting of the various report elements. You

can print a draft report using only a subset of the data you'll use in your final report, and you can even fine tune your report in the Preview Window using real data. Then, when you want to print a final or interim copy of the report for hands on review, you can print to the printer for hard copy output.

If you want to use your report data in another application (in a spreadsheet or word processor for example), you can export the report to a disk file in any of a variety of popular file formats. Once in a disk file, you can import the data into your other application following the importing procedures established by the receiving application. You can also export your report by Email using another output format if you wish.

## Report Templates

Instead of starting from scratch when building a report, you might find it easier to begin with a template from a similar report that you created earlier.

A template is a copy of a report. It contains all of the data, links, formulas, and pictures that your original has, but it isn't tied to your original report in any way. It's a separate entity. When you modify a template, your original report remains unchanged.

Templates boost your efficiency. Use them whenever you think they can save you time

## **WINDOWS 7**

### **Multitasking**

Windows 7 is a multitasking, multithreaded operating system i.e. more than one thread a task can be executed at a given interface. Thread is smallest unit of execution. It is the portion of the process of the OS to handle tasks of different applications at the same time.

### **Message Driven Architecture**

Windows use a message driven model to control applications. Messages are generated for every event in the system. Windows application can also create and send messages to request the OS to perform a particular task. The message driven architecture is asynchronous i.e. message queues are processed independently. 32-Bit Windows based applications have a message queue for every task of the application.

### **Scheduling technique**

There are two scheduler functions, the primary and the secondary scheduler. The primary scheduler looks at all threads executing and gets their priorities. The secondary scheduler boosts the priorities of the non-executing threads. This allows threads with the low priority to get a chance to execute.

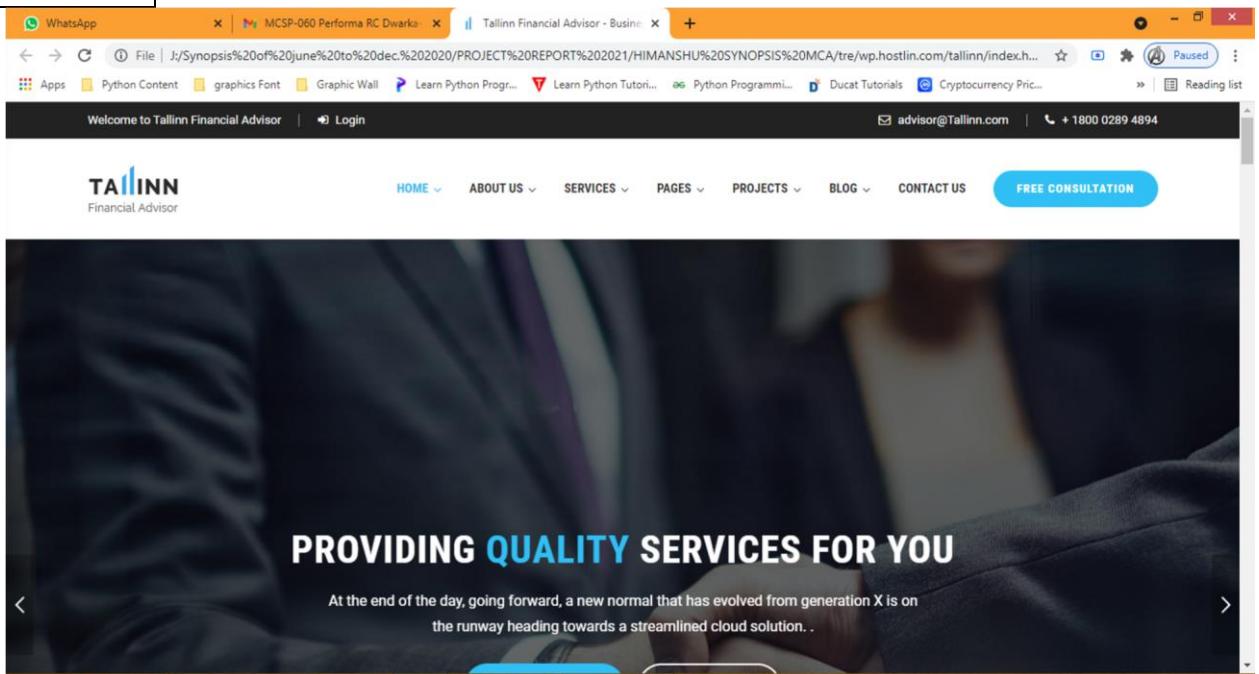
## Plug and Play Hardware Compatibility

Plug and Play is a concept as well as a design specification. The goal of plug and play is to enable changes to the configuration of a PC without requiring any intervention from the user. With a complete plug and play compatible system, the user should be able to change the configuration of the computer without having to restart the computer.

# Input / Output Screen

## HOME.JSP

RAJAN TECH-



```
<!--
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
-->
<!DOCTYPE html>
<html>
<!-- Head -->
<head>
    <title>Stylewell an Interior Category Flat Bootstrap Responsive Website Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
            <meta name="keywords" content="Stylewell a Responsive Web Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia, Iphone, Samsung, LG, Sony Ericsson, Motorola Web Browser Support for Stylewell Template" />

```

```

Samsung, LG, Sony Ericsson, Motorola Web Design">
    <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>  <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css">           <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">           <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function(){
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider){
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->

</head>
<!-- //Head -->
<!-- Body -->
<body>
    <!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
        <div class="top-bar">
            <div class="container">
                <div class="header-nav">
                    <nav class="navbar navbar-default">          <!-- Brand and toggle get grouped for
better mobile display -->
                        <div class="navbar-header">
                            <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-
example-navbar-collapse-1">
                                <span class="sr-
only">Toggle navigation</span>
                                <span class="icon-
bar"></span>
                                <span class="icon-
bar"></span>

```

```

></span>

```

```

<button>

```

```

<h1><a class="navbar-brand"

```

```

 href="index.html">RTSMS</a></h1>

```

```

</div>
<!-- Collect the <u>nav links, forms, and other
content for toggling -->

```

```

<div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">

```

```

<ul class="nav navbar-nav ">

```

```

<li><a class=" active"

```

```

 href="index.jsp">Home</a></li>

```

```

<li><a

```

```

 href="contact.jsp">Contact</a></li>

```

```

<li><a

```

```

 href="loginpage.jsp">LOGIN</a></li>

```

```

</ul>

```

```

<div class="search-box">

```

```

<div id="sb-search"

```

```

 class="sb-search">

```

```

 <form>

```

```

 <input

```

```

 class="sb-search-input" placeholder="Enter your search term..." type="search"

```

```

 name="search" id="search">

```

```

 <input

```

```

 class="sb-search-submit" type="submit" value="">

```

```

 <span class="sb-
 icon-search"> </span>

```

```

 </form>

```

```

 </div>

```

```

 </div><!-- /navbar-collapse -->

```

```

 <!-- search-scripts -->

```

```

 <script

```

```

 src="js/classie.js"></script>

```

```

 <script

```

```

 src="js/uisearch.js"></script>

```

```

 <script>      new UISearch( document.getElementById( 'sb-search' )

```

```

 );

```

```

 </script>

```

```

 <!-- //search-scripts -->

```

```

 </div>

```

```

 </div>

```

```

 <!-- //Top-Bar -->

```

```

 </div>

```

```

 <!-- //Header -->

```

```

<!-- banner -->
<div class="w3l-banner">
    /footer -->
</body>
<!-- //Body -->
</html>

```

## CONTACT.JSP

```

<!--
    Author: W3layouts
    Author URL: http://w3layouts.com
    License: Creative Commons Attribution 3.0 Unported
    License URL: http://creativecommons.org/licenses/by/3.0/
-->
<!DOCTYPE html>
<html>
<!-- Head -->
<head>
    <title>Stylewell an Interior Category Flat Bootstrap Responsive Website Template | Contact :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
        <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
        <meta name="keywords" content="Stylewell a Responsive Web Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia, Samsung, LG, Sony Ericsson, Motorola Web Design">
        <script type="application/x-javascript"> addEventListener("load", function() { setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); } </script>    <!-- //Meta-Tags -->
        <!-- Custom-Theme-Files -->
    <link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">

```

```

<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css"> <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css"> <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
</head>
<!-- //Head -->
<!-- Body -->
<body>
    <!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
        <div class="top-bar">
            <div class="container">
                <div class="header-nav">
                    <nav class="navbar navbar-default"> <!-- Brand and toggle get grouped for
better mobile display -->
                        <div class="navbar-header">
                            <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-
collapse-1">
                                <span class="sr-only">Toggle
navigation</span>
                            <span class="iconbar"></span>
                            <span class="iconbar"></span>
                            <span class="iconbar"></span>
                        </button>
                        <h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
                        </div>
                    <!-- Collect the nav links, forms, and other
content for toggling -->
                    <div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
                        <ul class="nav navbar-nav ">
                            <li><a
href="index.jsp">Home</a></li>
                            <li><a
href="contact.jsp">contact</a></li>
                            <li><a
href="loginpage.jsp">login</a></li>
                        </ul>
                        <div class="search-box">
                            <div id="sb-search"
class="sb-search">
                                <form>
                                    <input

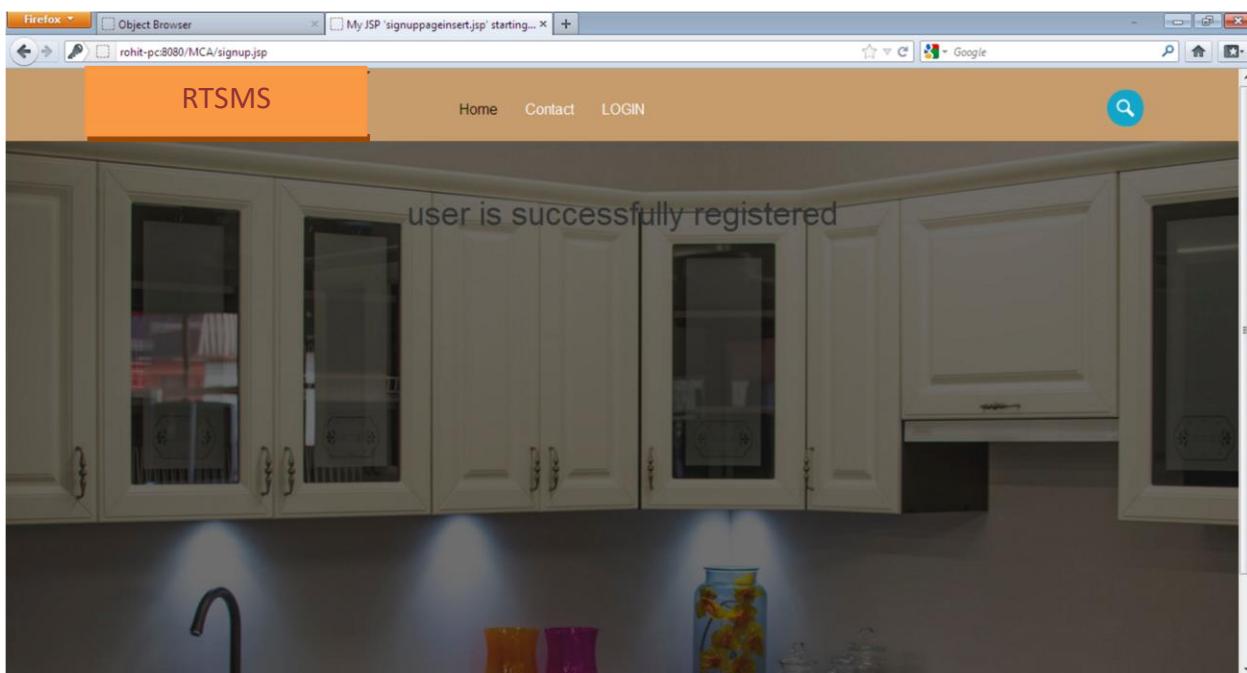
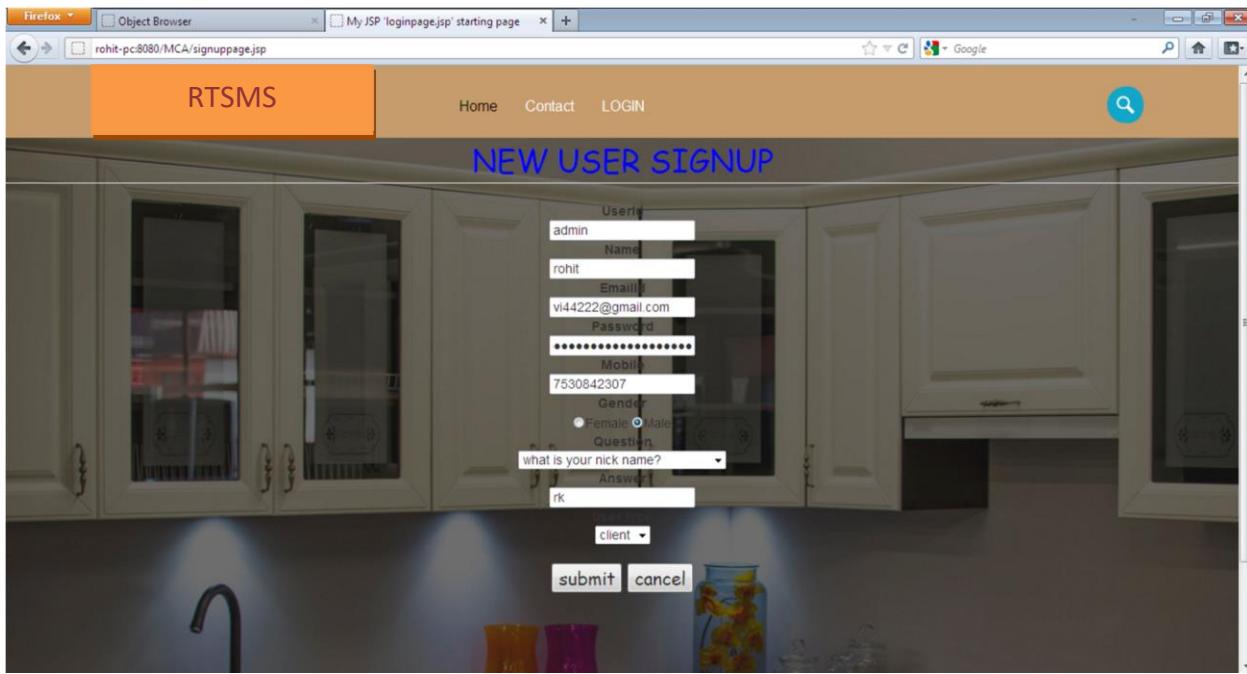
```

```

class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">> <input
class="sb-search-submit" type="submit" value="">
</span>
</form>
</div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>
    new UISearch(
document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->
<!-- banner -->
<div class="w3l-banner1">
</body>
</html>

```

## SIGNUPPAGE.JSP



```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath =
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort ()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
```

```

<head>
    <base href="<%basePath%>">

    <title>My JSP 'loginpage.jsp' starting page</title>

    <meta http-equiv="pragma" content="no-cache">
    <meta http-equiv="cache-control" content="no-cache">
    <meta http-equiv="expires" content="0">
    <meta http-equiv="keywords" content="keyword1, keyword2, keyword3">
    <meta http-equiv="description" content="This is my page">
    <!--
    <link rel="stylesheet" type="text/css" href="styles.css">
    -->
        <title>Stylewell an Interior Category Flat Bootstrap Responsive
Website Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
        <meta http-equiv="Content-Type" content="text/html; charset=utf8">
        <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
        <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
    <link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
        <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
        <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
        <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
        type="text/css">            <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
        type="text/css">            <!-- //Web-Fonts -->
        <!-- Default-JavaScript-File -->
        <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
        <script type="text/javascript" src="js/bootstrap.min.js"></script>
        <!--FlexSlider-->
    <link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
        <script defer src="js/jquery.flexslider.js"></script>
        <script type="text/javascript">
            $(window).load(function(){
                $('.flexslider').flexslider({
                    animation:
                    "slide",
                    start: function(slider){
                        $('body').removeClass('loading');
                    }
                });
            });
        </script>

    </head>

```

</center>

```

<form id="registerfrm" action="signup.jsp" method="post">
<center>
<!-- Header -->
<div class="header">
    <!-- Top-Bar -->
    <div class="top-bar">
        <div class="container">
            <div class="header-nav">
                <nav class="navbar navbar-default">           <!-- Brand and toggle get grouped for
better mobile display -->
                    <!-- Brand and toggle get grouped for
content for toggling -->
                    <div class="navbar-header">
                        <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsand other
example-navbar-collapse-1">
                            <span class="sr-
only">Toggle navigation</span>
                            <span class="icon-
bar"></span>
                            <span class="icon-
bar"></span>
                            <span class="icon-
bar"></span>
                        </button>
                    <h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
                    </div>
                    <!-- Collect the nav links, forms,
                    <div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
                        <ul class="nav navbar-nav ">
                            <li><a class=" active"
href="index.jsp">Home</a></li>
                            <li><a
href="contact.jsp">Contact</a></li>
                            <li><a
href="loginpage.jsp">LOGIN</a></li>
                        </ul>
                    <div class="search-box">
                        <div id="sb-search"
class="sb-search">
                            <form>
                                <input
class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">
                                <input
class="sb-search-submit" type="submit" value="">
                        </form>
                    </div>
                </div>
            </div>
        </div>
    </div>
</div>

```

```

        <span class="sb-
icon-search"> </span>
</form>
</div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>
    new UISearch(
document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->
<!-- banner -->
<div class="w3l-banner">

<legend>
<p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">NEW USER SIGNUP</hr></p>

</legend>

<label for="usid">UserId</label><br/>
<input type="text" name="userid" id="usid" required/><br/>
<label for="rname">Name</label><br/>
<input type="text" name="name" id="rname" required/><br/>      <label
for="emailid">EmailId</label><br/>
<input type="text" name="email" id="emailid" required/><br/>
<label for="pass">Password</label><br/>
<input type="password" name="pwd" id="pass" required/><br/>
<label for="mobile">Mobile</label><br/>
<input type="text" name="mobile" id="mobile" maxlength="10" minlength="10"
required/><br/>
<label for="gender">Gender</label><br/>
<input type="radio" name="gender" value=female checked/>Female
<input type="radio" name="gender" value=maale checked/>Male
<br/>
<label for="question">Question</label><br/>
<select name="question">
<option value="what is your nick name?">what is your nick name?</option>      <option
value="what is your grandfather name?">what is your grandfather name?</option>

</select><br/>
<label for="answer">Answer</label><br/>
<input type="text" name="answer" id="ans" required/><br/>

```

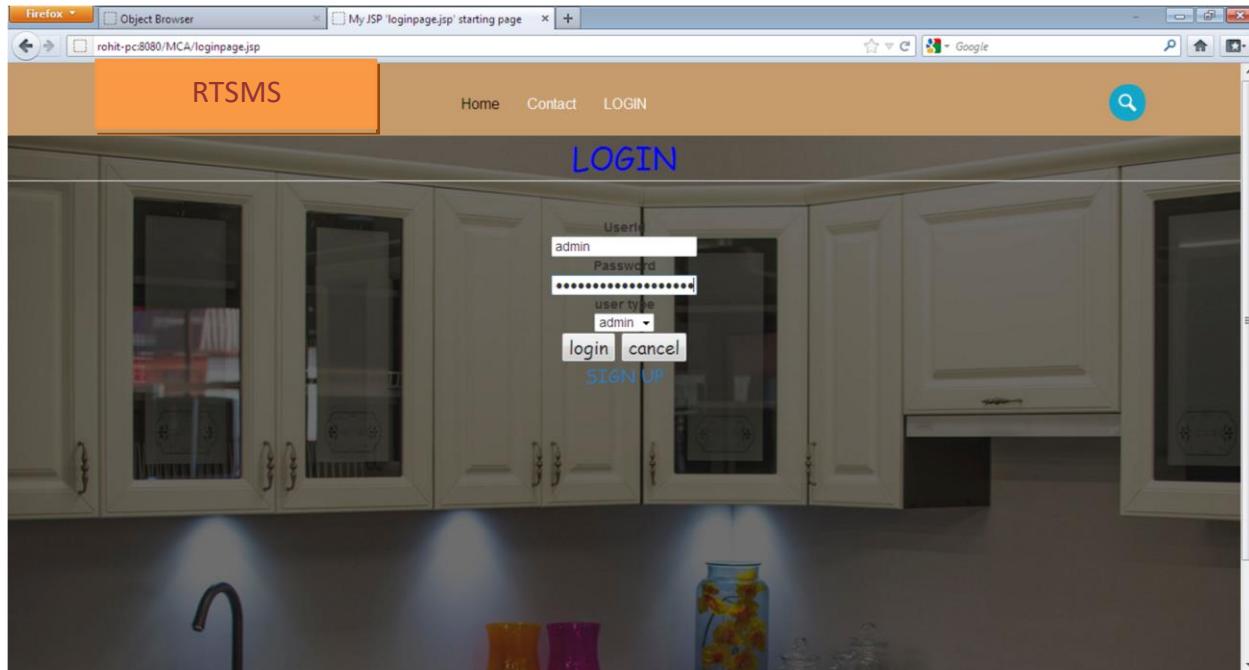
```

<label for="type">user type</label><br/>
<select name="logintype">
<option value="client">client</option>

</select>
<br/><br/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit" id="btn" value="submit"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset" id="rst" value="cancel"/>
</center>
</form>
</html>

```

## LOGINPAGE.JSP



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%@page isELIgnored="false" %>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>

```

```

<base href="<%basePath%>">

<title>My JSP 'loginpage.jsp' starting page</title>

<meta http-equiv="pragma" content="no-cache">
<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1, keyword2, keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
-->

</head>
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website Template | Home :: W3layouts</title>
<!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf8">
<meta name="keywords" content="Stylewell a Responsive Web Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia, Samsung, LG, Sony Ericsson, Motorola Web Design">
<script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script> <!-- //Meta-Tags -->
<!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css" > <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css" > <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
<script defer src="js/jquery.flexslider.js"></script>
<script type="text/javascript">
$(window).load(function(){
    $('.flexslider').flexslider({
        animation: "slide",
        start:
function(slider){
    $('body').removeClass('loading');
}
});
});
</script>

```

