

A Project Presentation
On
Employee Management System

Submitted By:

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M.Sc. (CA & IT) Semester-III

Submitted To:



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Project Profile:-

Project Title	Employee Management System
Objectives	System is used to Manage Employees, In Recruitment process choose candidate, Project Management, Client Management at one place.
Platform	Web Application
Front End	.NET Framework 4.0 with VB
Back End	Microsoft SQL Server 2008
Tools	Visual Studio 2010, Ajax Control Toolkit 4,Crystal Report 2008
Students Name	Sona Patel (13084231201) Payal Patel (13084231170)
Internal Guide	Hiral R. Patel
Developed By	Sona Patel Payal Patel

Existing System:-

- Existing system requires manual integration of data and management of different-different processes.
- Company requires different systems for Human Resource Information management, Project management and client & Product management.
- Searching and tracking of information becomes complex and time consuming.

Need for New System:-

- The new system requires to integrate systems for Human Resource Information , Client management and Project management at one place.
- It makes data manipulation of projects & employees easy and fast. Its Less time consuming and provide efficient searching.

FUNCTIONAL SPECIFICATION:-

- **User Specification:**

1. Administrator
2. HR Manager
3. Recruitment Manager
4. Marketing Manager
5. Project Leader
6. Team Leader
7. Employees / Team Members

Users Specification:-

1) Administrator:-

- Administrator can create and manage clients, projects and users.
- Administrator can also allocate/change project manager and manage account.

2) HR Manager:-

- HR manager can create/manage employees.
- HR manager can also perform selection process of candidates. After selection process candidate will be converted to Employee and new unique Employee ID assigns to Candidate.

3) Recruitment Manager:-

- Recruitment manager create candidates profiles who apply in company.
- Manage details of candidates with test and interview scores.

4) Marketing Manager:-

- Marketing manager manages Customers/ Clients profiles associated with Company.
- Send News letters to customers for products updates
- Set Company News & thoughts of day which will display on every employee's dashboard.

5) Project Leader:-

- Project Leader creates projects and assign projects to relative Team Leaders.
- Project Leader check the project summary & status on dashboard.

6) Team Leader:-

- Team Leaders can see assigned projects from the Project manager. They can track their particular project details and their profiles.
- Team Leader assign particular team members of project and track the report of allocated project of team members.
- The whole work is divided among the team members. These work distribution is performed by the Team Leader. Team Leader can gives the deadline of work which is assigned to team members.

7) Team Members/ Employees:-

- Team Members are responsible for the work performance and completion in given time period by the Team Leaders. The reports of work is submitted to the Team Leader and see the latest news of company on dashboard.

MODULES SPECIFICATION:-

- There are 4 types of modules:-
 1. Account & Administration
 2. Human Resource Information
 3. Client Management
 4. Project Management

1. Account & Administration:-

- Account module provides facility like User Login, Forget Password, Change Password and Creation of New User.
- New client details can be added, modified or removed and also adds new employee details.
- Create and manage different users and projects.

2. Human Resource Information:-

- It consists:-
 - 1) Recruitment system
 - 2) Employee management
- Recruitment process where scores of aptitude test, technical interview and HR confirmations can be added and HR manager final selection of candidates.
- Employee management includes new employees' user id and modified previous/old employees' details .

3. Client Management:-

- This module consist 2 sections:
 - 1) Customers management :-
 - Create and update customers profiles with details like Company name, Address, Office email, Office Contact No. etc
 - 2) Latest News Section:-
 - Send News letters to Company clients for products updates
 - Set Latest news of Company which will be displayed on Employee's Dashboard.