```

<form id="loginform" name="loginform" action="loginverify.jsp" method="post">
<center>
<!-- Header -->
<div class="header">
    <!-- Top-Bar -->
        <div class="top-bar">
            <div class="container">
                <div class="header-nav">
                    <nav class="navbar navbar-default">           <!-- Brand and toggle get grouped for
better mobile display -->
                        <div class="navbar-header">
                            <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
                                <span class="sr-only">Toggle
navigation</span>
                            <span class="iconbar"></span>
                            <span class="iconbar"></span>
                            <span class="iconbar"></span>
                        </button>
                        <h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
                    </div>
                    <!-- Collect the nav links, forms, and other
content for toggling -->
                    <div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
                        <ul class="nav navbar-nav ">
                            <li><a class=" active"
href="index.jsp">Home</a></li>

```

```

                            <li><a
href="contact.jsp">Contact</a></li>
                            <li><a
href="loginpage.jsp">LOGIN</a></li>
                        </ul>
                        <div class="search-box">
                            <div id="sb-search"
class="sb-search">
                                <form>
                                    <input
class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">
                                    <input
class="sb-search-submit" type="submit" value="">
                                    <span class="sb-
icon-search"> </span>
                            </form>
                        </div>
                    </div>
                </div><!-- /navbar-collapse -->

```

```

        <!-- search-scripts -->
        <script
src="js/classie.js"></script>
        <script
src="js/uisearch.js"></script>
            <script>
                new UISearch(
document.getElementById( 'sb-search' ) );
            </script>
        <!-- //search-scripts -->
    </nav>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->
<!-- banner -->
<div class="w3l-banner">

<legend>
<p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">LOGIN</p>
</legend>

<span style="color: red;">${param.error }</span>
<span style="color: green;">${param.success }</span>
<br/>
<label for="userid">UserId</label><br/><input type="text" name="username" required><br/>
<label for="password">Password</label><br/><input type="password" name="password" required><br/>
<label for="type">user type</label><br/>
<select name="logintype" required>
<option value="admin">admin</option>
<option value="client">client</option>
</select>
<br/>
<input style="font-family: Comic Sans MS; font-size:20px" type="submit" id="loginbtn" value="login"/>
<input style="font-family: Comic Sans MS; font-size:20px" type="reset" id="loginreset" value="cancel"/><br/>

</form>
<a style="font-family: Comic Sans MS; font-size:20px" href="signuppage.jsp" id="registerlink">SIGN UP</a>
</center>

</html>

```

## LOGINSUCCESSADMIN.JSP

```

<!--
Author: W3layouts
Author URL: http://w3layouts.com
License: Creative Commons Attribution 3.0 Unported
License URL: http://creativecommons.org/licenses/by/3.0/
-->
<!DOCTYPE html>
<html>
<!-- Head -->
<head>
    <title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
        <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
            <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
            <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
        <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css">        <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">        <!-- //Web-Fonts -->

    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>    <!--
FlexSlider-->
            <link rel="stylesheet" href="css/flexslider.css" type="text/css"
media="screen" />
            <script defer src="js/jquery.flexslider.js"></script>
            <script type="text/javascript">
                $(window).load(function() {
                    $('.flexslider').flexslider({ animation:
"slide", start: function(slider) {
                        $('body').removeClass('loading');
                    }
                });
            });
        </script>
<!--End-slider-script-->

</head>

```

```

<!-- //Head -->
<!-- Body -->
<body>

    <!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
                        <nav class="navbar navbar-default">          <!-- Brand and toggle get grouped for
better mobile display -->
                            <div class="navbar-header">
                                <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bscollapse nav-wil"
id="bs-example-navbar-collapse-1">
example-navbar-collapse-1">
                                <span class="sr-
only">Toggle navigation</span>
                                <span class="icon-
bar"></span>
                                <span class="icon-
bar"></span>
                                <span class="icon-
bar"></span>
                            </button>
                            <h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
                        </div>
                    <!-- Collect the nav links, forms,
and other content for toggling -->
                    <div class="collapse navbar-
                    <ul class="nav navbar-nav ">
                        <li><a class=" active"
href="loginsuccessadmin.jsp">Home</a></li>
                        <li class="dropdown">
                            <a href="#" class="dropdown-
toggle" data-toggle="dropdown" ariaexpanded="false">Attendance<b
class="caret"></b></a>
                            <ul class="dropdown-
menu agile_short_dropdown">
                                <li><a
href="atthtml.jsp">Record</a></li>
                                <li><a
href="attupdatehtml.jsp">Update</a></li>
                                <li><a
href="attviewhtml.jsp">Check</a></li>
                                <li><a
href="attdeletehtml.jsp">Delete</a></li>
                            </ul>
                        </li>
                    </ul>
                </div>
            </div>
        </div>
    </div>

```

```

                <li class="dropdown">
                    <a href="#">
class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
                <ul class="dropdown-
menu agile_short_dropdown">
                    <li><a
                        href="Tech-Support html.jsp">Record</a></li>
                    <li><a
                        href="Tech-Support updatehtml.jsp">Update</a></li>
                    <li><a
                        href="Tech-Support viewhtml.jsp">Check</a></li>
                    <li><a
                        href="Tech-Support deletehtml.jsp">Delete</a></li>
                </ul>
            </li>
            <li class="dropdown">
                <a href="#">
class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Staff<b
class="caret"></b></a>
                <ul class="dropdown-
menu agile_short_dropdown">
                    <li><a
                        href="staffhtml.jsp">Record</a></li>
                    <li><a
                        href="staffupdatehtml.jsp">Update</a></li>
                    <li><a
                        href="staffviewhtml.jsp">Check</a></li>
                    <li><a
                        href="staffdeletehtml.jsp">Delete</a></li>
                </ul>
            </li>
            <li class="dropdown">
                <a href="#">
class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Salary<b
class="caret"></b></a>
                <ul class="dropdown-
menu agile_short_dropdown">
                    <li><a
                        href="stsalhtml.jsp">Record</a></li>
                    <li><a
                        href="stsalupdatehtml.jsp">Update</a></li>
                    <li><a
                        href="stsalviewhtml.jsp">Check</a></li>
                    <li><a
                        href="stsaldeletehtml.jsp">Delete</a></li>
                </ul>
            </li>
            <li class="dropdown">
                <a href="#">

```

```

class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Expenses
class="caret">></b></a>
agile_short_dropdown">
Record</li>
Update</li>
Check</li>
Delete</li>
</ul>
</li>
<li class="dropdown">
<a href="#">
class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Clients
class="caret">></b></a>
agile_short_dropdown">
Record</li>
Update</li>
Check</li>
Delete</li>
</ul>
</li>
<li>
Logout</li>
</ul>
<div class="search-box">
<div id="sb-search" class="sb-search">
<form>
<input type="text" class="sb-search-input" placeholder="Enter your search term..." name="search" id="search">
<input type="submit" class="sb-search-submit" value="" />
<span class="sb-icon-search"> </span>
</form>
</div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>
    new UISearch( document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>

```

```

                </div>
            </div>
        </div>
        <!-- //Top-Bar -->
    </div>
<!-- //Header -->

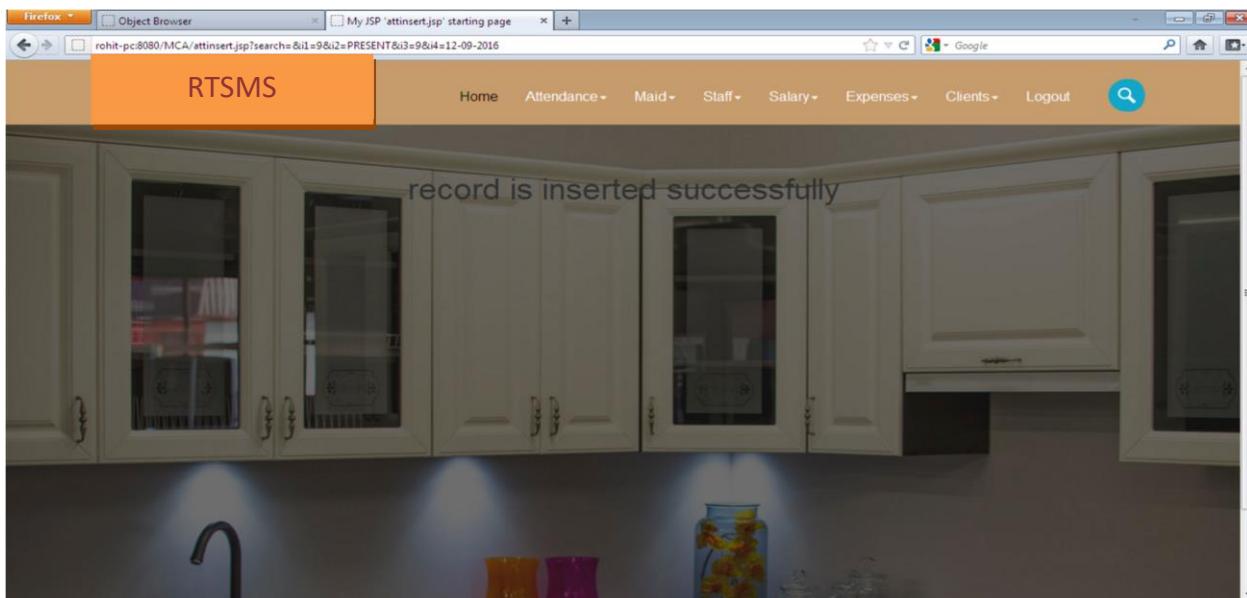
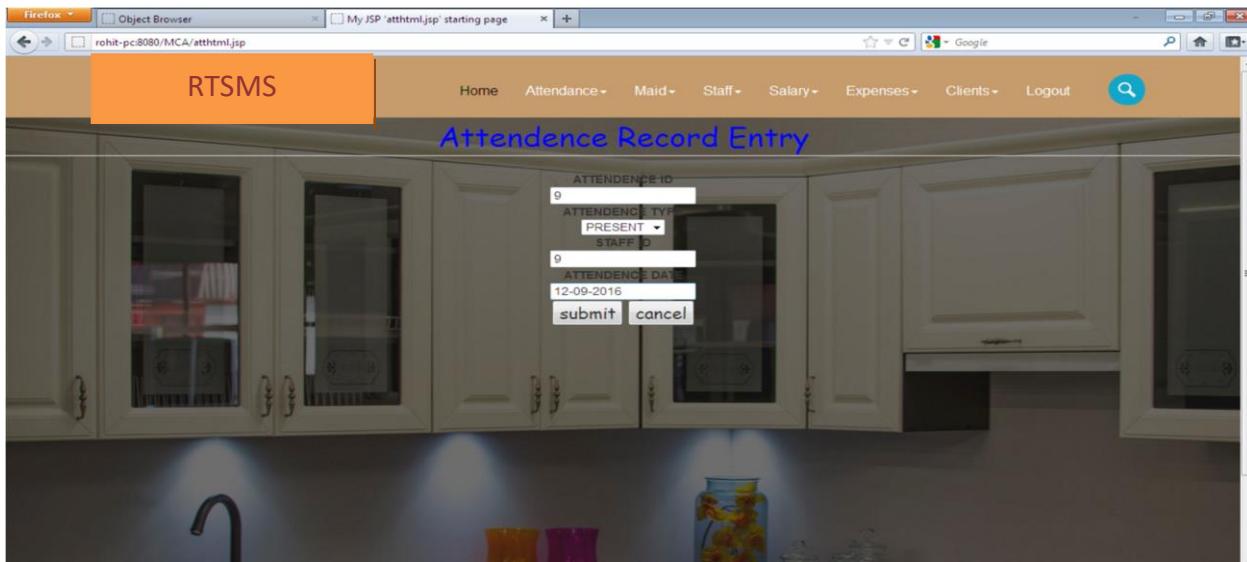
Welcome ${name}

<!-- banner -->
<div class="w3l-banner">
    <div class="container">
        <div class="flexslider-info">
            <section class="slider">
                <div class="flexslider">
                    <ul class="slides">
                        <li>
                            <div class="w3l-info">
                                <h3
class="w3">RTSMS<span>RTSMS "RAJAN TECH SUPPORT" is an ISO-9001-2000 certified company
.It is one of the largest technical support company in Delhi NCR. Its headquarter is
situated in DELHI. It is reached out to millions of clients since its founding in 2002.
</span></h3>
                            </div>
                        </li>
                    </ul>
                </div>
            </section>
        </div>
    </div>
</div>

</BODY>

</html>
```

## **ATTENDANCERECORD.JSP**



```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath =
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort ()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <base href="<%basePath%>">
    <title>My JSP 'attinsert.jsp' starting page</title>
    <meta http-equiv="pragma" content="no-cache">
```

```

<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1, keyword2, keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
-->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website Template | Home :: W3layouts</title>
<!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initial-scale=1">
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
        <meta name="keywords" content="Stylewell a Responsive Web Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia, Samsung, LG, Sony Ericsson, Motorola Web Design">
            <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
        <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css">        <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">        <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function() {
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider) {
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->

</head>
<%@page import="java.sql.*" %>
<body>
<!-- Header -->
<div class="header">
    <!-- Top-Bar -->
        <div class="top-bar">
            <div class="container">

```

```

        <div class="header-nav">
<nav class="navbar navbar-default">          <!-- Brand and toggle get grouped for
better mobile display --&gt;
                &lt;div class="navbar-header"&gt;
                    &lt;button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1"&gt;
                        &lt;span class="sr-only"&gt;Toggle
navigation&lt;/span&gt;
                    &lt;span class="iconbar"&gt;&lt;/span&gt;
                    &lt;span class="iconbar"&gt;&lt;/span&gt;
                    &lt;span class="iconbar"&gt;&lt;/span&gt;
                &lt;/button&gt;
                &lt;h1&gt;&lt;a class="navbar-brand"
href="index.html"&gt;RTSMS&lt;/a&gt;&lt;/h1&gt;
                &lt;/div&gt;
                &lt;!-- Collect the nav links, forms, and other
content for toggling --&gt;
                &lt;div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1"&gt;
                    &lt;ul class="nav navbar-nav "&gt;
                        &lt;li&gt;&lt;a class=" active"
href="loginsuccessadmin.jsp"&gt;Home&lt;/a&gt;&lt;/li&gt;
                            &lt;li class="dropdown"&gt;
                                &lt;a href="#"&gt;Attendance&lt;b
class="caret"&gt;&lt;/b&gt;&lt;/a&gt;
                                &lt;ul class="dropdownmenu
agile_short_dropdown"&gt;
                                    &lt;li&gt;&lt;a
href="atthtml.jsp"&gt;Record&lt;/a&gt;&lt;/li&gt;
                                    &lt;li&gt;&lt;a
href="attupdatehtml.jsp"&gt;Update&lt;/a&gt;&lt;/li&gt;
                                    &lt;li&gt;&lt;a
href="attrviewhtml.jsp"&gt;Check&lt;/a&gt;&lt;/li&gt;
                                    &lt;li&gt;&lt;a
href="attdeletehtml.jsp"&gt;Delete&lt;/a&gt;&lt;/li&gt;
                                &lt;/ul&gt;
                            &lt;/li&gt;
                            &lt;li class="dropdown"&gt;
                                &lt;a href="#"&gt;Tech-
Support &lt;b class="caret"&gt;&lt;/b&gt;&lt;/a&gt;
                                &lt;ul class="dropdownmenu
agile_short_dropdown"&gt;
                                    &lt;li&gt;&lt;a
href="Tech-Support html.jsp"&gt;Record&lt;/a&gt;&lt;/li&gt;
                                    &lt;li&gt;&lt;a href="Tech-Support updatehtml.jsp"&gt;Update&lt;/a&gt;&lt;/li&gt;
                                    &lt;li&gt;&lt;a
href="Tech-Support viewhtml.jsp"&gt;Check&lt;/a&gt;&lt;/li&gt;
                                    &lt;li&gt;&lt;a href="#"&gt;Tech-
Support deletehtml.jsp"&gt;Delete&lt;/a&gt;&lt;/li&gt;
                                &lt;/ul&gt;
                            &lt;/li&gt;
                            &lt;li class="dropdown"&gt;
                                &lt;a href="#"&gt;
</pre>

```

```

class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Staff<b>
class="caret"</b></a>
<ul class="dropdownmenu
agile_short_dropdown">
<li><a href="staffhtml.jsp">Record</a></li>
<li><a href="staffupdatehtml.jsp">Update</a></li>
<li><a href="staffviewhtml.jsp">Check</a></li>
<li><a href="staffdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#">
Salary<b>
class="caret"</b></a>
<ul class="dropdownmenu
agile_short_dropdown">
<li><a href="stsalhtml.jsp">Record</a></li>
<li><a href="stsalupdatehtml.jsp">Update</a></li>
<li><a href="stsalviewhtml.jsp">Check</a></li>
<li><a href="stsaldeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-
toggle="dropdown" ariaexpanded="false">Expenses<b>
class="caret"</b></a>
<ul class="dropdownmenu
agile_short_dropdown">
<li><a href="offexphtml.jsp">Record</a></li>
<li><a href="offexpupdatehtml.jsp">Update</a></li>
<li><a href="offexpviewhtml.jsp">Check</a></li>
<li><a href="offexpdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-
toggle="dropdown" ariaexpanded="false">Clients<b>
class="caret"</b></a>
<ul class="dropdown-
menu agile_short_dropdown">
<li><a href="clienthtml.jsp">Record</a></li>
<li><a href="clientupdatehtml.jsp">Update</a></li>
<li><a href="clientviewhtml.jsp">Check</a></li>

```

```

            <li><a href="clientdeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li><a href="loginpage.jsp">Logout</a></li>
</ul>
<div class="search-box">
    <div id="sb-search" class="sb-search">
        <form>
            <input class="sb-search-input" placeholder="Enter your search term..." type="search" name="search" id="search">
            <input class="sb-search-submit" type="submit" value="">
            <span class="sb-icon-search"> </span>
        </form>
    </div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script src="js/classie.js"></script>
<script src="js/uisearch.js"></script>
<script>
    new UISearch(
        document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<%
try{
int atid=Integer.parseInt(request.getParameter("i1"));
String att=request.getParameter("i2");
String sid=request.getParameter("i3");
String atd=request.getParameter("i4");
Class.forName("oracle.jdbc.driver.OracleDriver"); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("insert into statt
values(?, ?, ?, ?)");
ps.setInt(1,atid); ps.setString(2,att);
ps.setString(3,sid); ps.setString(4,atd); ps.executeUpdate();
}

```

```

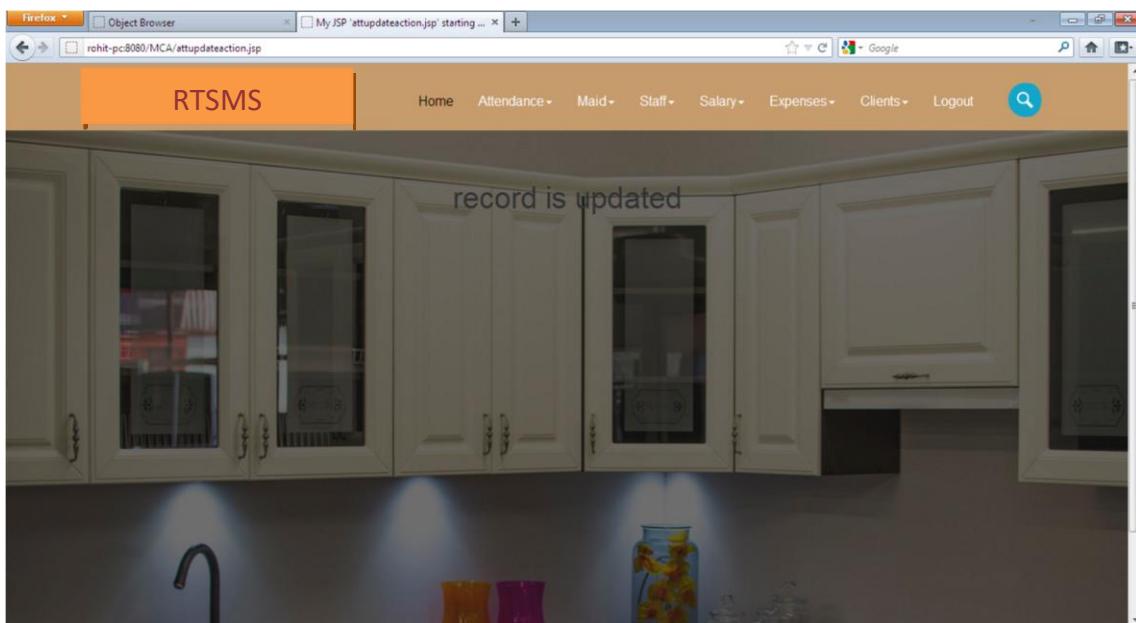
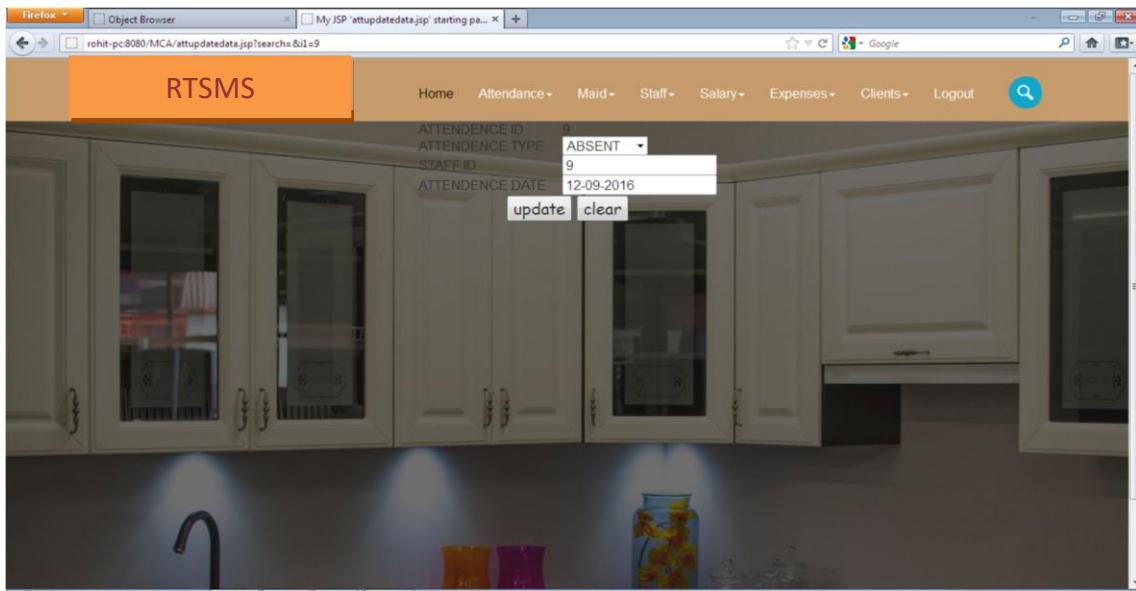
        out.println("<br><br><br><center><h1>record is inserted successfully</h1></center>") ;
    }
    catch(Exception ex)
    {
        out.println(ex);
    }
%>