4. Project Management:-

- **Project Manager:-**
 - Assign projects
 - Assign Team Leaders to Projects
 - Check project summary & status
- **Team Leader:-**
 - Assign Projects Team Members
 - Check project summary & status
- **Team Member:-**
 - Check assigned projects and Update relevant status
 - see company news

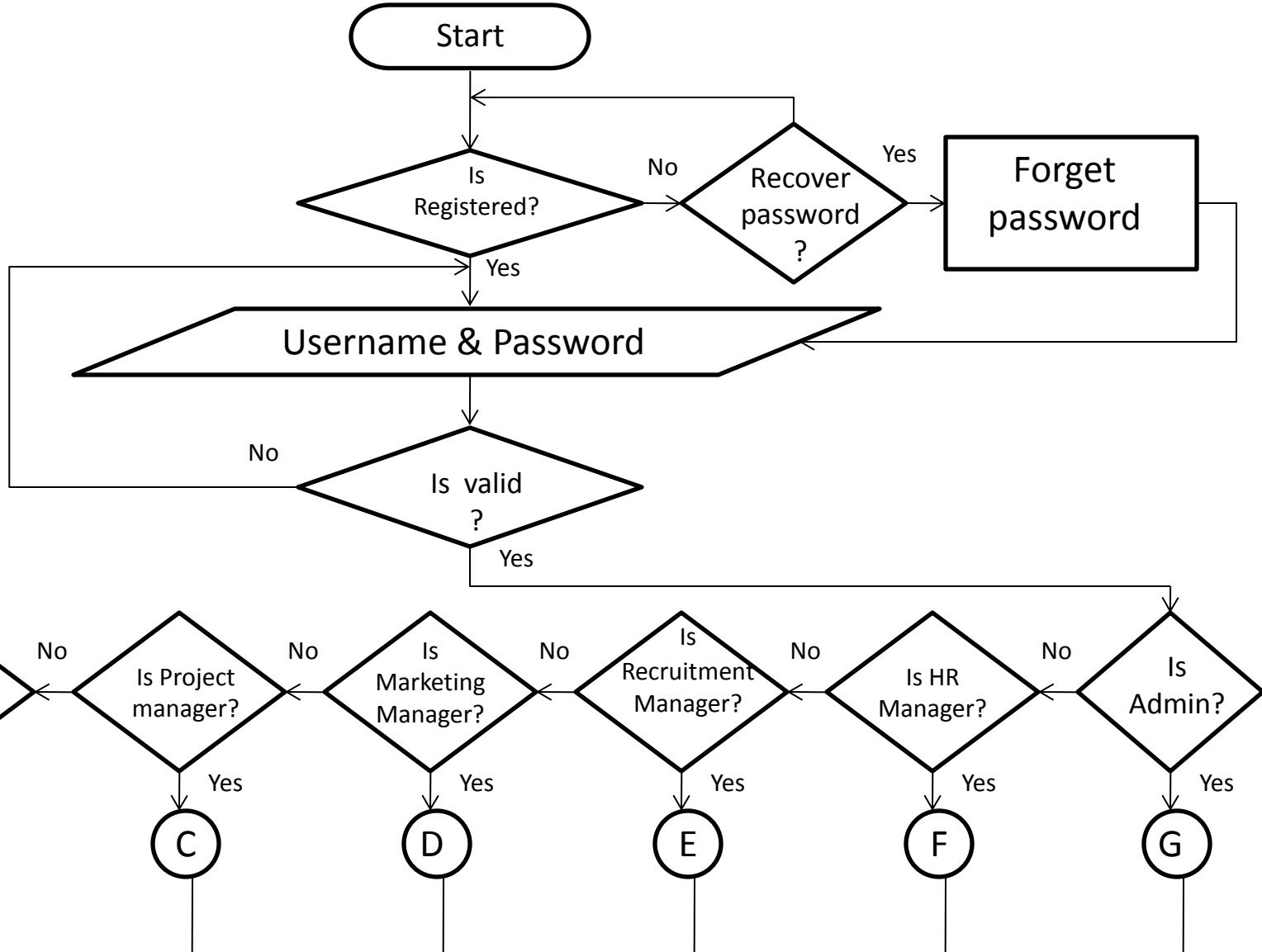
Minimum Hardware Requirement:-

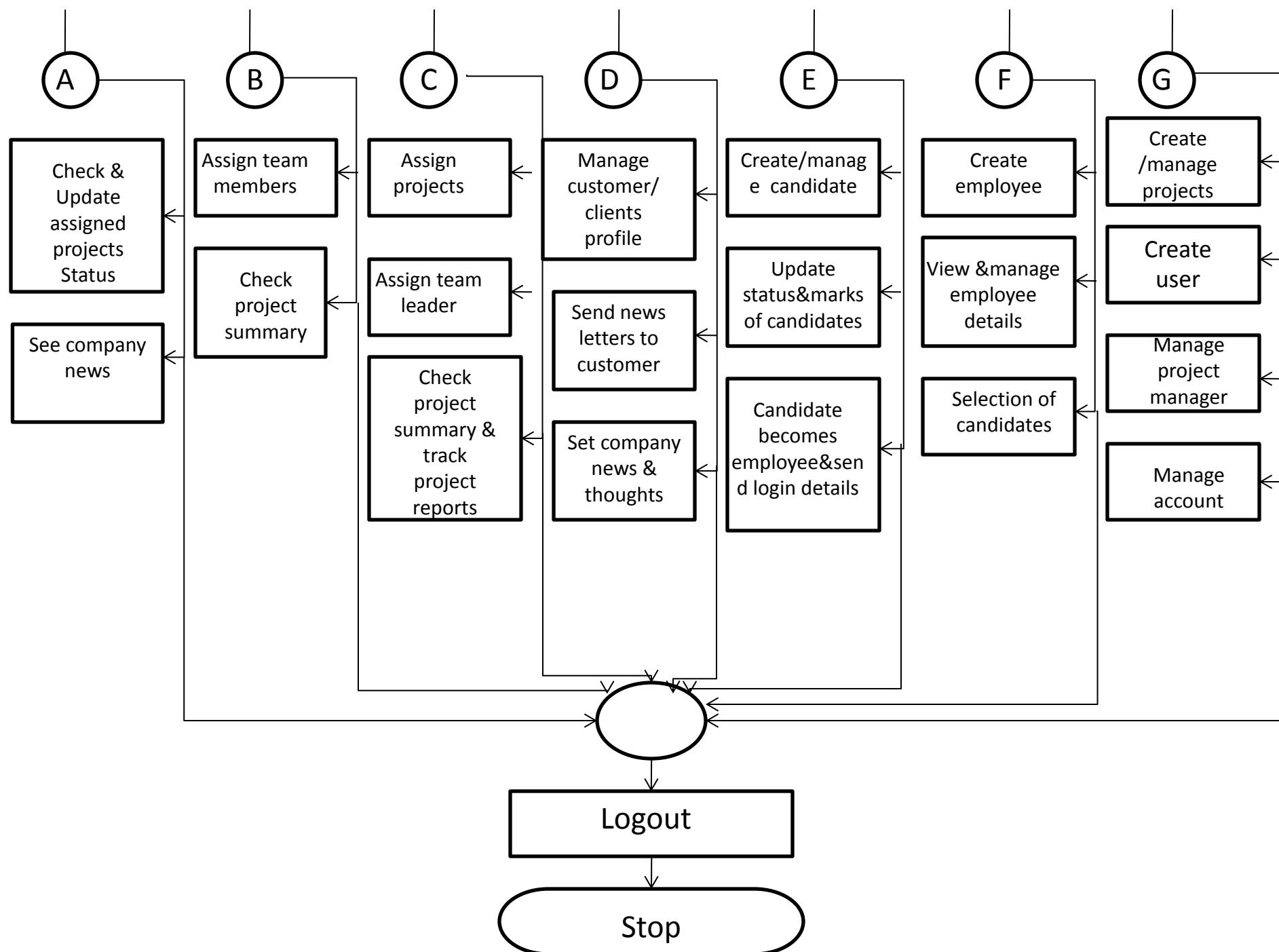
Client Side	Server Side
Processor : 1.5 GHz	Processor : 2.0 GHz
RAM : 1 GB	RAM : 2 GB
HDD : 2 GB	HDD : 20 GB