</body>

</html>

```





```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <base href="<%basePath%>">
```

```

<title>My JSP 'attupdateaction.jsp' starting page</title>      <meta
http-equiv="pragma" content="no-cache">
<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1, keyword2, keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
-->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
<!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
    <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
        <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
        <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>  <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css">          <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">          <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function(){
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider){
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->
</head>

<%@page import="java.sql.*" %>
<body>
<!-- Header -->
    <div class="header">

```

```

<!-- Top-Bar -->
    <div class="top-bar">
        <div class="container">
            <div class="header-nav">
                <nav class="navbar navbar-default"          <!-- Brand and toggle get grouped for
better mobile display -->
                    <div class="navbar-header">
                        <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-
navbar-collapse-1" collapse nav-will" id="bs-example-navbar-collapse-1">
                            <span class="sr-
only">Toggle navigation</span>
                            <span class="icon-
bar"></span>
                            <span class="icon-
bar"></span>
                            <span class="icon-
bar"></span>
                    </button>
                    <h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
                </div>
                <!-- Collect the nav links, forms,
and other content for toggling -->
                <div class="collapse navbar-
                    <ul class="nav navbar-nav ">
                        <li><a class=" active"
href="loginsuccessadmin.jsp">Home</a></li>
                            <li class="dropdown">
                                <a href="#" class="dropdown-toggle"
data-toggle="dropdown" ariaexpanded="false">Attendance<b class="caret"></b></a>
                                <ul class="dropdown-
menu agile_short_dropdown">
                                    <li><a
href="atthtml.jsp">Record</a></li>
                                    <li><a
href="attupdatehtml.jsp">Update</a></li>
                                    <li><a
href="attviewhtml.jsp">Check</a></li>
                                    <li><a
href="attdeletehtml.jsp">Delete</a></li>
                                </ul>
                            </li>
                        <li class="dropdown">
                            <a href="#" class="dropdown-toggle"
data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
                            <ul class="dropdownmenu
agile_short_dropdown">
                                <li><a
href="Tech-Support html.jsp">Record</a></li>

```

```

            <li><a
href="Tech-Support_updatehtml.jsp">Update</a></li>
            <li><a
href="Tech-Support_viewhtml.jsp">Check</a></li>
            <li><a href="Tech-
Support_deletehtml.jsp">Delete</a></li>
            </li>
        </ul>
        <li class="dropdown">
            <a href="#">
                Staff<b
class="caret"></b></a>
            <ul class="dropdownmenu
agile_short_dropdown">
                <li><a
href="staffhtml.jsp">Record</a></li>
                <li><a
href="staffupdatehtml.jsp">Update</a></li>
                <li><a
href="staffviewhtml.jsp">Check</a></li>
                <li><a
href="staffdeletehtml.jsp">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#">
                Salary<b
class="caret"></b></a>
            <ul class="dropdown-
menu agile_short_dropdown">
                <li><a
href="stsalhtml.jsp">Record</a></li>
                <li><a
href="stsalupdatehtml.jsp">Update</a></li>
                <li><a
href="stsalviewhtml.jsp">Check</a></li>
                <li><a
href="stsaldeletehtml.jsp">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#">
                Expenses<b
class="caret"></b></a>
            <ul class="dropdown-
menu agile_short_dropdown">
                <li><a
href="offexphml.jsp">Record</a></li>
                <li><a
href="offexpupdatehtml.jsp">Update</a></li>

```

```

<li><a href="offexpviewhtml.jsp">Check</a></li>
<li><a href="offexpdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Clients<b class="caret"></b></a>
<ul class="dropdown-menu agile_short_dropdown">
<li><a href="clienthtml.jsp">Record</a></li>
<li><a href="clientupdatehtml.jsp">Update</a></li>
<li><a href="clientviewhtml.jsp">Check</a></li>
<li><a href="clientdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li><a href="loginpage.jsp">Logout</a></li>
</ul>
<div class="search-box">
<div id="sb-search" class="sb-search">
<form>
<input type="text" placeholder="Enter your search term..." name="search" id="search" class="sb-search-input"/>
<input type="submit" value="" class="sb-search-submit"/>
<span class="sb-icon-search"></span>
</form>
</div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script src="js/classie.js"></script>
<script src="js/uisearch.js"></script>
<script>    new UISearch( document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</div>
</nav>
</div>

```

```

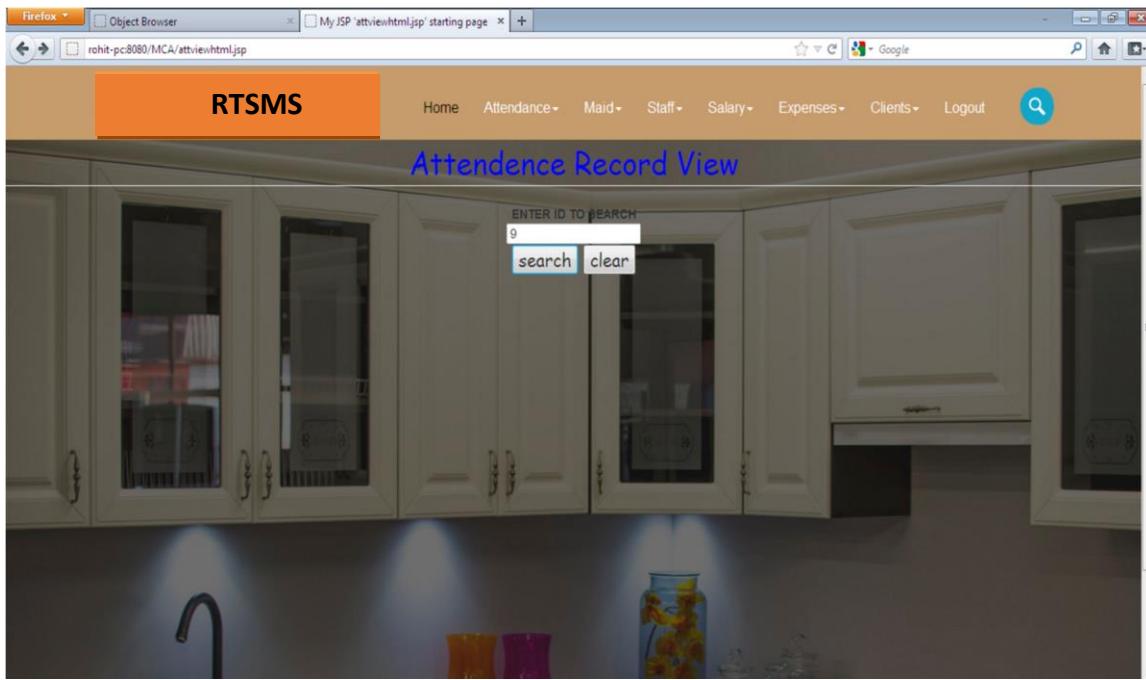
        </div>
</div>      <!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<% try{
String atid=(String)session.getAttribute("i1");
String att=request.getParameter("i2");
String sid=request.getParameter("i3");
String atd=request.getParameter("i4");
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance(); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("update statt set
att=?,sid=?,std=? where atid=?"); ps.setString(4,atid);
ps.setString(1,att); ps.setString(2,sid); ps.setString(3,atd);
ps.executeUpdate();
out.println("<br><br><br><center><h1>record is updated</h1></center>");
}
catch(Exception ex)
{
out.println(ex);
}
%>
</body>

</html>

```

## ATTENDANCESEARCH.JSP



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <base href="<%basePath%>">

    <title>My JSP 'attviewhtml.jsp' starting page</title>

    <meta http-equiv="pragma" content="no-cache">
    <meta http-equiv="cache-control" content="no-cache">
    <meta http-equiv="expires" content="0">
    <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
    <meta http-equiv="description" content="This is my page">
    <!--
    <link rel="stylesheet" type="text/css" href="styles.css">
    -->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
  <!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
  <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
  <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web Template,
Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">

```

```

        <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
    type="text/css">            <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
    type="text/css">            <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function(){
$.flexslider({                                animation:
"slide",                                start: function(slider){
        $('body').removeClass('loading');
    }
});
    });
    </script>
<!--End-slider-script-->

</head>
<body>
<form name="attendenceview" action="attviewdisplay.jsp">
<center>
<!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
<nav class="navbar navbar-default">          <!-- Brand and toggle get grouped for
better mobile display -->
                    <div class="navbar-header">
                        <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsexample-navbar-
collapse-1">
                            <span class="sr-
only">Toggle navigation</span>
                            <span class="icon-
bar"></span>
                            <span class="icon-
bar"></span>

```

```

></span>


```

RTSMS</a></h1>

and other content for toggling -->

```

<!-- Collect the nav links, forms,

```

```

<div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
    <ul class="nav navbar-nav ">
        <li><a class=" active"

```

[Home](loginsuccessadmin.jsp)</li>

```

            <li class="dropdown">
                <a href="#" class="caret"><b></b></a>

```

[Record](atthtml.jsp)</li>

```

            <li><a href="attupdatehtml.jsp">Update</a></li>
            <li><a href="attviewhtml.jsp">Check</a></li>
            <li><a href="attdeletehtml.jsp">Delete</a></li>

```

```

        </ul>
    </li>
    <li class="dropdown">
        <a href="#" class="caret"><b></b></a>

```

[Record](Tech-Support.html.jsp)</li>

```

        <li><a href="Tech-Support_updatehtml.jsp">Update</a></li>
        <li><a href="Tech-Support_viewhtml.jsp">Check</a></li>
        <li><a href="Tech-Support_deletehtml.jsp">Delete</a></li>

```

```

    </ul>
</li>
<li class="dropdown">
    <a href="#" class="caret"><b></b></a>

```

[Staff](#)</li>

```

        <ul class="dropdown-
menu agile_short_dropdown">
            <li><a href="staffhtml.jsp">Record</a></li>
            <li><a href="staffupdatehtml.jsp">Update</a></li>
            <li><a href="staffviewhtml.jsp">Check</a></li>
            <li><a href="staffdeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">Salary<b class="caret"></b></a>
        <ul class="dropdownmenu agile_short_dropdown">
            <li><a href="stsalhtml.jsp">Record</a></li>
            <li><a href="stsalupdatehtml.jsp">Update</a></li>
            <li><a href="stsalviewhtml.jsp">Check</a></li>
            <li><a href="stsaldeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">Expenses<b class="caret"></b></a>
        <ul class="dropdownmenu agile_short_dropdown">
            <li><a href="offexphtml.jsp">Record</a></li>
            <li><a href="offexpupdatehtml.jsp">Update</a></li>
            <li><a href="offexpviewhtml.jsp">Check</a></li>
            <li><a href="offexpdeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">Clients<b class="caret"></b></a>
        <ul class="dropdown-
menu agile_short_dropdown">
            <li><a href="clienthtml.jsp">Record</a></li>

```

```

<li><a href="clientupdatehtml.jsp">Update</a></li>
<li><a href="clientviewhtml.jsp">Check</a></li>
<li><a href="clientdeletehtml.jsp">Delete</a></li>
<li><a href="loginpage.jsp">Logout</a></li>

```

```

<div class="search-box">
    <div id="sb-search">
        <form>
            <input type="text" placeholder="Enter your search term..." name="search" id="search" class="sb-search-input" value="" />
            <input type="submit" value="" class="sb-search-submit" />
            <span class="sb-icon-search"> </span>
        </form>
    </div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script src="js/classie.js"></script>
<script src="js/uisearch.js"></script>
<script new UISearch( document.getElementById( 'sb-search' ) );>
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
</div>
<!-- //Top-Bar -->
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<legend>
    <p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">Attendance Record View</p>

```

```

</legend>
<label>ENTER ID TO SEARCH</label><br/><input type="text" name="i1" required placeholder="ATTENDENCE ID"/><br/>

```

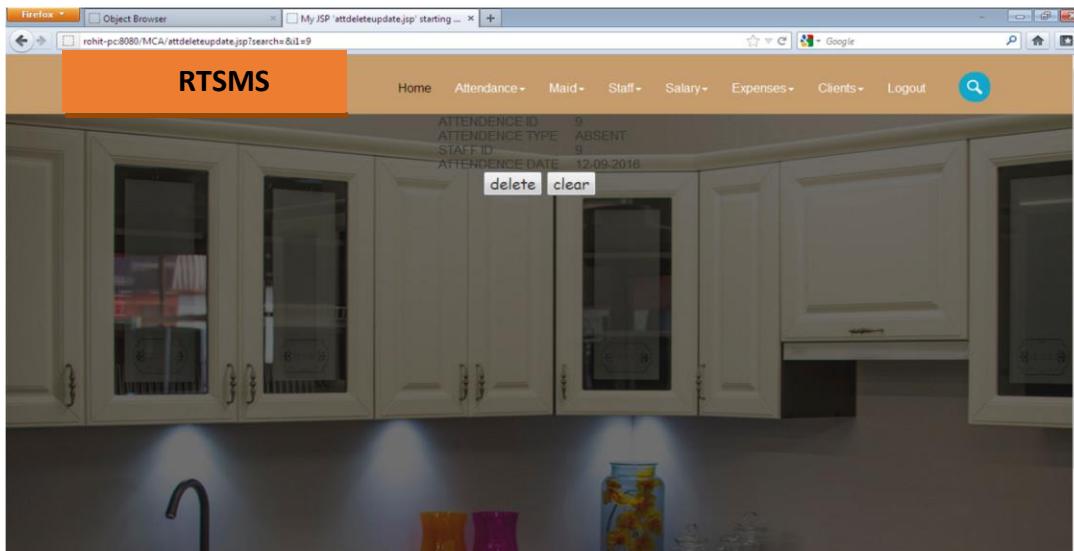
```

<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit" value="search"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>
</center>
</form>
</body>

</html>

```

## ATTENDANCEDELETE.JSP



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<base href="<%basePath%>">

<title>My JSP 'attdeleteupdate.jsp' starting page</title>

<meta http-equiv="pragma" content="no-cache">
<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
-->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
<!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-

```

```

8">
    <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
    <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>  <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
    type="text/css">      <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
    type="text/css">      <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function(){
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider){
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->

</head>

    <%@page import="java.sql.*" %>
<body>
<!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
        <div class="top-bar">
            <div class="container">
                <div class="header-nav">
                    <nav class="navbar navbar-default">
                        <!-- Brand and toggle get grouped for better mobile display -->
                        <div class="navbar-header">
                            <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsand other
content for toggling -->

```

```

example-navbar-collapse-1">
    <span class="sr-only">Toggle navigation</span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
</button>
<h1><a class="navbar-brand" href="index.html">RTSMS</a></h1>
</div>
<!-- Collect the nav links, forms,
&lt;div class="collapse navbar-collapse nav-wil" id="bs-example-navbar-collapse-1"&gt;
    &lt;ul class="nav navbar-nav"&gt;
        &lt;li&gt;&lt;a class="active" href="loginsuccessadmin.jsp"&gt;Home&lt;/a&gt;&lt;/li&gt;
        &lt;li class="dropdown"&gt;
            &lt;a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false"&gt;Attendance&lt;b class="caret"&gt;&lt;/b&gt;&lt;/a&gt;
            &lt;li class="dropdown"&gt;
                &lt;a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false"&gt;Tech-Support &lt;b class="caret"&gt;&lt;/b&gt;&lt;/a&gt;
                &lt;li class="dropdown"&gt;
                    &lt;a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false"&gt;Staff&lt;b class="caret"&gt;&lt;/b&gt;&lt;/a&gt;
                    &lt;li class="dropdown"&gt;
                        &lt;a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false"&gt;Salary&lt;b class="caret"&gt;&lt;/b&gt;&lt;/a&gt;
                        &lt;ul class="dropdownmenu agile_short_dropdown"&gt;
                            &lt;li&gt;&lt;a href="stsalhtml.jsp"&gt;Record&lt;/a&gt;&lt;/li&gt;
                            &lt;li&gt;&lt;a href="stsalupdatehtml.jsp"&gt;Update&lt;/a&gt;&lt;/li&gt;
                            &lt;li&gt;&lt;a href="stsalviewhtml.jsp"&gt;Check&lt;/a&gt;&lt;/li&gt;
                            &lt;li&gt;&lt;a href="stsaldeletehtml.jsp"&gt;Delete&lt;/a&gt;&lt;/li&gt;
                            &lt;li&gt;&lt;a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false"&gt;Expenses&lt;b class="caret"&gt;&lt;/b&gt;&lt;/a&gt;
                                &lt;ul class="dropdownmenu agile_short_dropdown"&gt;
                                    &lt;li&gt;&lt;a href="offexphtml.jsp"&gt;Record&lt;/a&gt;&lt;/li&gt;
                                    &lt;li&gt;&lt;a href="offexpupdatehtml.jsp"&gt;Update&lt;/a&gt;&lt;/li&gt;
                                    &lt;li&gt;&lt;a href="#"&gt;&lt;/a&gt;&lt;/li&gt;
                                &lt;/ul&gt;
                            &lt;/li&gt;
                        &lt;/ul&gt;
                    &lt;/li&gt;
                &lt;/li&gt;
            &lt;/li&gt;
        &lt;/li&gt;
    &lt;/ul&gt;
&lt;/div&gt;
</pre>

```

```

href="offexpviewhtml.jsp">Check</a></li>
<li><a href="offexpdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Clients<b class="caret"></b></a>
        <ul class="dropdownmenu agile_short_dropdown">
            <li><a href="clienthtml.jsp">Record</a></li>
            <li class="sb-search-input" placeholder="Enter your search term..." type="search" name="search" id="search">
                <input class="sb-search-submit" type="submit" value="">
            </li>
        </ul>
    </li>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script src="js/classie.js"></script>
<script src="js/uisearch.js"></script>
<script>
    new UISearch(
        document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<% try{
String atid=request.getParameter("i1").trim();
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance(); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("select * from statt where atid=?");
ps.setString(1,atid);
ResultSet rs=ps.executeQuery(); if(rs.next())
{
session.setAttribute("i1",atid);

%>
<form name="frm2" action="attdeleteaction.jsp" method="post">
<center>
<table>

```

```

<tr>
<td>
ATTENDENCE ID &nbsp&nbsp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(1)); %>
</td>
</tr>
<tr>
<td>
ATTENDENCE TYPE &nbsp&nbsp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(2)); %>
</td>
</tr>
<tr>
<td>
STAFF ID &nbsp&nbsp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(3)); %>
</td>
</tr>
<tr>
<td>
ATTENDENCE DATE &nbsp&nbsp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(4)); %>
</td>
</tr>

</table>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit" value="delete"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>
</center>
</form>
<% } else {
out.println("record is not found");
}
}
catch(Exception e)
{
out.println(e);
}
%>
</body>
</html>

```

## TECH-SUPPORT RECORD.JSP

```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%> <%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort ()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
    <head>
        <base href="<%basePath%>">

        <title>My JSP 'Tech-Support html.jsp' starting page</title>

        <meta http-equiv="pragma" content="no-cache">
        <meta http-equiv="cache-control" content="no-cache">
        <meta http-equiv="expires" content="0">
        <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
        <meta http-equiv="description" content="This is my page">
        <!--
        <link rel="stylesheet" type="text/css" href="styles.css">
        -->

    </head>
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
        <meta http-equiv="Content-Type" content="text/html; charset=utf8">
        <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
        <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
    <link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css">        <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">        <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
```

```

<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function() {
            $('.flexslider').flexslider({ animation: "slide",
                start: function(slider) {
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->

<body>
    <form name="frm" action="Tech-Support insert.jsp">
        <center>
<!-- Header -->
        <div class="header">
            <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
                        <nav class="navbar navbar-default">           <!-- Brand and toggle get grouped for better mobile display -->
                            <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
                                <span class="sr-only">Toggle navigation</span>
                                <span class="icon-bar"></span>
                                <span class="icon-bar"></span>
                                <span class="icon-bar"></span>
                            </button>
                            <h1><a class="navbar-brand" href="index.html">RTSMS</a></h1>
                            </div>
                            <!-- Collect the nav links, forms, and other content for toggling -->
                            <div class="collapse navbar-collapse collapse nav-will" id="bs-example-navbar-collapse-1">
                                <ul class="nav navbar-nav">
                                    <li><a class="active" href="loginsuccessadmin.jsp">Home</a></li>
                                    <li class="dropdown">
                                        <a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Attendance<b class="caret"></b></a>
                                    <ul class="dropdown-menu agile_short_dropdown">

```

```

        <li><a
Record</a></li>
        <li><a
Update</a></li>
        <li><a
Check</a></li>
        <li><a
Delete</a></li>
    </ul>
</li>
<li class="dropdown">
    <a href="#">
        Tech-Support <b class="caret"></b></a>
    <ul class="dropdownmenu agile_short_dropdown">
        <li><a
Record</a></li>
        <li><a
Update</a></li>
        <li><a
Check</a></li>
        <li><a href="#">
            Tech-Support deletehtml.jsp</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">
            Staff <b class="caret"></b></a>
        <ul class="dropdownmenu agile_short_dropdown">
            <li><a
Record</a></li>
            <li><a
Update</a></li>
            <li><a
Check</a></li>
            <li><a
Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">
            Salary <b class="caret"></b></a>
        <ul class="dropdownmenu agile_short_dropdown">
            <li><a
Record</a></li>
            <li><a
Update</a></li>
            <li><a
Check</a></li>

```

```

            <li><a
href="stsaldeletehtml.jsp">Delete</a></li>
                </ul>
            </li>
            <li class="dropdown">
                <a href="#">
                    Expenses<b
class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a
href="offexphtml.jsp">Record</a></li>
                        <li><a
href="offexpupdatehtml.jsp">Update</a></li>
                        <li><a
href="offexpviewhtml.jsp">Check</a></li>
                        <li><a
href="offexpdeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#">
                        Clients<b
class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">
                        <ul class="dropdownmenu
agile_short_dropdown">
                            <li><a
href="clienthtml.jsp">Record</a></li>
                            <li><a
href="clientupdatehtml.jsp">Update</a></li>
                            <li><a
href="clientviewhtml.jsp">Check</a></li>
                            <li><a href="clientdeletehtml.jsp">Delete</a></li>
                        </ul>
                    </li>
                    <li><a
href="loginpage.jsp">Logout</a></li>
                </ul>
                <div class="search-box">
                    <div id="sb-search" class="sb-search">
                        <form>
                            <input
class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">
                            <input
class="sb-search-submit" type="submit" value="">
                            <span class="sb-icon-search"> </span>
                        </form>
                    </div>
                </div><!-- /navbar-collapse -->
                <!-- search-scripts -->
                <script
src="js/classie.js"></script>
                <script
src="js/uisearch.js"></script>

```

```

                <script>
new UISearch(
document.getElementById( 'sb-search' ) );
                </script>
<!-- //search-scripts --&gt;
&lt;/nav&gt;
&lt;/div&gt;
&lt;/div&gt;
&lt;/div&gt;
<!-- //Top-Bar --&gt;
&lt;/div&gt;
<!-- //Header --&gt;

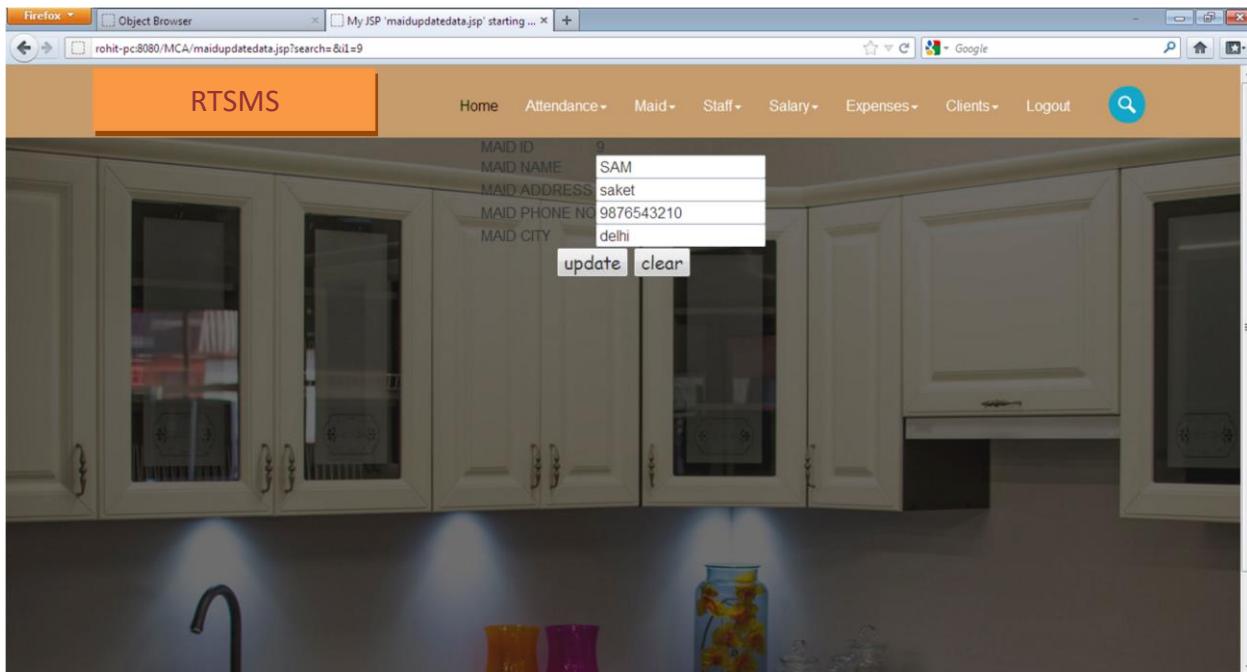
<!-- banner --&gt;
<div class="w3l-banner">
<legend>
<p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">Tech-Support Record Entry</p>
</legend>
<label>TECH-SUPPORT ID</label><br/><input type="text" name="i1" required
placeholder="TECH-SUPPORT ID"/><br/>
<label>TECH-SUPPORT NAME<br/></label><br/><input type="text" name="i2" required
placeholder="TECH-SUPPORT NAME"/><br/>
<label>TECH-SUPPORT ADDRESS<br/></label><br/><input type="text" name="i3" required
placeholder="ENTER ADDRESS"/><br/>
<label>TECH-SUPPORT PHONE NO.<br/></label><br/><input type="text" name="i4" required
placeholder="PHONE NO"/><br/>
<label>TECH-SUPPORT CITY<br/></label><br/><input type="text" name="i5" required
placeholder="TECH-SUPPORT CITY"/><br/>
<input style="font-family: Comic Sans MS; font-size:20px" type="submit"
value="submit"/>
<input style="font-family: Comic Sans MS; font-size:20px" type="reset"
value="cancel"/>

</center>
</form>

</body>
</html>

```

## TECH-SUPPORT RECORDUPDATE.JSP



```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+": "+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<base href="<%basePath%>">

<title>My JSP 'Tech-Support updatedata.jsp' starting page</title>

<meta http-equiv="pragma" content="no-cache">
<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
```

```

    --->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
    <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
        <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
        <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css">            <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">            <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function(){
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider) {
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->

</head>

<%@page import="java.sql.*" %>
<body>
<!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
                        <nav class="navbar navbar-default">          <!-- Brand and toggle get grouped for
better mobile display -->
                            <div class="navbar-header">
                                <button type="button"

```

```

class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
Toggle navigation




# RTSMS



- Home
- Attendance
  - Record
  - Update
  - Check
  - Delete
- TechSupport 
  - Record
  - Update
  - Check
  - Delete
- Staff


```

```

                <li><a
href="staffhtml.jsp">Record</a></li>
                <li><a
href="staffupdatehtml.jsp">Update</a></li>
                <li><a
href="staffviewhtml.jsp">Check</a></li>
                <li><a
href="staffdeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#">
                        Salary<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a
href="stsalhtml.jsp">Record</a></li>
                        <li><a
href="stsalupdatehtml.jsp">Update</a></li>
                        <li><a
href="stsalviewhtml.jsp">Check</a></li>
                        <li><a
href="stsaldeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle
data-toggle="dropdown" ariaexpanded="false">Expenses<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a
href="offexphtml.jsp">Record</a></li>
                        <li><a
href="offexpupdatehtml.jsp">Update</a></li>
                        <li><a
href="offexpviewhtml.jsp">Check</a></li>
                            <li><a href="offexpdeletehtml.jsp">Delete</a></li>
                        </ul>
                    </li>
                    <li class="dropdown">
                        <a href="#">
                            Clients<b
class="caret"></b></a>
                        menu
                    <ul class="dropdown-
agile_short_dropdown">
                        <li><a
href="clienthtml.jsp">Record</a></li>
                        <li><a
href="clientupdatehtml.jsp">Update</a></li>
                        <li><a
href="clientviewhtml.jsp">Check</a></li>
                        <li><a
href="clientdeletehtml.jsp">Delete</a></li>
                    </ul>

```

```

                </li>
            <li><a
        href="loginpage.jsp">Logout</a></li>
    </ul>
    <div class="search-box">
        <div id="sb-search"
            class="sb-search">
            <form>
                <input
                    class="sb-search-input" placeholder="Enter your search term..." type="search"
                    name="search" id="search">
            <input
                class="sb-search-submit" type="submit" value="">
                <span class="sb-icon-search"> </span>
            </form>
        </div>
    </div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>
    new UISearch(
        document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<div class="container">
<div class="row">
<% try{
String id=request.getParameter("i1").trim();
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance();
Connection conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("select * from Tech-Support file where mid=?");
ps.setString(1,id);
ResultSet rs=ps.executeQuery(); if(rs.next())
{
session.setAttribute("i1",id);
%>
<form name="frm2" action="Tech-Support updateaction.jsp" method="post">

```

```

<center>
<table>
<tr><td>TECH-SUPPORT ID</td><td>
<%
out.println(rs.getString(1));
%
</td></tr>
<tr><td>TECH-SUPPORT NAME</td><td><input type="text" name="i2"
value="<%out.println(rs.getString(2).trim()); %>"></td></tr> <tr><td>TECH-SUPPORT
ADDRESS</td><td><input type="text" name="i3" value="<%out.println(rs.getString(3).trim());
%"></td></tr> <tr><td>TECH-SUPPORT PHONE NO</td><td><input type="text" name="i4"
value="<%out.println(rs.getString(4).trim()); %>"></td></tr> <tr><td>TECH-SUPPORT
CITY</td><td><input type="text" name="i5" value="<%out.println(rs.getString(5).trim());
%"></td></tr>

</table>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit" value="update"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>
</center>
</form>
<% } else {
out.println("record is not found");
} }
catch(Exception e)
{
out.println(e);
}
%
</div>
</div>
</body>
</html>

```

## TECH-SUPPORT RECORDVIEW

```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+": "+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<base href="<%basePath%>">

<title>My JSP 'Tech-Support viewhtml.jsp' starting page</title>

<meta http-equiv="pragma" content="no-cache">

```

```

<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1, keyword2, keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
-->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
<!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf8">
<meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
<script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script> <!-- //Meta-Tags -->
<!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800" type="text/css">
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css"> <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
<script defer src="js/jquery.flexslider.js"></script>
<script type="text/javascript">
$(window).load(function() {
$('.flexslider').flexslider({ animation:
"slide", start: function(slider) {
$('body').removeClass('loading');
}
});
}); </script>
<!--End-slider-script-->

</head>

<body>
<form name="Tech-Support view" action="Tech-Support viewdisplay.jsp">
<center>
<!-- Header -->
<div class="header">
<!-- Top-Bar -->
<div class="top-bar">

```

```

        <div class="container">
            <div class="header-nav">
                <nav class="navbar navbar-default">      <!-- Brand and toggle get grouped for
better mobile display --&gt;
                    &lt;div class="navbar-header"&gt;
                        &lt;button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsexample-
navbar-collapse-1"&gt; and other content for toggling --&gt;
                            &lt;span class="sr-
only"&gt;Toggle navigation&lt;/span&gt;
                            &lt;span class="icon-
bar"&gt;&lt;/span&gt;
                            &lt;span class="icon-
bar"&gt;&lt;/span&gt;
                            &lt;span class="icon-
bar"&gt;&lt;/span&gt;
                    &lt;/button&gt;
                    &lt;h1&gt;&lt;a class="navbar-brand"
href="index.html"&gt;RTSMS&lt;/a&gt;&lt;/h1&gt;
                &lt;/div&gt;
                &lt;!-- Collect the <u>nav links, forms,
                <div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
                    <ul class="nav navbar-nav ">
                        <li><a class=" active">
                            <li class="dropdown">
                                <a href="#" class="dropdown-toggle"
data-toggle="dropdown" ariaexpanded="false">Attendance<b class="caret"></b></a>
                                <ul class="dropdown-
menu agile_short_dropdown">
                                    <li><a
                                        href="atthtml.jsp">Record</a></li>
                                    <li><a
                                        href="attupdatehtml.jsp">Update</a></li>
                                    <li><a
                                        href="attviewhtml.jsp">Check</a></li>
                                    <li><a
                                        href="attdeletehtml.jsp">Delete</a></li>
                                </ul>
                            </li>
                            <li class="dropdown">
                                <a href="#" class="dropdown-toggle"
data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
                                <ul class="dropdownmenu
agile_short_dropdown">
                                    <li><a
                                        href="Tech-Support html.jsp">Record</a></li>
                                    <li><a
                                        href="Tech-Support updatehtml.jsp">Update</a></li>

```

```

            <li><a
Check</a></li>
            <li><a href="#">Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">
            Staff<b
class="caret"></b></a>
        <ul class="dropdownmenu
agile_short_dropdown">
            <li><a
Record</a></li>
            <li><a
Update</a></li>
            <li><a
Check</a></li>
                <li><a
                    href="staffdeletehtml.jsp">Delete</a></li>
                </ul>
            </li>
            <li class="dropdown">
                <a href="#">
                    Salary<b
class="caret"></b></a>
                <ul class="dropdownmenu
agile_short_dropdown">
                    <li><a
Record</a></li>
                    <li><a
Update</a></li>
                    <li><a
Check</a></li>
                    <li><a
                        href="stsaldeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle"
data-toggle="dropdown" ariaexpanded="false">Expenses<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a
Record</a></li>
                        <li><a
Update</a></li>
                        <li><a
Check</a></li>
                        <li><a
                            href="offexpdeletehtml.jsp">Delete</a></li>
                        </ul>
                    </li>
                    <li class="dropdown">
                        <a href="#">
                            Clients<b
class="caret"></b></a>

```

```

        <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a href="clienthtml.jsp">Record</a></li>
                        <li><a href="clientupdatehtml.jsp">Update</a></li>
                        <li><a href="clientviewhtml.jsp">Check</a></li>
                            <li><a href="clientdeletehtml.jsp">Delete</a></li>
                        </ul>
                    </li>
                <li><a href="loginpage.jsp">Logout</a></li>
            </ul>
            <div class="search-box">
                <div id="sb-search" class="sb-search">
                    <form>
                        <input
class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">
                        <input
class="sb-search-submit" type="submit" value="">
                        <span class="sb-icon-search"> </span>
                    </form>
                </div>
            </div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
    <script>        new UISearch( document.getElementById( 'sb-search' )
);
    </script>
    <!-- //search-scripts -->
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<legend>
    <p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">Tech-Support Record View<hr></p>
</legend>
<label>ENTER ID TO SEARCH</label><br/><input type="text" name="i1" required
placeholder="JOB ID"/><br/>
<input style="font-family: Comic Sans MS; font-size:20px" type="submit" value="search"/>
<input style="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>

```

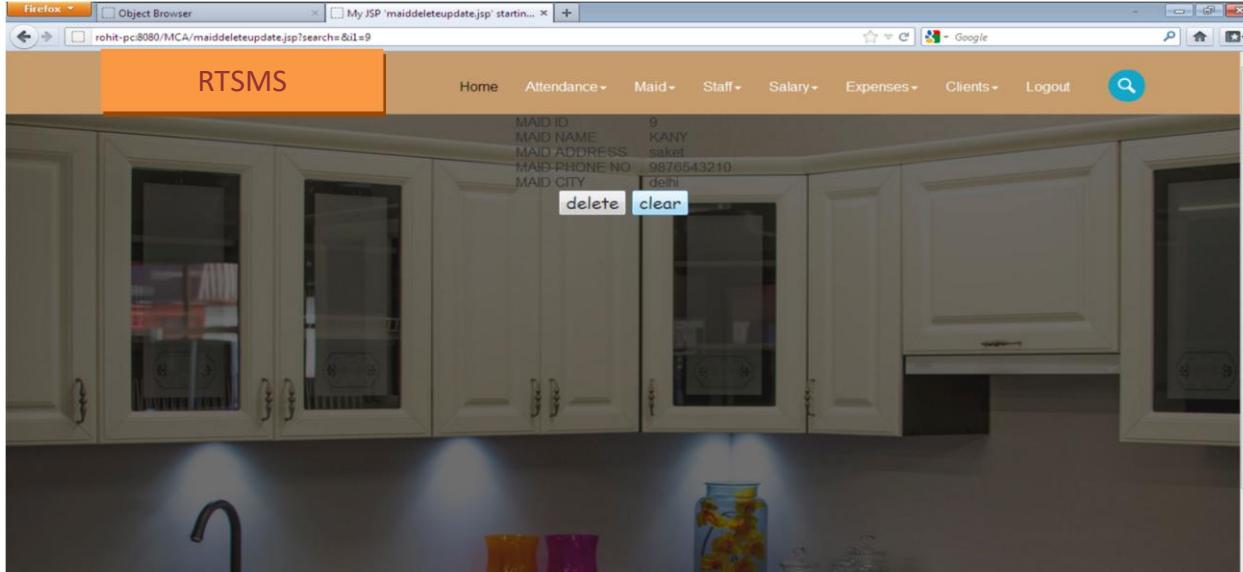
```

</center>
</form>
</body>

</html>

```

## TECH-SUPPORT RECORDDELETE.JSP



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <base href="<%=basePath%>">

    <title>My JSP 'Tech-Support deleteupdate.jsp' starting page</title>

    <meta http-equiv="pragma" content="no-cache">
    <meta http-equiv="cache-control" content="no-cache">
    <meta http-equiv="expires" content="0">
    <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
    <meta http-equiv="description" content="This is my page">
    <!--
    <link rel="stylesheet" type="text/css" href="styles.css">
    -->
    <title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
    <meta http-equiv="Content-Type" content="text/html; charset=utf-

```

```

8">
    <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
    <script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>
    <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
    type="text/css">           <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
    type="text/css">           <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function(){
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider){
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->

</head>

<%@page import="java.sql.*" %>
<body>
<!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
<nav class="navbar navbar-default">           <!-- Brand and toggle get grouped for
better mobile display -->
                    <div class="navbar-header">
                        <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-
collapse-1">
                            <span class="sr-
only">Toggle navigation</span>

```

```

>/span>
>/span>
>/span>
<button>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
</button>
<h1><a class="navbar-brand"
 href="index.html">RTSMS</a></h1>
</div>
<!-- Collect the nav links, forms,
and other content for toggling -->
<div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
    <ul class="nav navbar-nav ">
        <li><a class=" active"
 href="loginsuccessadmin.jsp">Home</a></li>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Attendance<b
class="caret"></b></a>
            <ul class="dropdown-
menu agile_short_dropdown">
                <li><a
 href="atthtml.jsp">Record</a></li>
                <li><a
 href="attupdatehtml.jsp">Update</a></li>
                <li><a
 href="attviewhtml.jsp">Check</a></li>
                <li><a
 href="attdeletehtml.jsp">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
            <ul class="dropdownmenu
agile_short_dropdown">
                <li><a
 href="Tech-Support html.jsp">Record</a></li>
                <li><a href="Tech-Support updatehtml.jsp">Update</a></li>
                <li><a
 href="Tech-Support viewhtml.jsp">Check</a></li>
                <li><a href="#" class="dropdown">
                    <li><a href="#" class="dropdown">

```

```

class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Staff<b>
class="caret"></b></a>
<ul class="dropdownmenu"
agile_short_dropdown">
<li><a href="staffhtml.jsp">Record</a></li>
<li><a href="staffupdatehtml.jsp">Update</a></li>
<li><a href="staffviewhtml.jsp">Check</a></li>
<li><a href="staffdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#">
Salary<b>
class="caret"></b></a>
<ul class="dropdownmenu"
agile_short_dropdown">
<li><a href="stsalhtml.jsp">Record</a></li>
<li><a href="stsalupdatehtml.jsp">Update</a></li>
<li><a href="stsalviewhtml.jsp">Check</a></li>
<li><a href="stsaldeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#">
Expenses<b>
class="caret"></b></a>
<ul class="dropdownmenu"
agile_short_dropdown">
<li><a href="offexphtml.jsp">Record</a></li>
<li><a href="offexpupdatehtml.jsp">Update</a></li>
<li><a href="offexpviewhtml.jsp">Check</a></li>
<li><a href="offexpdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#">
<ul class="dropdownmenu"
menu agile_short_dropdown">
<li><a href="clienthtml.jsp">Record</a></li>

```

```

            <li><a href="clientupdatehtml.jsp">Update</a></li>
            <li><a href="clientviewhtml.jsp">Check</a></li>
            <li><a href="clientdeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li><a href="loginpage.jsp">Logout</a></li>
</ul>
<div class="search-box">
<div id="sb-search" class="sb-search">
    <form>
        <input class="sb-search-input" placeholder="Enter your search term..." type="search" name="search" id="search">
        <input class="sb-search-submit" type="submit" value="">
        <span class="sb-icon-search"> </span>
    </form>
</div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>    new UISearch( document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<% try{
String mid=request.getParameter("i1").trim();
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance(); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("select * from Tech-Support file where
mid=?"); ps.setString(1,mid);
ResultSet rs=ps.executeQuery(); if(rs.next())
{