Minimum Software Requirement:-

Client Side	Server Side
Operating system : Windows XP & Other compatible OS	Operating System : Windows NT & Other compatible Server OS
Browser : IE 6.0 & other compatible browser	Web Server : IIS 6
	Database Server:Microsoft SQL Server 2008
	Framework:-.NET Framework 4.0

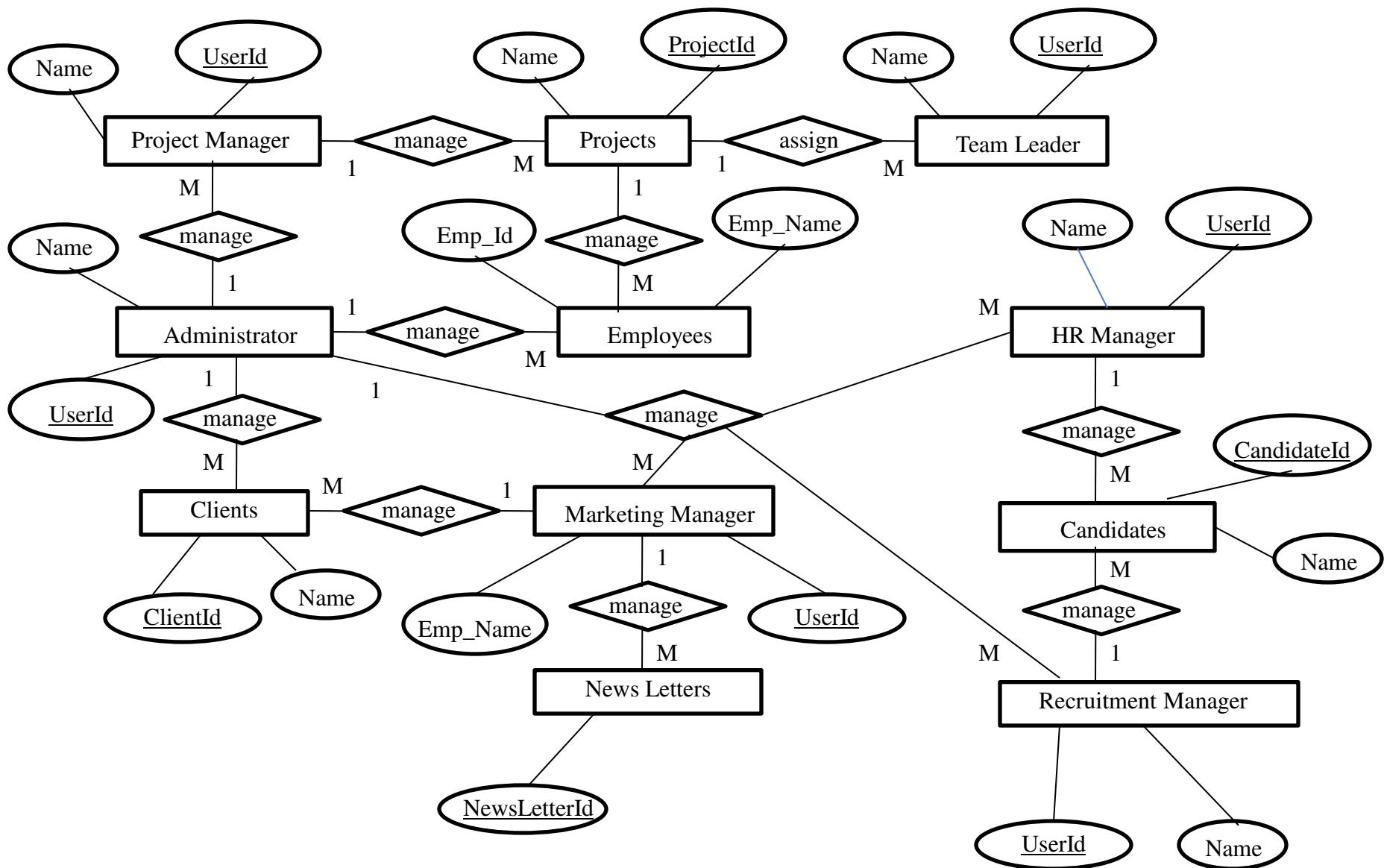
System Flow Chart:-





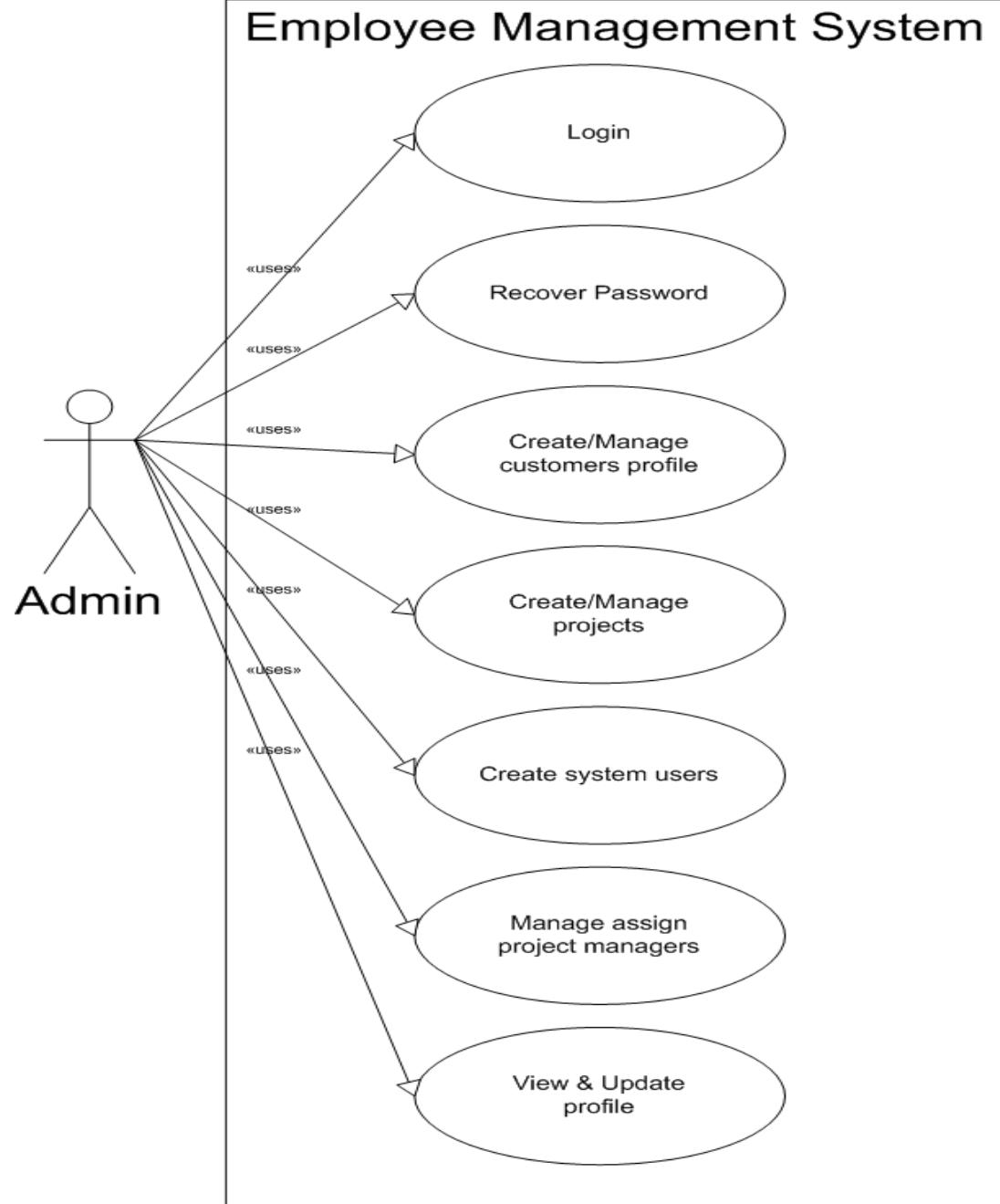
PROJECT TIMELINE(GANNT CHART):-

E-R Diagram:-