```

```

session.setAttribute("i1",mid);

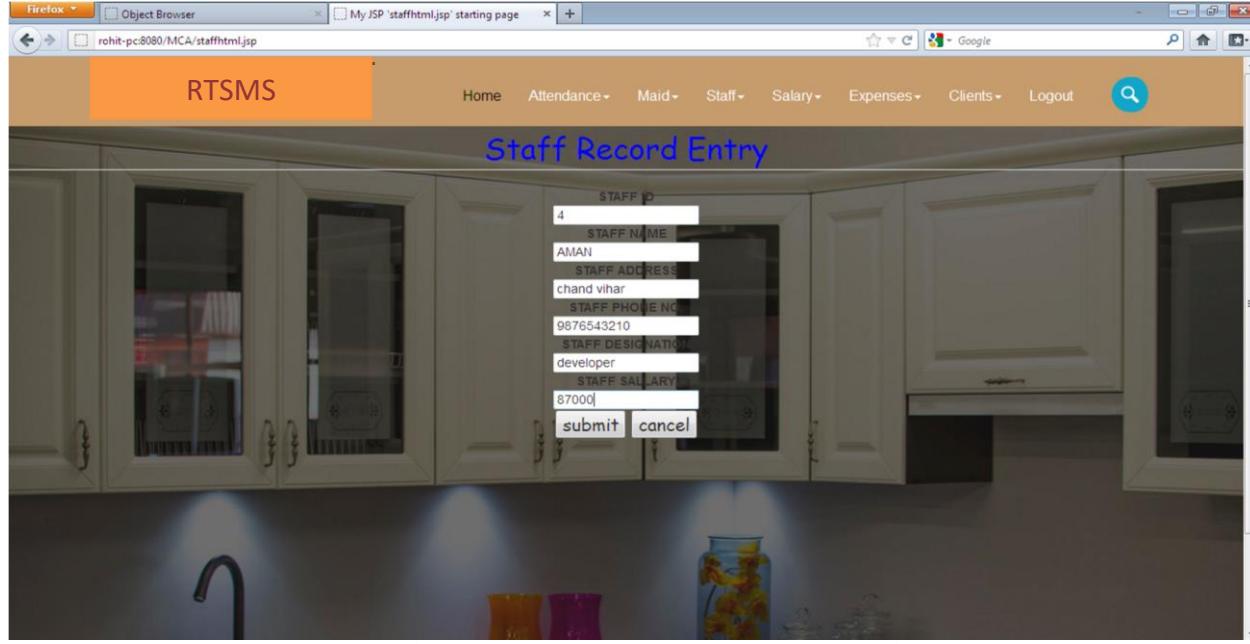
%>
<form name="frm2" action="Tech-Support deleteaction.jsp" method="post">
<center>
<table>
<tr>
<td>
TECH-SUPPORT ID &nbspp&nbspp&nbspp&nbsp
</td>
<td>
<%out.println(rs.getString(1)); %>
</td>
</tr>
<tr>
<td>
TECH-SUPPORT NAME &nbspp&nbspp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(2)); %>
</td>
</tr>
<tr>
<td>
TECH-SUPPORT ADDRESS &nbspp&nbspp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(3)); %>
</td>
</tr>
<tr>
<td>
TECH-SUPPORT PHONE NO &nbspp&nbspp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(4)); %>
</td>
</tr>
<tr>
<td>
TECH-SUPPORT CITY &nbspp&nbspp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(5)); %>
</td>
</tr>
</table>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit" value="delete"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>
</center>
</form>
<% } else {
out.println("record is not found");
} }
catch(Exception e)
{ out.println(e); }

```

```
%>  
</body>
```

```
</html>
```

## STAFFRECORD.JSP



```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>  
<%  
String path = request.getContextPath(); String basePath  
=  
request.getScheme ()+"://"+request.getServerName ()+": "+request.getServerPort()  
+path+"/";  
%>  
  
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">  
<html>  
  <head>  
    <base href="<%basePath%>">  
  
    <title>My JSP 'staffhtml.jsp' starting page</title>  
  
    <meta http-equiv="pragma" content="no-cache">  
    <meta http-equiv="cache-control" content="no-cache">  
    <meta http-equiv="expires" content="0">  
    <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">  
    <meta http-equiv="description" content="This is my page">  
    <!--  
    <link rel="stylesheet" type="text/css" href="styles.css">  
    -->  
  <title>Stylewell an Interior Category Flat Bootstrap Responsive Website  
Template | Home :: W3layouts</title>  
  <!-- Meta-Tags -->  
  <meta name="viewport" content="width=device-width, initialscale=1">  
  <meta http-equiv="Content-Type" content="text/html; charset=utf-
```

```

8">
    <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
    <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>  <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
    type="text/css">      <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
    type="text/css">      <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function() {
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider) {
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->

</head>

<body>
    <form name="frm" action="staffinsert.jsp">
        <center>
<!-- Header -->
        <div class="header">
            <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
                        <nav class="navbar navbar-default">
                            <!-- Brand and toggle get grouped
for better mobile display -->
                            <div class="navbar-header">
                                <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsand other
content for toggling -->
                                example-navbar-collapse-1">

```

```

Toggle navigation</span>
</span>
</span>
</span>
<button>
<h1><a class="navbar-brand"
 href="index.html">RTSMS</a></h1>
</div>
<!-- Collect the nav links, forms,
<div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
<ul class="nav navbar-nav ">
<li><a class=" active"
 href="loginsuccessadmin.jsp">Home</a></li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Attendance<b
 class="caret"></b></a>
<ul class="dropdown-
menu agile_short_dropdown">
<li><a
 href="atthtml.jsp">Record</a></li>
<li><a
 href="attupdatehtml.jsp">Update</a></li>
<li><a
 href="attviewhtml.jsp">Check</a></li>
<li><a
 href="attdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
<ul class="dropdown-
menu agile_short_dropdown">
<li><a
 href="Tech-Support html.jsp">Record</a></li>
<li><a
 href="Tech-Support updatehtml.jsp">Update</a></li>

```

```

<li><a href="#">Tech-Support viewhtml.jsp">Check</a></li>

<li><a href="#">Tech-Support deletehtml.jsp">Delete</a></li>

</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Staff<b><span class="caret"></span></b></a>
<ul class="dropdown-menu agile_short_dropdown">
<li><a href="#">staffhtml.jsp">Record</a></li>
<li><a href="#">staffupdatehtml.jsp">Update</a></li>
<li><a href="#">staffviewhtml.jsp">Check</a></li>
<li><a href="#">staffdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Salary<b><span class="caret"></span></b></a>
<ul class="dropdownmenu agile_short_dropdown">
<li><a href="#">stsalhtml.jsp">Record</a></li>
<li><a href="#">stsalupdatehtml.jsp">Update</a></li>
<li><a href="#">stsalviewhtml.jsp">Check</a></li>
<li><a href="#">stsaldeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Expenses<b><span class="caret"></span></b></a>
<ul class="dropdownmenu agile_short_dropdown">
<li><a href="#">offexphtml.jsp">Record</a></li>
<li><a href="#">offexpupdatehtml.jsp">Update</a></li>
<li><a href="#">offexpviewhtml.jsp">Check</a></li>

```

```

<li><a href="offexpdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
    <a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Clients<b class="caret"></b></a>
    <ul class="dropdownmenu agile_short_dropdown">
        <li><a href="clienthtml.jsp">Record</a></li>
        <li><a href="clientupdatehtml.jsp">Update</a></li>
        <li><a href="clientviewhtml.jsp">Check</a></li>
        <li><a href="clientdeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li><a href="loginpage.jsp">Logout</a></li>
    </ul>
</div>
<div class="search-box">
    <div id="sb-search" class="sb-search">
        <form>
            <input class="sb-search-input" placeholder="Enter your search term..." type="search" name="search" id="search">
            <input class="sb-search-submit" type="submit" value="">
            <span class="sb-icon-search"></span>
        </form>
    </div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script src="js/classie.js"></script>
<script src="js/uisearch.js"></script>
<script>
    new UISearch(
        document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

```

```

<!-- banner -->
<div class="w3l-banner">
<legend>

<P STYLE="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue"
>Staff Record Entry</hr></P>

</legend>
<label>STAFF ID</label><br/><input type="text" name="i1" required placeholder="STAFF
ID"/><br/>
<label>STAFF NAME<br/></label><br/><input type="text" name="i2" required
placeholder="STAFF NAME"/><br/>
<label>STAFF ADDRESS<br/></label><br/><input type="text" name="i3" required
placeholder="STAFF ADDRESS"/><br/>
<label>STAFF PHONE NO.<br/></label><br/><input type="text" name="i4" required
placeholder="STAFF NO"/><br/>
<label>STAFF DESIGNATION<br/></label><br/><input type="text" name="i5" required
placeholder="DESIGNATION"/><br/>
<label>STAFF SALLARY<br/></label><br/><input type="text" name="i6" required
placeholder="SALLARY"/><br/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit"
value="submit"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset"
value="cancel"/>

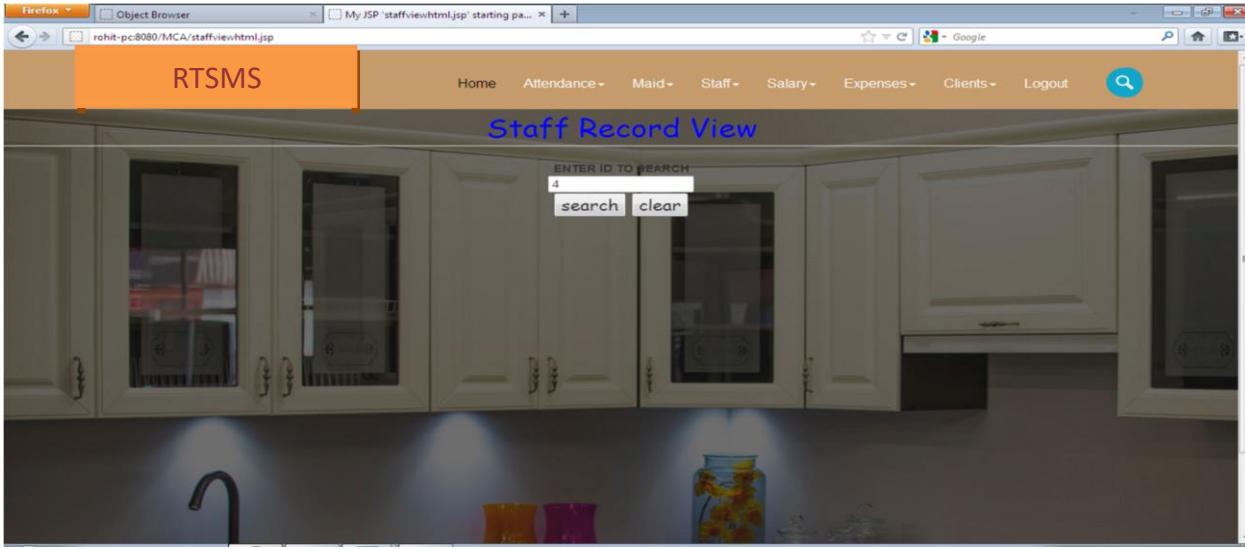
</center>
</form>

</body>

</html>

```

### STAFFRECORDCHECK.JSP



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort ()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"> <html>
<head>
<base href="<%basePath%>">

<title>My JSP 'staffviewhtml.jsp' starting page</title>

<meta http-equiv="pragma" content="no-cache">
<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
-->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
<!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
    <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
        <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
            <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
        <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">

```

```

<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css"> <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css"> <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
<script defer src="js/jquery.flexslider.js"></script>
<script type="text/javascript">
$(window).load(function() {
    $('.flexslider').flexslider({ animation:
    "slide", start: function(slider) {
        $('body').removeClass('loading');
    });
});
</script>
<!--End-slider-script-->

</head>

<body>
<form name="staffview" action="staffviewdisplay.jsp">
<center>
<!-- Header -->
<div class="header">
    <!-- Top-Bar -->
    <div class="top-bar">
        <div class="container">
            <div class="header-nav">
                <nav class="navbar navbar-default"> <!-- Brand and toggle get grouped for
better mobile display -->
                    <div class="navbar-header">
                        <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsexample-navbar-
collapse-1">
                            navigation</span>
                            <span class="sr-only">Toggle
                            <span class="iconbar"></span>
                            <span class="iconbar"></span>
                            <span class="iconbar"></span>
                        </button>
                        <h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
                    </div>
                    <!-- Collect the nav links, forms, and other
content for toggling -->
                    <div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">

```

```

                <ul class="nav navbar-nav ">
            <li><a class=" active"
href="loginsuccessadmin.jsp">Home</a></li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle"
data-toggle="dropdown" ariaexpanded="false">Attendance<b class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a
href="atthtml.jsp">Record</a></li>
                        <li><a
href="attupdatehtml.jsp">Update</a></li>
                        <li><a
href="attviewhtml.jsp">Check</a></li>
                        <li><a
href="attdeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle"
data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a
href="Tech-Support html.jsp">Record</a></li>
                        <li><a
href="Tech-Support updatehtml.jsp">Update</a></li>
                        <li><a
href="Tech-Support viewhtml.jsp">Check</a></li>
                        <li><a href="#" hrefi="Tech-
Support deletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle"
data-toggle="dropdown" aria-expanded="false">Staff<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a
href="staffhtml.jsp">Record</a></li>
                        <li><a
href="staffupdatehtml.jsp">Update</a></li>
                        <li><a
href="staffviewhtml.jsp">Check</a></li>
                        <li><a
href="staffdeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle"
data-toggle="dropdown" aria-expanded="false">Salary<b
class="caret"></b></a>
                    <ul class="dropdown-
menu agile_short_dropdown">

```

```

                <li><a href="#">Record</a></li>
                <li><a href="#">Update</a></li>
                <li><a href="#">Check</a></li>
                <li><a href="#">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#">
                Expenses<b class="caret"></b></a>
            <ul class="dropdown-menu agile_short_dropdown">
                <li><a href="#">Record</a></li>
                <li><a href="#">Update</a></li>
                <li><a href="#">Check</a></li>
                <li><a href="#">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#">
                Clients<b class="caret"></b></a>
            <ul class="dropdownmenu agile_short_dropdown">
                <li><a href="#">Record</a></li>
                <li><a href="#">Update</a></li>
                <li><a href="#">Check</a></li>
                <li><a href="#">Delete</a></li>
            </ul>
        </li>
        <li><a href="#">Logout</a></li>
    </ul>
    <div class="search-box">
        <div id="sb-search" class="sb-search">
            <form>
                <input class="sb-search-input" placeholder="Enter your search term..." type="search" name="search" id="search">
                <input class="sb-search-submit" type="submit" value="">
            </form>
        </div>
    </div>

```

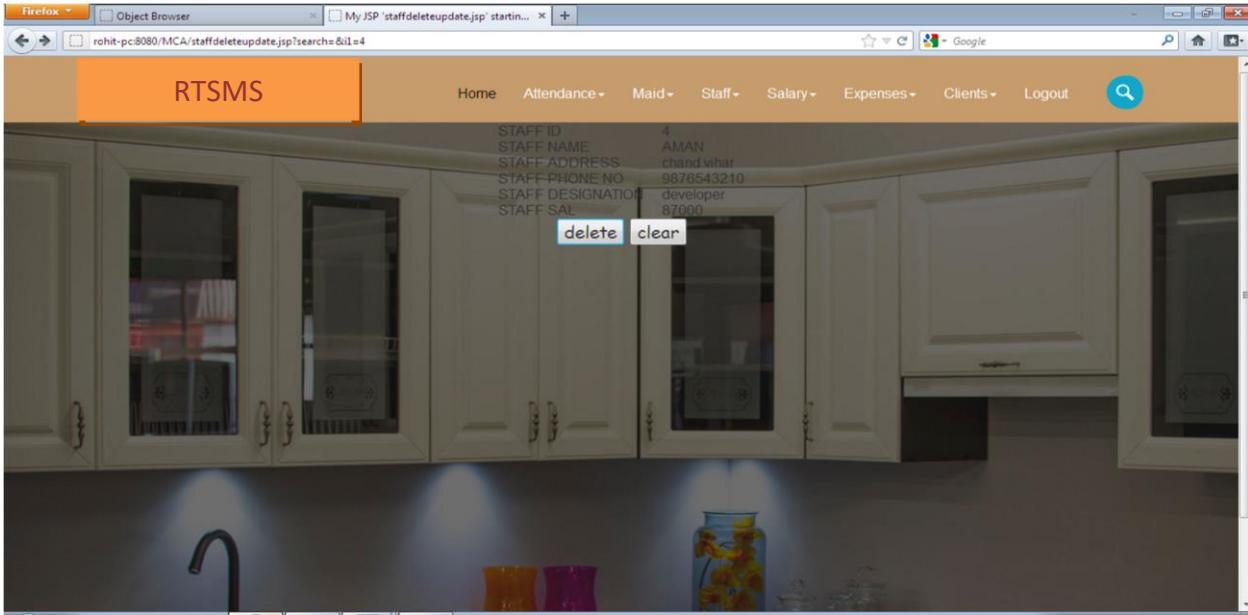
```

                </div>
            </div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
                <script>
                    new UISearch(
document.getElementById( 'sb-search' ) );
                </script>
                <!-- //search-scripts -->
            </nav>
        </div>
    </div>
    <!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<legend>
    <p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">Staff Record View<hr></p>
</legend>
<label>ENTER ID TO SEARCH</label><br/><input type="text" name="i1" required
placeholder="STAFF ID"/><br/>
<input style="font-family: Comic Sans MS; font-size:20px" type="submit" value="search"/>
<input style="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>
</center>
</form>
</body>

</html>
```

### STAFFDELETEDATA.JSP



```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort () +path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<base href="<%basePath%>">

<title>My JSP 'staffdeleteupdate.jsp' starting page</title>

<meta http-equiv="pragma" content="no-cache">
<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
-->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
<!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
    <meta http-equiv="Content-Type" content="text/html; charset=utf8">
    <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
    <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
```

```

<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
        href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
        type="text/css">           <link rel="stylesheet"
        href="//fonts.googleapis.com/css?family=Montserrat:400,700"
        type="text/css">           <!-- //Web-Fonts -->
        <!-- Default-JavaScript-File -->
        <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
        <script type="text/javascript" src="js/bootstrap.min.js"></script>
        <!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function(){
            $('.flexslider').flexslider({
                animation: "slide",
                start: 0
            });
        });
    </script>
<!--End-slider-script-->

</head>

```

```

<%@page import="java.sql.*" %>
<body>
<!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
                        <nav class="navbar navbar-default">          <!-- Brand and toggle get grouped for
better mobile display -->
                            <div class="navbar-header">
                                <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bscollapse nav-will"
id="bs-example-navbar-collapse-1">
example-navbar-collapse-1">
                                    <span class="sr-
only">Toggle navigation</span>
                                    <span class="icon-
bar"></span>
                                    <span class="icon-
bar"></span>
                                    <span class="icon-
bar"></span>

```

```

        </button>
        <h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
        </div>
        <!-- Collect the nav links, forms,
and other content for toggling -->
        <div class="collapse navbar-
                    <ul class="nav navbar-nav ">
<li><a class=" active"
href="loginsuccessadmin.jsp">Home</a></li>
                    <li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Attendance<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
<li><a href="atthtml.jsp">Record</a></li>
<li><a href="attupdatehtml.jsp">Update</a></li>
<li><a href="attviewhtml.jsp">Check</a></li>
<li><a href="attdeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
<li><a href="Tech-Support html.jsp">Record</a></li>
<li><a href="Tech-Support updatehtml.jsp">Update</a></li>
<li><a href="Tech-Support viewhtml.jsp">Check</a></li>
<li><a href="Tech-Support deletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
<a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Staff<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
<li><a href="staffhtml.jsp">Record</a></li>
<li><a href="staffupdatehtml.jsp">Update</a></li>
                    </ul>
                </li>
            </ul>
        </div>
    </div>

```

```

Check</li>
Delete</li>

```

- <li><a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Salary<b class="caret"></b></a>
  - <ul class="dropdown-menu agile\_short\_dropdown">
  - <li><a href="stsalhtml.jsp">Record</a></li>
  - <li><a href="stsalupdatehtml.jsp">Update</a></li>
  - <li><a href="stsalviewhtml.jsp">Check</a></li>
  - <li><a href="stsaldeletehtml.jsp">Delete</a></li>

```

Expenses<b class="caret"></b></a>


```

- <ul class="dropdown-menu agile\_short\_dropdown">
- <li><a href="offexphtml.jsp">Record</a></li>
- <li><a href="offexpupdatehtml.jsp">Update</a></li>
- <li><a href="offexpviewhtml.jsp">Check</a></li>
- <li><a href="offexpdeletehtml.jsp">Delete</a></li>

```

Clients<b class="caret"></b></a>


```

- <ul class="dropdown-menu agile\_short\_dropdown">
- <li><a href="clienthtml.jsp">Record</a></li>
- <li><a href="clientupdatehtml.jsp">Update</a></li>
- <li><a href="clientviewhtml.jsp">Check</a></li>
- <li><a href="clientdeletehtml.jsp">Delete</a></li>

```

Logout</li>

```

```

        </ul>
        <div class="search-box">
            <div id="sb-search" class="sb-search">
                <form>
                    <input
                        class="sb-search-input" placeholder="Enter your search term..." type="search"
                        name="search" id="search">
                    <input
                        class="sb-search-submit" type="submit" value="">
                    <span
                        class="sb-icon-search"> </span>
                </form>
            </div>
        </div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
    src="js/classie.js"></script>
<script
    src="js/uisearch.js"></script>
<script>
    <script>
        new UISearch(
            document.getElementById( 'sb-search' ) );
    </script>
    <!-- //search-scripts -->
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<% try{
String sid=request.getParameter("i1").trim();
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance(); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("select * from staff where sid=?");
ps.setString(1,sid);
ResultSet rs=ps.executeQuery(); if(rs.next())
{
session.setAttribute("i1",sid);
%>
<form name="frm2" action="staffdeleteaction.jsp" method="post">
<center>
<table>
<tr>
<td>
STAFF ID &nbsp&nbsp&nbsp&nbsp
</td>

```

```

<td>
<%out.println(rs.getString(1)); %>
</td>
</tr>
<tr>
<td>
STAFF NAME &nbspp&nbspp&nbspp&nbspp
</td>
<td>
<%out.println(rs.getString(2)); %>
</td>
</tr>
<tr>
<td>
STAFF ADDRESS &nbspp&nbspp&nbspp&nbspp
</td>
<td>
<%out.println(rs.getString(3)); %>
</td>
</tr>
<tr>
<td>
STAFF PHONE NO &nbspp&nbspp&nbspp&nbspp
</td>
<td>
<%out.println(rs.getString(4)); %>
</td>
</tr>
<tr>
<td>
STAFF DESIGNATION &nbspp&nbspp&nbspp&nbspp
</td>
<td>
<%out.println(rs.getString(5)); %>
</td>
</tr>
<tr>
<td>
STAFF SAL &nbspp&nbspp&nbspp&nbspp
</td>
<td>
<%out.println(rs.getString(6)); %>
</td>
</tr>

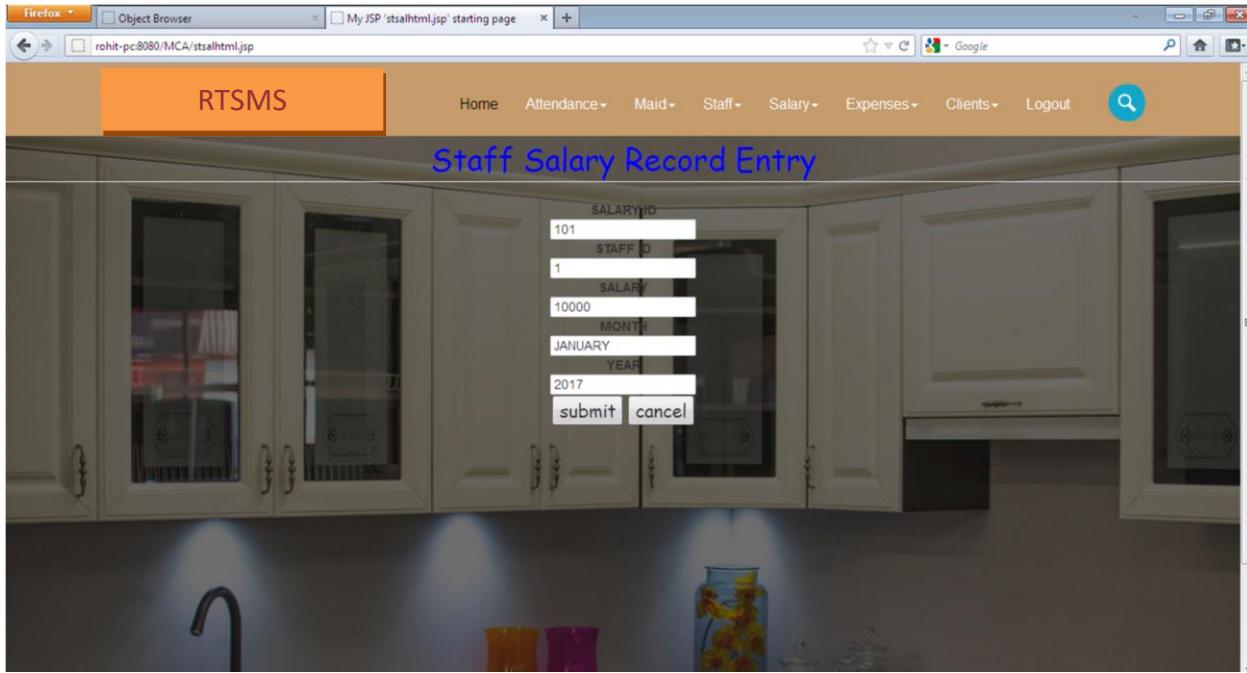
</table>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit" value="delete"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>
</center>
</form>
<% } else {
out.println("record is not found");
} }
catch(Exception e)
{
out.println(e);
}

```

```
%>  
</body>
```

```
</html>
```

## STAFFSALARYRECORD.JSP



```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>  
<%  
String path = request.getContextPath(); String basePath  
=  
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()  
+path+"/";  
%>  
  
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">  
<html>  
  <head>  
    <base href="<%basePath%>">  
  
    <title>My JSP 'stsalhtml.jsp' starting page</title>  
  
    <meta http-equiv="pragma" content="no-cache">  
    <meta http-equiv="cache-control" content="no-cache">  
    <meta http-equiv="expires" content="0">  
    <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">  
    <meta http-equiv="description" content="This is my page">  
    <!--  
    <link rel="stylesheet" type="text/css" href="styles.css">  
    -->  
    <title>Stylewell an Interior Category Flat Bootstrap Responsive Website  
Template | Home :: W3layouts</title>  
    <!-- Meta-Tags -->  
    <meta name="viewport" content="width=device-width, initialscale=1">  
    <meta http-equiv="Content-Type" content="text/html; charset=utf-
```

```

8">
    <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
        <script type="application/x-javascript"> addEventListener("load",
function() { setTimeout(hideURLbar, 0); }, false); function hideURLbar(){
window.scrollTo(0,1); } </script>  <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
    type="text/css">      <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
    type="text/css">      <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function() {
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider) {
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!--End-slider-script-->

</head>
<body>
    <form name="frm" action="stsalinsert.jsp">
        <center>
<!-- Header -->
        <div class="header">
            <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
                        <nav class="navbar navbar-default">          <!-- Brand and toggle get grouped for
better mobile display -->
                            <div class="navbar-header">
                                <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-
collapse-1">
                                    <span class="sr-
only">Toggle navigation</span>
                                <span class="iconbar"></span>
                                <span class="iconbar"></span>

```

```

        <span class="iconbar"></span>
    </button>
    <h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
    </div>
    <!-- Collect the nav links, forms, and other
content for toggling -->
    <div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
        <ul class="nav navbar-nav ">
            <li><a class=" active"
href="loginsuccessadmin.jsp">Home</a></li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Attendance<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a href="atthtml.jsp">Record</a></li>
                        <li><a href="attupdatehtml.jsp">Update</a></li>
                        <li><a href="attviewhtml.jsp">Check</a></li>
                        <li><a href="attdeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a href="Tech-Support html.jsp">Record</a></li>
                        <li><a href="Tech-Support updatehtml.jsp">Update</a></li>
                        <li><a href="Tech-Support viewhtml.jsp">Check</a></li>
                        <li><a href="Tech-Support deletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Staff<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                        <li><a href="staffhtml.jsp">Record</a></li>
                        <li><a href="staffupdatehtml.jsp">Update</a></li>
                        <li><a href="staffviewhtml.jsp">Check</a></li>

```

```

            <li><a href="#"><b>Delete</b></a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">Salary<b>
class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false"><b>
class="caret"></b></a>
<ul class="dropdownmenu agile_short_dropdown">
            <li><a href="stsalhtml.jsp">Record</a></li>
            <li><a href="stsalupdatehtml.jsp">Update</a></li>
            <li><a href="stsalviewhtml.jsp">Check</a></li>
            <li><a href="stsaldeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">Expenses<b>
class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false"><b>
class="caret"></b></a>
<ul class="dropdownmenu agile_short_dropdown">
            <li><a href="offexphtml.jsp">Record</a></li>
            <li><a href="offexpupdatehtml.jsp">Update</a></li>
            <li><a href="offexpviewhtml.jsp">Check</a></li>
            <li><a href="offexpdeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">Clients<b class="caret"></b></a>
        <ul class="dropdown-menu agile_short_dropdown">
            <li><a href="clienthtml.jsp">Record</a></li>
            <li><a href="clientupdatehtml.jsp">Update</a></li>
            <li><a href="clientviewhtml.jsp">Check</a></li>
            <li><a href="clientdeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li><a href="loginpage.jsp">Logout</a></li>

```

```

        <div class="search-box">
<div id="sb-search" class="sb-search">
    <form>
        <input
class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">
        <input
class="sb-search-submit" type="submit" value="">
    </form>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>
    new UISearch(
document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<legend>
<p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">Staff Salary Record Entry</p>
</legend>
<label>SALARY ID</label><br/><input type="text" name="i1" required placeholder="SALARY ID"/><br/>
<label>STAFF ID</label><br/><br/><input type="text" name="i2" required placeholder="STAFF ID"/><br/>
<label>SALARY</label><br/><input type="text" name="i3" required placeholder="SALARY"/><br/>
<label>MONTH</label><br/><br/><input type="text" name="i4" required placeholder="MONTH"/><br/>
<label>YEAR</label><br/><br/><input type="text" name="i5" required placeholder="YEAR"/><br/>
<input style="font-family: Comic Sans MS; font-size:20px" type="submit" value="submit"/>
<input style="font-family: Comic Sans MS; font-size:20px" type="reset" value="cancel"/>

```

```
</center>
</form>
```

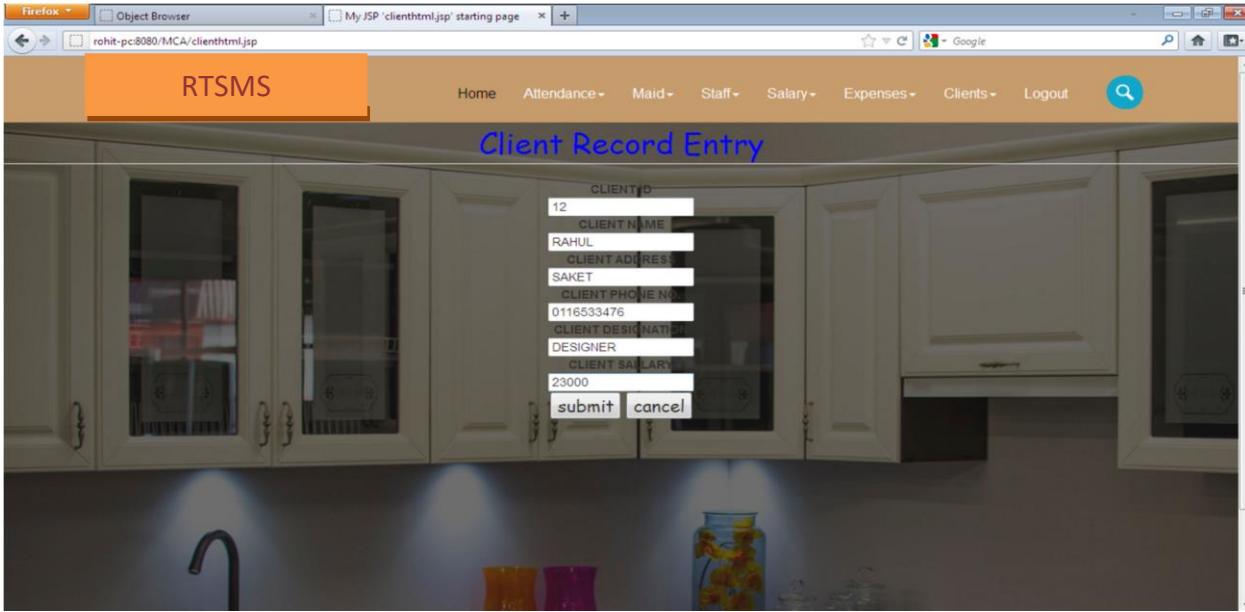
```
</body>
```

```
</html>
```

```
%>
</body>
```

```
</html>
```

## **CLIENTRECORD.JSP**



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
    <head>
        <base href="<%basePath%>">

        <title>My JSP 'clienthtml.jsp' starting page</title>

        <meta http-equiv="pragma" content="no-cache">
        <meta http-equiv="cache-control" content="no-cache">
        <meta http-equiv="expires" content="0">
        <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
        <meta http-equiv="description" content="This is my page">
        <!--
        <link rel="stylesheet" type="text/css" href="styles.css">
        -->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
        <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
            <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
                <script type="application/x-javascript"> addEventListener("load",

```

```

function() { setTimeout(hideURLbar, 0); }, false); function hideURLbar(){
window.scrollTo(0,1); } </script> <!-- //Meta-Tags -->
<!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css"> <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css"> <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
<script defer src="js/jquery.flexslider.js"></script>
<script type="text/javascript">
$(window).load(function(){
$('.flexslider').flexslider({ animation:
"slide", start: function(slider){
$(body).removeClass('loading');
}
});
}); </script>
<!--End-slider-script-->

</head>

<body>
<form name="frm" action="clientinsert.jsp">
<center>
<!-- Header -->
<div class="header">
<!-- Top-Bar -->
<div class="top-bar">
<div class="container">
<div class="header-nav">
<nav class="navbar navbar-default"> <!-- Brand and toggle get grouped for
better mobile display -->
<div class="navbar-header">
<button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsexample-navbar-
collapse-1">
only>Toggle navigation</span>
<span class="sr-
<span class="iconbar"></span>
<span class="iconbar"></span>
<span class="iconbar"></span>
</button>
<h1><a class="navbar-brand"
href="index.html">RTSMS</a></h1>
</div>

```

```

        <!-- Collect the nav links, forms, and other
content for toggling -->
<div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
    <ul class="nav navbar-nav ">
        <li><a class=" active"
href="loginsuccessadmin.jsp">Home</a></li>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Attendance<b
class="caret"></b></a>
            <ul class="dropdownmenu agile_short_dropdown">
                <li><a href="atthtml.jsp">Record</a></li>
                <li><a href="attupdatehtml.jsp">Update</a></li>
                <li><a href="attviewhtml.jsp">Check</a></li>
                <li><a href="attdeletehtml.jsp">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Tech-
Support <b class="caret"></b></a>
            <ul class="dropdownmenu agile_short_dropdown">
                <li><a href="Tech-Support html.jsp">Record</a></li>
                <li><a href="Tech-Support updatehtml.jsp">Update</a></li>
                <li><a href="Tech-Support viewhtml.jsp">Check</a></li>
                <li><a href="Tech-Support deletehtml.jsp">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Staff<b
class="caret"></b></a>
            <ul class="dropdownmenu agile_short_dropdown">
                <li><a href="staffhtml.jsp">Record</a></li>
                <li><a href="staffupdatehtml.jsp">Update</a></li>
                <li><a href="staffviewhtml.jsp">Check</a></li>
                <li><a href="staffdeletehtml.jsp">Delete</a></li>
            </ul>
        </li>
    </ul>
</div>

```

```

<li class="dropdown">
    <a href="#">Salary<b class="caret"></b></a>
        <ul class="dropdownmenu agile_short_dropdown">
            <li><a href="stsalhtml.jsp">Record</a></li>
            <li><a href="stsalupdatehtml.jsp">Update</a></li>
            <li><a href="stsalviewhtml.jsp">Check</a></li>
            <li><a href="stsaldeletehtml.jsp">Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">Expenses<b class="caret"></b></a>
        <ul class="dropdownmenu agile_short_dropdown">
            <li><a href="offexphtml.jsp">Record</a></li>
            <li><a href="offexpupdatehtml.jsp">Update</a></li>
            <li><a href="offexpviewhtml.jsp">Check</a></li>
                <li><a href="offexpdeletehtml.jsp">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#">Clients<b class="caret"></b></a>
            <ul class="dropdown-menu agile_short_dropdown">
                <li><a href="clienthtml.jsp">Record</a></li>
                <li><a href="clientupdatehtml.jsp">Update</a></li>
                <li><a href="clientviewhtml.jsp">Check</a></li>
                <li><a href="clientdeletehtml.jsp">Delete</a></li>
            </ul>
        </li>
        <li><a href="loginpage.jsp">Logout</a></li>
    </ul>
    <div class="search-box">
        <div id="sb-search" class="sb-search">
            <form>
                <input

```

```

class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">
</span>
</form>
</div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>
    new UISearch(
document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<legend>
<p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">Client Record Entry</p>
</legend>
<label>CLIENT ID</label><br/><input type="text" name="i1" required placeholder="CLIENT ID"/><br/>
<label>CLIENT NAME</label><br/><br/><input type="text" name="i2" required placeholder="CLIENT NAME"/><br/>
<label>CLIENT ADDRESS</label><br/><br/><input type="text" name="i3" required placeholder="CLIENT ADDRESS"/><br/>
<label>CLIENT PHONE NO.</label><br/><br/><input type="text" name="i4" required placeholder="PHONE NO"/><br/>
<label>CLIENT DESIGNATION</label><br/><br/><input type="text" name="i5" required placeholder="DESIGNATION"/><br/>
<label>CLIENT SALLARY</label><br/><br/><input type="text" name="i6" required placeholder="SALLARY"/><br/>
<input style="font-family: Comic Sans MS; font-size:20px" type="submit" value="submit"/>
<input style="font-family: Comic Sans MS; font-size:20px" type="reset" value="cancel"/>

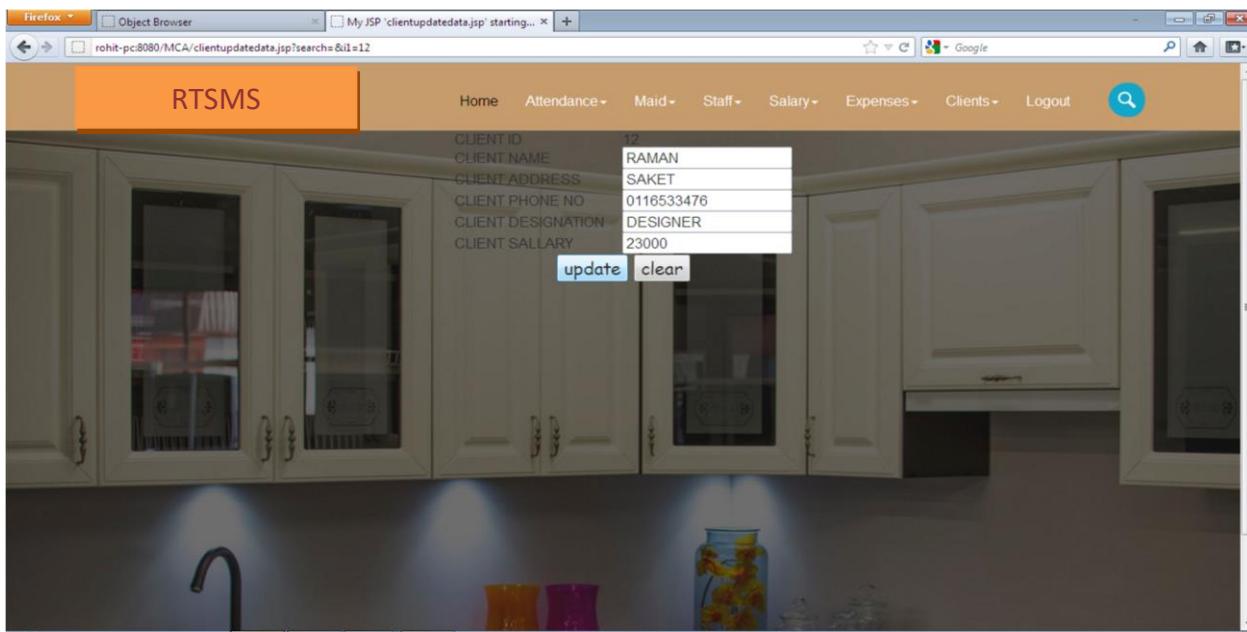
```

```

        </center>
        </form>

    </body>
</html>
```

### CLIENTUPDATE.JSP



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
    <head>
        <base href="<%basePath%>">

        <title>My JSP 'clientupdatedata.jsp' starting page</title>

        <meta http-equiv="pragma" content="no-cache">
        <meta http-equiv="cache-control" content="no-cache">
        <meta http-equiv="expires" content="0">
            <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
        <meta http-equiv="description" content="This is my page">
        <!--
        <link rel="stylesheet" type="text/css" href="styles.css">
        -->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
```

```

<meta name="viewport" content="width=device-width, initialscale=1">
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8">
        <meta name="keywords" content="Stylewell a Responsive Web Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia, Samsung, LG, Sony Ericsson, Motorola Web Design">
            <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
        <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

        <!-- //Custom-Theme-Files -->
        <!-- Web-Fonts -->
        <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css">           <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">           <!-- //Web-Fonts -->
        <!-- Default-JavaScript-File -->
        <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
        <script type="text/javascript" src="js/bootstrap.min.js"></script>      <!--
FlexSlider-->
        <link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
            <script defer src="js/jquery.flexslider.js"></script>
            <script type="text/javascript">
                $(window).load(function(){
                    $('.flexslider').flexslider({
                        animation:
                        "slide",
                        start: function(slider){
                            $('body').removeClass('loading');
                        }
                    });
                });
            </script>
<!--End-slider-script-->

</head>

<%@page import="java.sql.*" %>
<body>

<!-- Header -->
    <div class="header">
        <!-- Top-Bar -->
            <div class="top-bar">
                <div class="container">
                    <div class="header-nav">
                        <nav class="navbar navbar-default">          <!-- Brand and toggle get grouped for
better mobile display -->
                            <div class="navbar-header">
                                <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsand other
content for toggling -->

```

```

example-navbar-collapse-1">
    <span class="sr-only">Toggle navigation</span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
    <span class="icon-bar"></span>
</button>
<h1><a class="navbar-brand" href="index.html">RTSMS</a></h1>
</div>

<div class="collapse navbar-collapse nav-wil" id="bs-example-navbar-collapse-1">
    <ul class="nav navbar-nav">
        <li><a class="active" href="loginsuccessadmin.jsp">Home</a></li>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Attendance<b class="caret"></b></a>
            <ul class="dropdown-menu agile_short_dropdown">
                <li><a href="atthtml.jsp">Record</a></li>
                <li><a href="attupdatehtml.jsp">Update</a></li>
                <li><a href="attrviewhtml.jsp">Check</a></li>
                <li><a href="attdeletehtml.jsp">Delete</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Tech-Support <b class="caret"></b></a>
            <ul class="dropdownmenu agile_short_dropdown">
                <li><a href="Tech-Support html.jsp">Record</a></li>
                <li><a href="Tech-Support updatehtml.jsp">Update</a></li>
                <li><a href="Tech-Support viewhtml.jsp">Check</a></li>
                <li><a href="#" class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false">Delete</a></li>
            </ul>
        </li>
    </ul>
</div>

```