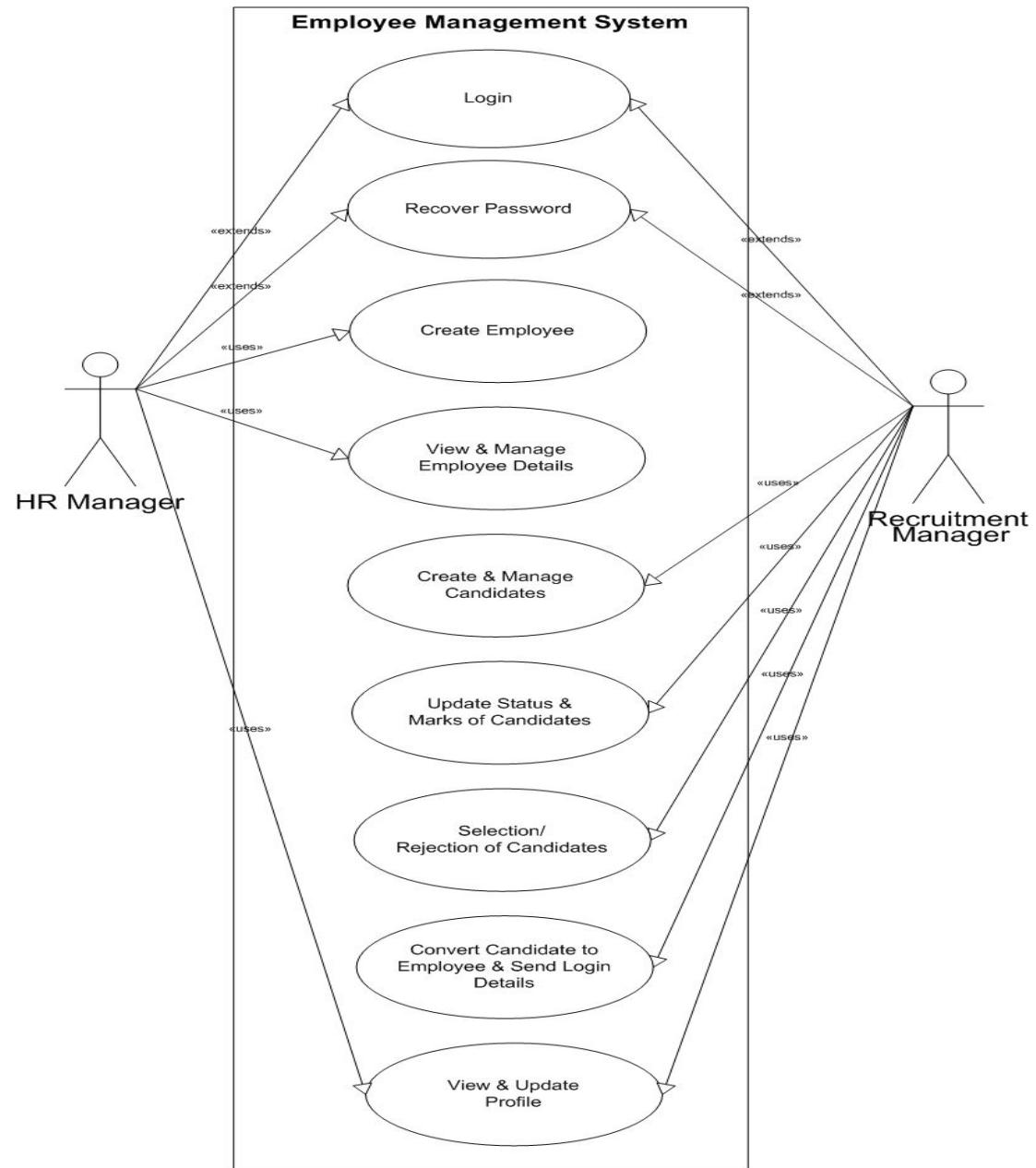


Use-Case Diagram:-

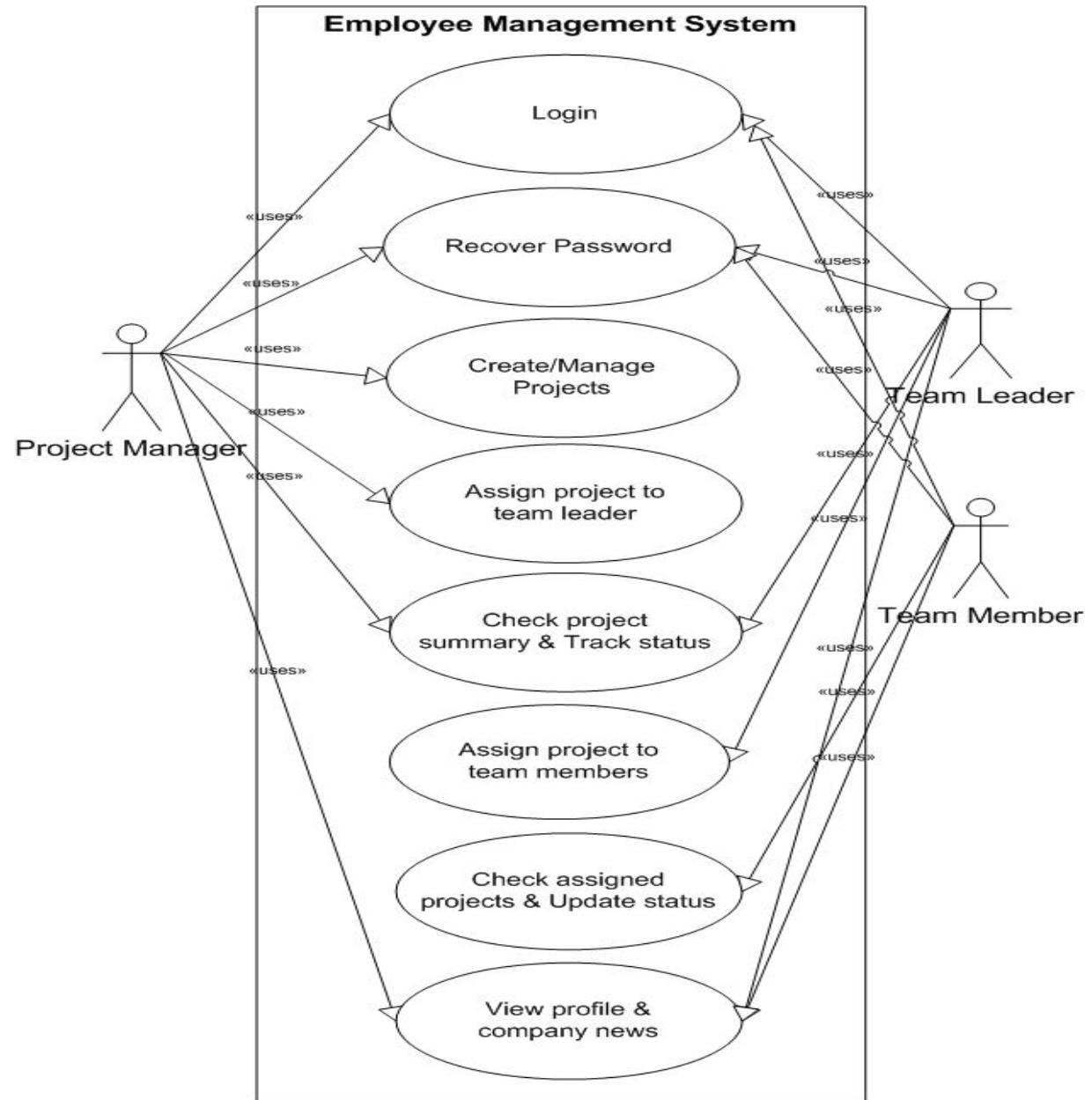
1). Use-Case Diagram For Administration Module:-