```

        <li class="dropdown">
        <a href="#">Staff<b>
class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false"><b>
class="caret"></b></a>
<ul class="dropdownmenu"
agile_short_dropdown">
<li><a href="staffhtml.jsp">Record</a></li>
<li><a href="staffupdatehtml.jsp">Update</a></li>
<li><a href="staffviewhtml.jsp">Check</a></li>
<li><a href="staffdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#">Salary<b>
class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false"><b>
class="caret"></b></a>
<ul class="dropdownmenu"
agile_short_dropdown">
<li><a href="stsalhtml.jsp">Record</a></li>
<li><a href="stsalupdatehtml.jsp">Update</a></li>
<li><a href="stsalviewhtml.jsp">Check</a></li>
<li><a href="stsaldeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-
toggle="dropdown" ariaexpanded="false">Expenses<b>
class="caret"></b></a>
<ul class="dropdownmenu"
agile_short_dropdown">
<li><a href="offexphtml.jsp">Record</a></li>
<li><a href="offexpupdatehtml.jsp">Update</a></li>
<li><a href="offexpviewhtml.jsp">Check</a></li>
<li><a href="offexpdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li class="dropdown">
<a href="#" class="dropdown-toggle" data-
toggle="dropdown" ariaexpanded="false">Clients<b>
class="caret"></b></a>
<ul class="dropdown-
menu agile_short_dropdown">
<li><a href="clienthtml.jsp">Record</a></li>
<li><a href="clientupdatehtml.jsp">Update</a></li>

```

```

<li><a href="clientviewhtml.jsp">Check</a></li>
<li><a href="clientdeletehtml.jsp">Delete</a></li>
</ul>
</li>
<li><a href="loginpage.jsp">Logout</a></li>
</ul>
<div class="search-box">
    <div id="sb-search" class="sb-search">
        <form>
            <input class="sb-search-input" placeholder="Enter your search term..." type="search" name="search" id="search">
            <input class="sb-search-submit" type="submit" value="">
            <span class="sb-icon-search"> </span>
        </form>
    </div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script src="js/classie.js"></script>
<script src="js/uisearch.js"></script>
<script>
    new UISearch(
        document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<div class="container">
<div class="row">
<% try{
String cid=request.getParameter("id").trim();
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance(); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("select * from client where cid=?");
ps.setString(1,cid);

```

```

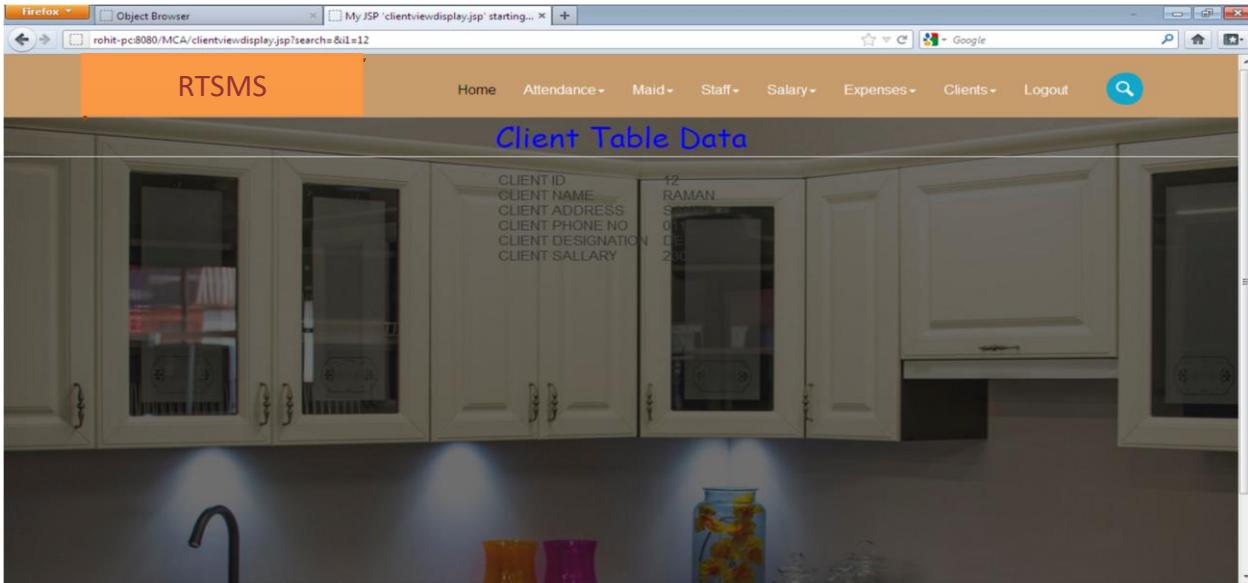
ResultSet rs=ps.executeQuery(); if(rs.next())
{
session.setAttribute("i1",cid);
%>
<form name="frm2" action="clientupdateaction.jsp" method="post">
<center>
<table>
<tr><td>CLIENT ID &nbsp&nbsp&nbsp&nbsp</td><td>
<%
out.println(rs.getString(1));
%>
</td></tr>
<tr><td>CLIENT NAME &nbsp&nbsp&nbsp&nbsp</td><td><input type="text" name="i2"
value="<%out.println(rs.getString(2).trim()); %>"></td></tr> <tr><td>CLIENT ADDRESS
&nbsp&nbsp&nbsp&nbsp</td><td><input type="text" name="i3"
value="<%out.println(rs.getString(3).trim()); %>"></td></tr> <tr><td>CLIENT PHONE NO
&nbsp&nbsp&nbsp&nbsp</td><td><input type="text" name="i4"
value="<%out.println(rs.getString(4).trim()); %>"></td></tr> <tr><td>CLIENT DESIGNATION
&nbsp&nbsp&nbsp&nbsp</td><td><input type="text" name="i5"
value="<%out.println(rs.getString(5).trim()); %>"></td></tr> <tr><td>CLIENT SALLARY
&nbsp&nbsp&nbsp&nbsp</td><td><input type="text" name="i6"
value="<%out.println(rs.getString(6).trim()); %>"></td></tr>

</table>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit" value="update"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>
</center>
</form>
<% } else {
out.println("record is not found");
} }
catch(Exception e)
{
out.println(e);
}
%>
</div>
</div>
</body>

</html>

```

## CLIENTVIEW.JSP



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<head>
<base href="<%=basePath%>">

<title>My JSP 'clientviewdisplay.jsp' starting page</title>

<meta http-equiv="pragma" content="no-cache">
<meta http-equiv="cache-control" content="no-cache">
<meta http-equiv="expires" content="0">
<meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
<meta http-equiv="description" content="This is my page">
<!--
<link rel="stylesheet" type="text/css" href="styles.css">
-->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
<!-- Meta-Tags -->
<meta name="viewport" content="width=device-width, initialscale=1">
<meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
<meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web Template,
Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
<script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script> <!-- //Meta-Tags -->

```

```

<!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
<link rel="stylesheet" href="css/style.css" type="text/css" media="all">
<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css"> <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css"> <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
<script defer src="js/jquery.flexslider.js"></script>
<script type="text/javascript">
$(window).load(function() {
    $('.flexslider').flexslider({
        animation: "slide",
        start: function(slider) {
            $('body').removeClass('loading');
        }
    });
}) ;
</script>
<!--End-slider-script-->

</head>

<%@page import="java.sql.*" %>
<body>
<!-- Header -->
<div class="header">
    <!-- Top-Bar -->
    <div class="top-bar">
        <div class="container">
            <div class="header-nav">
                <nav class="navbar navbar-default"> <!-- Brand and toggle get grouped for better mobile display -->
                    <div class="navbar-header">
                        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bsexample-navbar-collapse-1">
                            <span class="sr-only">Toggle navigation</span>
                            <span class="icon-bar"></span>
                            <span class="icon-bar"></span>
                            <span class="icon-bar"></span>
                        </button>
                    </div>

```

```

        <h1><a class="navbar-brand">
RTSMS</a></h1>
        </div>
        <!-- Collect the nav links, forms,
and other content for toggling -->
        <div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
            <ul class="nav navbar-nav ">
                <li><a class=" active"
Home</a></li>
                    <li class="dropdown">
                        <a href="#">
                            <b class="caret"></b></a>
                            Attendance<b
class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false"><b>
                            <ul class="dropdown-
menu agile_short_dropdown">
                                <li><a
Record</a></li>
                                <li><a
Update</a></li>
                                <li><a
Check</a></li>
                                <li><a
Delete</a></li>
                            </ul>
                        </li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#">
                        <b class="caret"></b></a>
                        Tech-
Support <b class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false"><b>
                        <ul class="dropdown-
menu agile_short_dropdown">
                            <li><a
Record</a></li>
                            <li><a
Update</a></li>
                            <li><a
Check</a></li>
                            <li><a href="#" hrefi="Tech-
Support deletehtml.jsp">Delete</a></li>
                        </ul>
                    </li>
                </ul>
            </li>
            <li class="dropdown">
                <a href="#">
                    <b class="caret"></b></a>
                    Staff<b
class="dropdown-toggle" data-toggle="dropdown" aria-expanded="false"><b>
                    <ul class="dropdown-
menu agile_short_dropdown">

```

```

            <li><a
        href="staffhtml.jsp">Record</a></li>
            <li><a
        href="staffupdatehtml.jsp">Update</a></li>
            <li><a
        href="staffviewhtml.jsp">Check</a></li>
            <li><a
        href="staffdeletehtml.jsp">Delete</a></li>
                </ul>
            </li>
            <li class="dropdown">
                <a href="#">Salary<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                <li><a
        href="stsalhtml.jsp">Record</a></li>
                <li><a
        href="stsalupdatehtml.jsp">Update</a></li>
                <li><a
        href="stsalviewhtml.jsp">Check</a></li>
                <li><a
        href="stsaldeletehtml.jsp">Delete</a></li>
                    </ul>
            </li>
            <li class="dropdown">
                <a href="#">Expenses<b
class="caret"></b></a>
                    <ul class="dropdownmenu
agile_short_dropdown">
                <li><a
        href="offexphtml.jsp">Record</a></li>
                <li><a
        href="offexpupdatehtml.jsp">Update</a></li>
                <li><a
        href="offexpviewhtml.jsp">Check</a></li>
                <li><a
        href="offexpdeletehtml.jsp">Delete</a></li>
                    </ul>
            </li>
            <li class="dropdown">
                <a href="#">Clients<b
class="caret"></b></a>
                    <ul class="dropdown-
menu agile_short_dropdown">
                <li><a
        href="clienthtml.jsp">Record</a></li>
                <li><a
        href="clientupdatehtml.jsp">Update</a></li>

```

```

        <li><a href="clientviewhtml.jsp">Check</a></li>
        <li><a href="clientdeletehtml.jsp">Delete</a></li>
    </ul>
</li>
<li><a href="loginpage.jsp">Logout</a></li>
</ul>
<div class="search-box">
    <div id="sb-search"
class="sb-search">
        <form>
            <input
class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">
            <input
class="sb-search-submit" type="submit" value="">
                <span class="sb-icon-search"> </span>
        </form>
    </div>
</div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>
    new UISearch(
document.getElementById( 'sb-search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
</div>
<!-- //Top-Bar -->
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<% try{
String cid=request.getParameter("id").trim();
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance(); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("select * from client where cid=?");
ps.setString(1,cid);
ResultSet rs=ps.executeQuery(); if(rs.next())
{
```

```

%>
<form name="frm2" method="post">
<center>
<legend>
<p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">Client Table Data</p>
</legend>

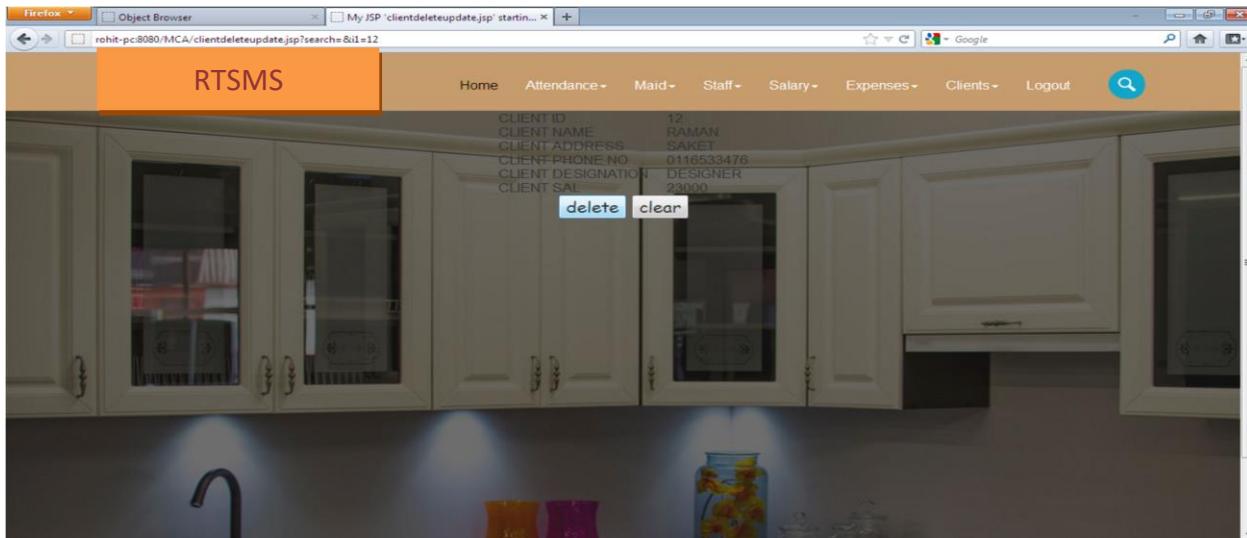
<table>
<tr>
<td>CLIENT ID</td><td>&nbsp;&nbsp;&nbsp;&nbsp;<%out.println(rs.getString(1)); %></td>
</tr>
<tr>
<td>CLIENT NAME</td><td>&nbsp;&nbsp;&nbsp;&nbsp;<%out.println(rs.getString(2)); %></td>
</tr>
<tr>
<td>CLIENT ADDRESS</td><td>&nbsp;&nbsp;&nbsp;&nbsp;<%out.println(rs.getString(3)); %></td>
</tr>
<tr>
<td>CLIENT PHONE NO</td><td>&nbsp;&nbsp;&nbsp;&nbsp;<%out.println(rs.getString(4)); %></td>
</tr>
<tr>
<td>CLIENT DESIGNATION</td><td>&nbsp;&nbsp;&nbsp;&nbsp;<%out.println(rs.getString(5)); %></td>
</tr>
<tr>
<td>CLIENT SALARY</td><td>&nbsp;&nbsp;&nbsp;&nbsp;<%out.println(rs.getString(6)); %></td>
</tr>

</table>
</center>
</form>
<% } else {
out.println("record is not found");
} }
catch(Exception e)
{
out.println(e);
}
%>
</body>

</html>

```

## CLIENTDELETE.JSP



```

<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%> <%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <base href="<%basePath%>">
  </head>
  <title>My JSP 'clientdeleteupdate.jsp' starting page</title>

  <meta http-equiv="pragma" content="no-cache">
  <meta http-equiv="cache-control" content="no-cache">
  <meta http-equiv="expires" content="0">
  <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
  <meta http-equiv="description" content="This is my page">
  <!--
    <link rel="stylesheet" type="text/css" href="styles.css">
  -->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
  <!-- Meta-Tags -->
  <meta name="viewport" content="width=device-width, initialscale=1">
  <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
    <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
      <script type="application/x-javascript"> addEventListener("load",
function() { setTimeout(hideURLbar, 0); }, false); function hideURLbar(){
window.scrollTo(0,1); } </script>  <!-- //Meta-Tags -->
  <!-- Custom-Theme-Files -->
<link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
  <link rel="stylesheet" href="css/style.css" type="text/css" media="all">

```

```

<link rel="stylesheet" href="css/font-awesome.min.css" />

<!-- //Custom-Theme-Files -->
<!-- Web-Fonts -->
<link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css"> <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css"> <!-- //Web-Fonts -->
<!-- Default-JavaScript-File -->
<script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
<script type="text/javascript" src="js/bootstrap.min.js"></script>
<!--FlexSlider-->
<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function() {
            $('.flexslider').flexslider({
                animation:
                "slide",
                start: function(slider) {
                    $('body').removeClass('loading');
                }
            });
        });
    </script>
<!End-slider-script-->

</head>

<%@page import="java.sql.*" %>
<body>
<!-- Header -->
<div class="header">
    <!-- Top-Bar -->
    <div class="top-bar">
        <div class="container">
            <div class="header-nav">
                <nav class="navbar navbar-default" style="background-color: #f8f8f8; border: none;">
                    <!-- Brand and toggle get grouped for better mobile display -->
                    <div class="navbar-header">
                        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
                            <span class="sr-only">Toggle navigation</span>
                            <span class="iconbar"></span>
                            <span class="iconbar"></span>
                            <span class="iconbar"></span>
                        </button>
                        <h1><a class="navbar-brand" href="index.html">RTSMS</a></h1>
                    </div>
                    <!-- Collect the nav links, forms, and other content for toggling -->
                    <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
                        <ul class="nav navbar-nav">
                            <li><a class="active"

```

```

Home</li>
    <li class="dropdown">
        <a href="#">Attendance<b
class="caret"></b></a>
    <ul class="dropdownmenu"
        <li><a href="atthtml.jsp">Record</a></li>
        <li><a href="attupdatehtml.jsp">Update</a></li>
        <li><a href="attviewhtml.jsp">Check</a></li>
        <li><a href="attdeletehtml.jsp">Delete</a></li>
    </ul>
</li>
    <li class="dropdown">
        <a href="#">Tech-
Support <b class="caret"></b></a>
    <ul class="dropdownmenu"
        <li><a href="Tech-Support html.jsp">Record</a></li>
        <li><a href="Tech-Support updatehtml.jsp">Update</a></li>
        <li><a href="Tech-Support viewhtml.jsp">Check</a></li>
        <li><a href="Tech-Support deletehtml.jsp">Delete</a></li>
    </ul>
</li>
    <li class="dropdown">
        <a href="#">Staff<b
class="caret"></b></a>
    <ul class="dropdownmenu"
        <li><a href="staffhtml.jsp">Record</a></li>
        <li><a href="staffupdatehtml.jsp">Update</a></li>
        <li><a href="staffviewhtml.jsp">Check</a></li>
        <li><a href="staffdeletehtml.jsp">Delete</a></li>
    </ul>
</li>
    <li class="dropdown">
        <a href="#">Salary<b
class="caret"></b></a>
    <ul class="dropdownmenu"
        <li><a href="salary.html.jsp">Record</a></li>
        <li><a href="salaryupdate.html.jsp">Update</a></li>
        <li><a href="salaryview.html.jsp">Check</a></li>
        <li><a href="salarydelete.html.jsp">Delete</a></li>
    </ul>
</li>

```

```

        <li><a
Record</a></li>
        <li><a
Update</a></li>
        <li><a
Check</a></li>
        <li><a
Delete</a></li>
        </ul>
    </li>
    <li class="dropdown">
        <a href="#">
            Expenses<b
class="caret"></b></a>
            <ul class="dropdownmenu
agile_short_dropdown">
                <li><a
Record</a></li>
                <li><a
Update</a></li>
                <li><a
Check</a></li>
                    <li><a href="offexpdeletehtml.jsp">Delete</a></li>
                    </ul>
                </li>
                <li class="dropdown">
                    <a href="#">
                        Clients<b
class="caret"></b></a>
                    <ul class="dropdown-
menu agile_short_dropdown">
                        <li><a
Record</a></li>
                        <li><a
Update</a></li>
                        <li><a
Check</a></li>
                        <li><a
Delete</a></li>
                    </ul>
                </li>
                <li><a
Logout</a></li>
            </ul>
        </li>
        <div class="search-box">
            <div id="sb-search" class="sb-search">
                <form>
                    <input
class="sb-search-input" placeholder="Enter your search term..." type="search"
name="search" id="search">
                    <input
class="sb-search-submit" type="submit" value="">
                    <span class="sb-
icon-search"> </span>
            </div>
        </div>
    </li>

```

```

                </form>
            </div>
        </div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script
            <script>
                new UISearch(
document.getElementById( 'sb-search' ) );
            </script>
            <!-- //search-scripts -->
        </nav>
    </div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

<!-- banner -->
<div class="w3l-banner">
<% try{
String cid=request.getParameter("i1").trim();
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance(); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("select * from client where cid=?");
ps.setString(1,cid);
ResultSet rs=ps.executeQuery(); if(rs.next())
{
session.setAttribute("i1",cid);

%>
<form name="frm2" action="clientdeleteaction.jsp" method="post"> <center>
<table>
<tr>
<td>
CLIENT ID  
</td>
<td>
<%out.println(rs.getString(1)); %>
</td>
</tr>
<tr>
<td>
CLIENT NAME  
</td>
<td>
<%out.println(rs.getString(2)); %>
</td>
</tr>
<tr>
<td>
```

```

CLIENT ADDRESS &nbsp&nbsp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(3)); %>
</td>
</tr>
<tr>
<td>
CLIENT PHONE NO &nbsp&nbsp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(4)); %>
</td>
</tr>
<tr>
<td>
CLIENT DESIGNATION &nbsp&nbsp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(5)); %>
</td>
</tr>
<tr>
<td>
CLIENT SAL &nbsp&nbsp&nbsp&nbsp
</td>
<td>
<%out.println(rs.getString(6)); %>
</td>
</tr>

</table>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="submit" value="delete"/>
<input STYLE="font-family: Comic Sans MS; font-size:20px" type="reset" value="clear"/>
</center>
</form>
<% } else {
out.println("record is not found");
} }
catch(Exception e)
{
out.println(e);
}
%>
</body>

</html>

```

## LOGINSUCCESSCLIENT.JSP

```

<!--
  Author: W3layouts
  Author URL: http://w3layouts.com
  License: Creative Commons Attribution 3.0 Unported
  License URL: http://creativecommons.org/licenses/by/3.0/
-->
<!DOCTYPE html>
<html>
<!-- Head -->
<head>
    <title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
        <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
            <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
            <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
    <link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800"
type="text/css">        <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">        <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
    <link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
    <script defer src="js/jquery.flexslider.js"></script>
    <script type="text/javascript">
        $(window).load(function() {
            $('.flexslider').flexslider({ animation:
"slide", start: function(slider) {
                $('body').removeClass('loading');
            }
        });
    });
    </script>
<!--End-slider-script-->

</head>
<!-- //Head -->
<!-- Body -->
<body>

```

```

<!-- Header -->
<div class="header">
    <!-- Top-Bar -->
        <div class="top-bar">
            <div class="container">
                <div class="header-nav">
                    <nav class="navbar navbar-default">           <!-- Brand and toggle get grouped for
better mobile display -->
                        <button type="button"
class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-
collapse-1">
                            <!-- Collect the nav links, forms,
and other content for toggling -->
                        <div class="collapse navbar-
collapse nav-wil" id="bs-example-navbar-collapse-1">
                            <ul class="nav navbar-nav ">
                                <li><a class="active"
href="index.jsp">Home</a></li>
                                <li class="dropdown">
                                    <a href="#">
                                        <!-- dropdown-toggle -->
                                        <!-- ariaexpanded -->
                                        profile<b class="caret"></b></a>
                                    <ul class="dropdown-
menu agile_short_dropdown">
                                        <li><a
href="Tech-Support viewhtml1.jsp">View</a></li>
                                        <li><a
href="Tech-Support updatehtml1.jsp">Update</a></li>
                                    </ul>
                                </li>
                                <li class="dropdown">
                                    <a href="#">
                                        <!-- dropdown-toggle -->
                                        <!-- ariaexpanded -->
                                        Attendance<b
class="caret"></b></a>
                                    <ul class="dropdown-
menu agile_short_dropdown">
                                        <li><a
href="atthtml1.jsp">Record</a></li>
                                        <li><a
href="attrviewhtml1.jsp">View</a></li>
                                    </ul>
                                </li>
                                <li><a
href="loginpage.jsp">Logout</a></li>
                            </ul>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

<div id="sb-search"
      class="sb-search">
      <form>
          <input
              class="sb-search-input" placeholder="Enter your search term..." type="search"
              name="search" id="search">
          <input
              class="sb-search-submit" type="submit" value="">
          <span class="sb-icon-search"> </span>
      </form>
  </div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script>
    new UISearch( document.getElementById( 'sb-
    search' ) );
</script>
<!-- //search-scripts -->
</nav>
</div>
</div>
<!-- //Top-Bar -->
</div>
<!-- //Header -->

Welcome ${name}

<!-- banner -->
<div class="w3l-banner">
    <div class="container">
        <div class="flexslider-info">
            <section class="slider">
                <div class="flexslider">
                    <ul class="slides">
                        <li>
                            <div class="w3l-info">
                                <h3
class="w3">RTSMS<span>RTSMS has been one of the pioneers in the Tech-Support
-service provider industry, set up in 2005;</span></h3>
                                </div>
                            </li>
                            <li>
                                <div class="w3l-info">
                                    <h3
class="w3">RTSMS<span>RTSMS has been one of the pioneers in the Tech-Support
-service provider industry, set up in 2005;</span></h3>
                                    </div>
                            </li>
                            <li>
                                <div class="w3l-info">

```

```

        <h3
class="w3">RTSMS<span>RTSMS has been one of the pioneers in the Tech-Support
-service provider industry, set up in 2005;</span></h3>
        </div>
        </li>
    </ul>
</div>
</section>
</div>
</div>
</div>
<!-- /banner -->

<!-- agileits -->
<div class="agileits">
<div class="container">
    <div class="col-md-5 agileits-left">
        <div class="bs-example bs-example-tabs"
role="tabpanel" data-example-id="togglable-tabs">
            <ul id="myTab" class="nav nav-tabs" role="tablist">
                <li role="presentation"><a href="#expeditions" id="expeditions-tab" role="tab" data-toggle="tab" aria-controls="expeditions" aria-expanded="true">03</a></li>
                <li role="presentation"><a href="#tours" role="tab" id="tours-tab" data-toggle="tab" aria-controls="tours">02.</a></li>
                <li role="presentation" class="active"><a href="#tree" role="tab" id="tree-tab" data-toggle="tab" aria-controls="tree">01.</a></li>
            </ul>
            <div id="myTabContent" class="tab-content">
                <div role="tabpanel" class="tab-pane fade
in active" id="expeditions" aria-labelledby="expeditions-tab">
                    <div class="tab-info">
                        <p> "RAJAN TECHSUPPORT" is an
ISO-9001-2000 certified company .It is one of the largest technical support company in
Delhi NCR. Its headquarter is situated in DELHI. It is reached out to millions of
clients since its founding in 2002. This company was started by Mr. Rakesh Aggarwal
since 4th October 2002 as a small business in Delhi and since then it has grown advance
in terms of facilities and income With hundreds of Microsoft certified systems Engineers
(MCSE) figuring amongst our one time service technicians, we give remotely managed
computer repair service a new complexion. It is a leading provider of technical support
services to client and small businesses across a wide range of computing and
communications devices and software. RAJAN delivers support services to millions of
clients globally and its services are available on a 24/7 basis
365 days a year. </p>
                    </div>
                </div>
                <div role="tabpanel" class="tab-pane
fade" id="tours" aria-labelledby="tours-tab">
                    <div class="tab-info">
                        <p> "RAJAN TECHSUPPORT" wants to provide a better service
to the client with the help of computerized system and own company web site. The main
motive over the web site design to provide online technical services to the client,
provide the solution for client management, generate reports, graphs based one client

```

analysis. </p><p> Through Remote Management Services, your computers can now provide performance data and alerts to our support team so that we can deliver proactive, rapid computer repair and support services with advanced remote troubleshooting capabilities. Our goal is to reduce time-to-repair, and increase reliability and uptime..</p>

```
                </div>
            </div>
            <div role="tabpanel" class="tab-pane
fade" id="tree" aria-labelledby="tree-tab""tab-info"
```

```
                </div>
            </div>
        </div>
    </div>
    <div class="col-md-2 agileits-mid""col-md-5 agileits-right""clearfix""wthree_banner_info""container""col-md-4 wthree_banner_info_left""col-xs-4
wthree_banner_info_left_grid">
                <div
class="wthree_banner_info_left_grid1""glyphicon glyphiconcog" aria-
hidden="true""col-xs-8
wthree_banner_info_left_grid_left">
                <h3><a href="#">sunt culpa qui</a></h3>
                <p>Duis aute irure dolor in aperiam.</p>
            </div>
            <div class="clearfix"
```

```

        </div>
        <div class="col-md-4 wthree_banner_info_left">
            <div class="col-xs-4 w3l_banner_info_left_grid">
                <div
class="wthree_banner_info_left_grid1">                                <span class="glyphicon glyphicontime" aria-
hidden="true"></span>
                </div>
            </div>
            <div class="col-xs-8
wthree_banner_info_left_grid_left">
                <h3><a href="#">irure dolor aute</a></h3>
                <p>Duis aute irure dolor in aperiam.</p>
            </div>
            <div class="clearfix"> </div>
        </div>
        <div class="col-md-4 wthree_banner_info_left">
            <div class="col-xs-4 wthree_banner_info_left_grid">
                <div class="wthree_banner_info_left_grid1">


```

```

<div class="container">
    <div class="col-md-6 w3agile-left">
        <div class="w3agile-top">
            
        </div>
        <div class="w3agile-botm">
            
        </div>
    </div>
    <div class="col-md-6 w3agile-right">
        <h3>IPSUM GENERATORS</h3>
        <h4>Letraset sheets containing <span>Lorem Ipsum
passages</span> and more recently with desktop publishing software</h4>
        <p>Lorem Ipsum has been the industry's standard dummy
text ever since the 1500s, when an unknown printer took a galley of type and scrambled it
to make a type specimen book. It has survived not only five centuries, but also the leap
into electronic typesetting, remaining essentially unchanged.</p>
        <p>When an unknown printer took a galley of type and
scrambled it to make a type specimen book. It has survived not only five centuries, but
also the leap into electronic </p>
    </div>
    <div class="clearfix"></div>
</div>
<!-- //w3agile -->
<div class="agileits_services_grids_bottom">
    <div class="container">
        <div class="col-md-4 agileits_service_grid_btm_left">
            <div class="agileits_service_grid_btm_left1">
                
                <div class="agileits_service_grid_btm_left2">
                    <h5>ultrices suscipit ligula</h5>
                    <p>Morbi ac sapien id lectus
fermentum aliquet. Nunc consectetur risus et
pharetra.</p>
                </div>
            </div>
            <div class="col-md-4 agileits_service_grid_btm_left">
                <div class="agileits_service_grid_btm_left1">
                    
                    <div class="agileits_service_grid_btm_left2">
                        <h5>egestas dui pharetra felis</h5>
                        <p>Morbi ac sapien id lectus
fermentum aliquet. Nunc consectetur risus et
pharetra.</p>
                    </div>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
        <div class="col-md-4 agileits_service_grid_btm_left">
            <div class="agileits_service_grid_btm_left1">    
                <div class="agileits_service_grid_btm_left2">
                    <h5>Nunc consectetur felis</h5>
                    <p>Morbi ac sapien id lectus
fermentum aliquet. Nunc consectetur risus et
                                            felis bibendum, at egestas dui
pharetra.</p>
                </div>
            </div>
            <div class="clearfix"> </div>
        </div>
    </div>
    <!-- footer -->
<div class="w3layouts-footer">
    <div class="container">
        <h3>GET IN TOUCH</h3>
        <div class="col-md-2 w3layouts-left">
            <a href="#" class="w3_agile_enve"><i class="fa fa-envelope-o" aria-hidden="true"></i></a>
            <p><a href="mailto:info@example.com">info@example.com</a></p>
        </div>
        <div class="col-md-2 w3layouts-left">
            <a href="#" class="w3_agile_facebook"><i class="fa fa-facebook" aria-hidden="true"></i></a>
            <p><a href="#">Facebook</a></p>
        </div>
        <div class="col-md-2 w3layouts-left">
            <a href="#" class="agile_twitter"><i class="fa fa-fatwitter" aria-hidden="true"></i></a>
            <p><a href="#">Twitter</a></p>
        </div>
        <div class="col-md-2 w3layouts-left">
            <a href="#" class="w3_agile_dribbble"><i class="fa fa-dribbble" aria-hidden="true"></i></a>
            <p><a href="#">Dribbble</a></p>
        </div>
        <div class="col-md-2 w3layouts-left">
            <a href="#" class="w3_agile_vimeo"><i class="fa fa-vimeo" aria-hidden="true"></i></a>
            <p><a href="#">Vimeo</a></p>
        </div>
        <div class="clearfix"> </div>
        <p>© 2017 Stylewell. All rights reserved | Design by <a
href="http://w3layouts.com/">W3layouts</a></p>
    </div>
    <!-- //footer -->
</body>
<!-- //Body -->
</html>

```

## TECH-SUPPORT PROFILE.JSP

```
<%@ page language="java" import="java.util.*" pageEncoding="ISO-8859-1"%>
<%
String path = request.getContextPath(); String basePath
=
request.getScheme ()+"://"+request.getServerName ()+":"+request.getServerPort()
+path+"/";
%>

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
  <head>
    <base href="<%basePath%>">

    <title>My JSP 'Tech-Support viewdisplay.jsp' starting page</title>

    <meta http-equiv="pragma" content="no-cache">
    <meta http-equiv="cache-control" content="no-cache">
    <meta http-equiv="expires" content="0">
    <meta http-equiv="keywords" content="keyword1,keyword2,keyword3">
    <meta http-equiv="description" content="This is my page">
    <!--
    <link rel="stylesheet" type="text/css" href="styles.css">
    -->
<title>Stylewell an Interior Category Flat Bootstrap Responsive Website
Template | Home :: W3layouts</title>
    <!-- Meta-Tags -->
    <meta name="viewport" content="width=device-width, initialscale=1">
        <meta http-equiv="Content-Type" content="text/html; charset=utf-
8">
            <meta name="keywords" content="Stylewell a Responsive Web
Template, Bootstrap Web Templates, Flat Web Templates, Android Compatible Web
Template, Smartphone Compatible Web Template, Free Webdesigns for Nokia,
Samsung, LG, Sony Ericsson, Motorola Web Design">
            <script type="application/x-javascript"> addEventListener("load", function()
{ setTimeout(hideURLbar, 0); }, false); function hideURLbar(){ window.scrollTo(0,1); }
</script>    <!-- //Meta-Tags -->
    <!-- Custom-Theme-Files -->
    <link rel="stylesheet" href="css/bootstrap.min.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all">
    <link rel="stylesheet" href="css/font-awesome.min.css" />

    <!-- //Custom-Theme-Files -->
    <!-- Web-Fonts -->
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Open+Sans:400,300,600,700,800" type="text/css">
    <link rel="stylesheet"
href="//fonts.googleapis.com/css?family=Montserrat:400,700"
type="text/css">        <!-- //Web-Fonts -->
    <!-- Default-JavaScript-File -->
    <script type="text/javascript" src="js/jquery-2.1.4.min.js"></script>
    <script type="text/javascript" src="js/bootstrap.min.js"></script>
    <!--FlexSlider-->
```

```

<link rel="stylesheet" href="css/flexslider.css" type="text/css" media="screen" />
<script defer src="js/jquery.flexslider.js"></script>
<script type="text/javascript">
$(window).load(function() {
    $('.flexslider').flexslider({ animation: "slide",
        start: function(slider) {
            $('body').removeClass('loading');
        }
    });
}) ;
</script>
<!--End-slider-script-->

</head>

<%@page import="java.sql.*" %>
<body>

<!-- Header -->
<div class="header">
    <!-- Top-Bar -->
        <div class="top-bar">
            <div class="container">
                <div class="header-nav">
                    <nav class="navbar navbar-default">          
                        <button type="button" class="navbar-toggle collapsed" data-toggle="collapse" data-target="#bs-example-navbar-collapse-1">
                            <span class="sr-only">Toggle navigation</span>
                            <span class="icon-bar"></span>
                            <span class="icon-bar"></span>
                            <span class="icon-bar"></span>
                        </button>
                        <h1><a class="navbar-brand" href="index.html">RTSMS</a></h1>
                    </div>
                    <!-- Collect the nav links, forms,
                        and other content for toggling -->
                    <div class="collapse navbar-collapse" id="bs-example-navbar-collapse-1">
                        <ul class="nav navbar-nav">
                            <li class="active"><a class="dropdown" href="index.jsp">Home</a></li>

```

```

        <a href="#">
    class="dropdown-toggle" data-toggle="dropdown"
    ariaexpanded="false">profile<b class="caret"></b></a>
        <ul class="dropdown-
menu agile_short_dropdown">

            <li><a
        href="Tech-Support viewhtml1.jsp">View</a></li>
            <li><a
        href="Tech-Support updatehtml1.jsp">Update</a></li>
            </ul>
        </li>
        <li class="dropdown">
            <a href="#">
        class="dropdown-toggle" data-toggle="dropdown" ariaexpanded="false">Attendance<b
        class="caret"></b></a>
            <ul class="dropdown-
menu agile_short_dropdown">

                <li><a
        href="atthtml1.jsp">Record</a></li>
                <li><a
        href="attviewhtml1.jsp">View</a></li>
                </ul>
            </li>

            <li><a
        href="loginpage.jsp">Logout</a></li>
            </ul>
        <div class="search-box">
            <div id="sb-search"
        class="sb-search">
                <form>
                    <input
        class="sb-search-input" placeholder="Enter your search term..." type="search"
        name="search" id="search">
                    <input
        class="sb-search-submit" type="submit" value="">
                    <span class="sb-
icon-search"> </span>
                </form>
            </div>
        </div><!-- /navbar-collapse -->
<!-- search-scripts -->
<script
src="js/classie.js"></script>
<script
src="js/uisearch.js"></script>
<script
        <script>

```

```

new UISearch(
document.getElementById( 'sb-search' ) );
                    </script>
                    <!-- //search-scripts -->
                </nav>
            </div>
        </div>
        <!-- //Top-Bar -->
    </div>
    <!-- //Header -->

    <!-- banner -->
    <div class="w3l-banner">
<% try{
String id=request.getParameter("i1").trim();
Class.forName("oracle.jdbc.driver.OracleDriver").newInstance(); Connection
conn=DriverManager.getConnection("jdbc:oracle:thin:@localhost:1521:XE","system","123");
PreparedStatement ps=conn.prepareStatement("select * from Tech-Support file where
mid=?"); ps.setString(1,id);
ResultSet rs=ps.executeQuery(); if(rs.next())
{

%>
<form name="frm2" method="post">
<center>
<legend>
<p style="font-family: Comic Sans MS; text-align:center; font-size:34px; color:blue">
Tech-Support Table Data<hr></p>

</legend>
<table>
<tr>
<td>TECH-SUPPORT
ID</td><td>&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp<%out.println(rs.getString(1)); %></td>
</tr>
<tr>
<td>TECH-SUPPORT
NAME</td><td>&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp<%out.println(rs.getString(2)); %></td>
</tr>
<tr>
<td>TECH-SUPPORT
ADDRESS</td><td>&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp<%out.println(rs.getString(3)); %></td>
</tr>
<tr>
<td>TECH-SUPPORT PHONE
NO</td><td>&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp<%out.println(rs.getString(4)); %></td> </tr>
<tr>
<td>TECH-SUPPORT
CITY</td><td>&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp&ampnbsp<%out.println(rs.getString(5)); %></td>
</tr>

</table>
</center>

```

```
</form>
<% } else {
out.println("record is not found");
} }
catch(Exception e)
{
out.println(e);
}
%>
</body>

</html>
```

# Testing And Implementation

---

- testing Methodology ➤ Unit Testing:
- Module Testing
- System Testing
- Alpha/Beta Testing
- White box/black box testing
- Implementation Manual
- Implementation
- Post Implementation Modification

### **Testing methodology :**

The testing of software is a means of assessing or measuring the software to determine its quality. The idea of testing is one of the key process areas in ensuring the quality of the software.

### **Unit Testing :**

Unit Test involves testing of individual components of the system to see if they are functioning properly. The focus on unit testing will be destructive testing – to test all error conditions and see if they are handled properly by the program.

### **Module Testing :**

This is an optional form of testing which is done only for large systems which has a large number of modules .

### **System testing:**

Integrated testing of the system with emphasis on interfaces between configuration items and modules is the essence of the System Testing. The emphasis is on testing the functionality of the system, its security, recovery and restart procedures and interfaces with external systems, if any.

## Alpha/beta testing

- Alpha Testing: The system was run in a simulated environment using simulated data. This simulated test is something called as verification testing. It primarily looks for errors and omissions regarding end users and design specifications that were specified in the earlier phase but not fulfilled during construction. After alpha testing the user will have an idea of how the project has shaped if it is according to their requirements and what changes are required.
- Beta testing: in beta testing main s/w is run in user live environment and when user detects any bugs, reports it to the developer. The developer modifies the actual software, removes the bug in the final software. Then the final software is launched in the market. The earlier copy of the project is called the beta version of the project.

## White box/black box testing

Black box Testing : this form of testing is used during System or Acceptance testing where the system is regarded as a “black box”, i.e., its internals are not known to the tester. The tester gives the required inputs and checks the outputs. If the outputs don’t tally with expected results, an error is reported.

White box Testing : this is used in Unit Testing and System Testing where the internals of the system are known to the technical people. Testing is done by checking that all branches and loops of code are executed, intermediate and temporary files are updated properly and hand offs to other systems or modules are written in the correct format.

## IMPLEMENTATION

Old system to the new one. In our case, the implementation include all the activities that take place to convert existing system to new computerized system.

The implementation view of software requirements presents the real world manifestation of processing functions and information structures. An implementation structure model represents the current mode of operation, that is, the proposed allocation for all system elements. The essential model of function or data is generic that realization of function is not explicitly indicated.

This is a stage when you hand over the system to the user. The implementation consists of the following steps.

- Usage of the new system.
- Final checkout and acceptable.

We have to take care about these points when we are handing over the new system to the user. User training about handling the Hardware and Software are extremely important if we want minimum complaints of failure of the system from the user.

Technically, elegant system fails due to poor quality running imparted to the operators & user. Operator's focuses on the basis of hardware and operation of computers.

Conversion is the one another important part in implementation. There were various methods of handling system conversion like:

- Pilot Conversion.
- Phase Conversion.

Every system requires periodic evaluation after implementation. This post implementation review measures the system's perforation against predefined requirements. It determines how well the system continues to meet the perforation specification. It provides an evaluation of the system accomplishes the stated objectives. It usually a review of the major problem that needs conversion and toes that arose during the implementation phase. The preliminary liability in such a case lies with the user organization, which assigns a special staff for the purpose.

Since request for evaluation was received during my training period so on description about this stage.

Maintenance is the enigma of the system environment. Maintenance could be through to be the implementation of the post implementation review. It is very expensive in nature. Its need is when new information is inconsistent with the design specification and chances has to be made.

## Add test cases:-

A test case is a set of conditions or variables under which a tester will determine whether a system under test satisfies requirements or works correctly.

The process of developing test cases can also help find problems in the requirements or design of an application.

### WRITING GOOD TEST CASES

- As far as possible, write test cases in such a way that you test only one thing at a time. Do not overlap or complicate test cases. Attempt to make your test cases ‘atomic’.
- Ensure that all positive scenarios and negative scenarios are covered.
- Language:
  - Write in simple and easy to understand language. ◦ Use active voice:  
Do this, do that.
  - Use exact and consistent names (of forms, fields, etc).
- Characteristics of a good test case:
  - *Accurate*: Exacts the purpose. ◦ *Economical*: No unnecessary steps or words. ◦ *Traceable*: Capable of being traced to requirements. ◦ *Repeatable*: Can be used to perform the test over and over. ◦ *Reusable*: Can be reused if necessary.

## **FUTURE SCOPE**

This project can be used in the online tech support company after adding or by upgrading some more useful modules in the project for which the company are providing services.

This website can be converted into distributed based system with modification. The company also has a plan to develop online payment gateway system in future to increase the productivity and to enhance the growth.

This website is proved to be necessity for the development and growth of the company which is needs a very good decision support system for the manager. As the basic trend of the market does not change coming four or five years this software has a tremendous potential to fulfill the market need at present also in future. It will help the manager to take right decision at right time. The companies, which cannot afford very good employee strength but want to minimize its profit, this software will be very much helpful to reduce the bad debts.

The website can support VPN and intranet facility in future.

---

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