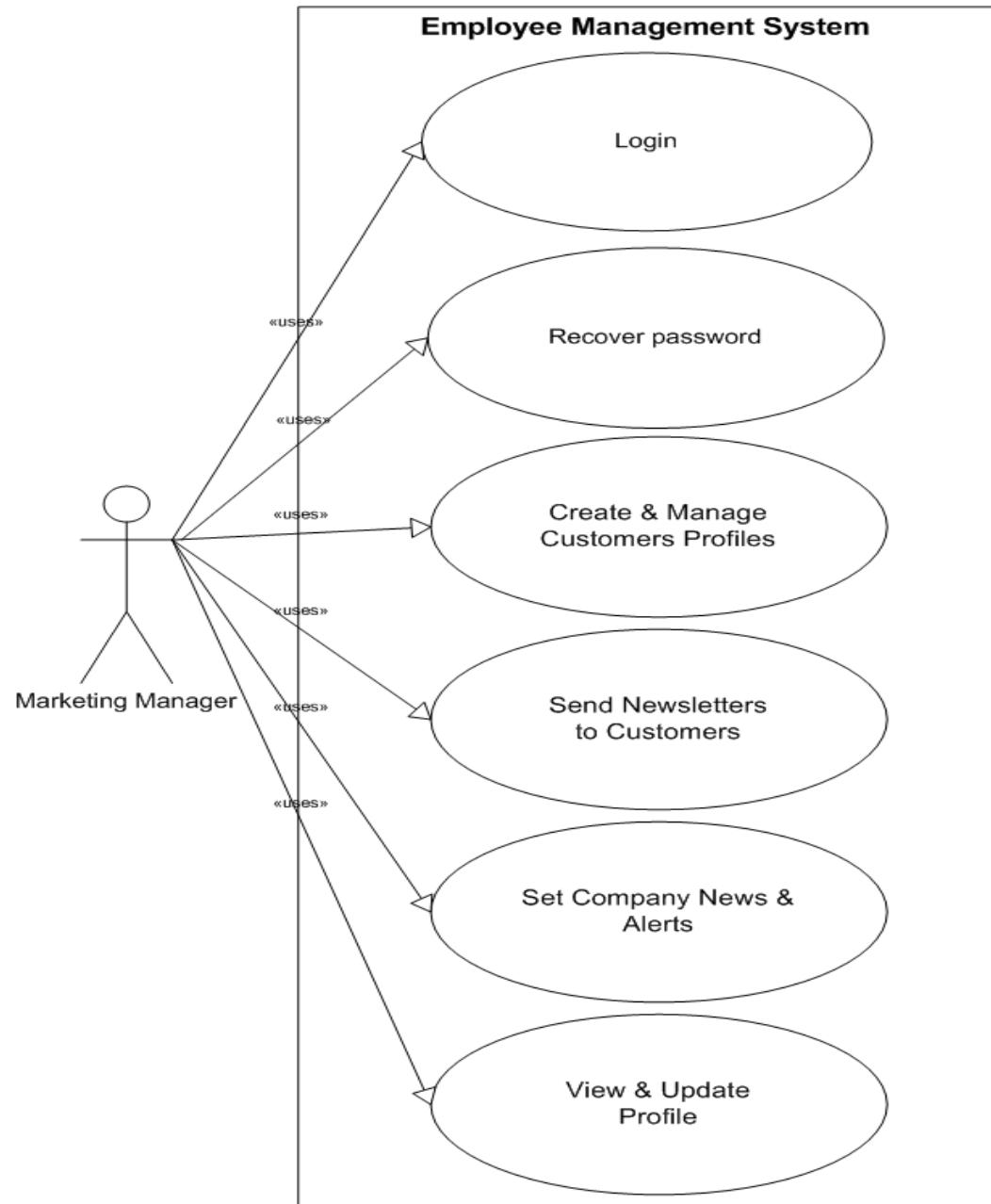
2). Use-Case Diagram For Human Resource Information Module:-



3). Use-Case Diagram For Project Management Module:-

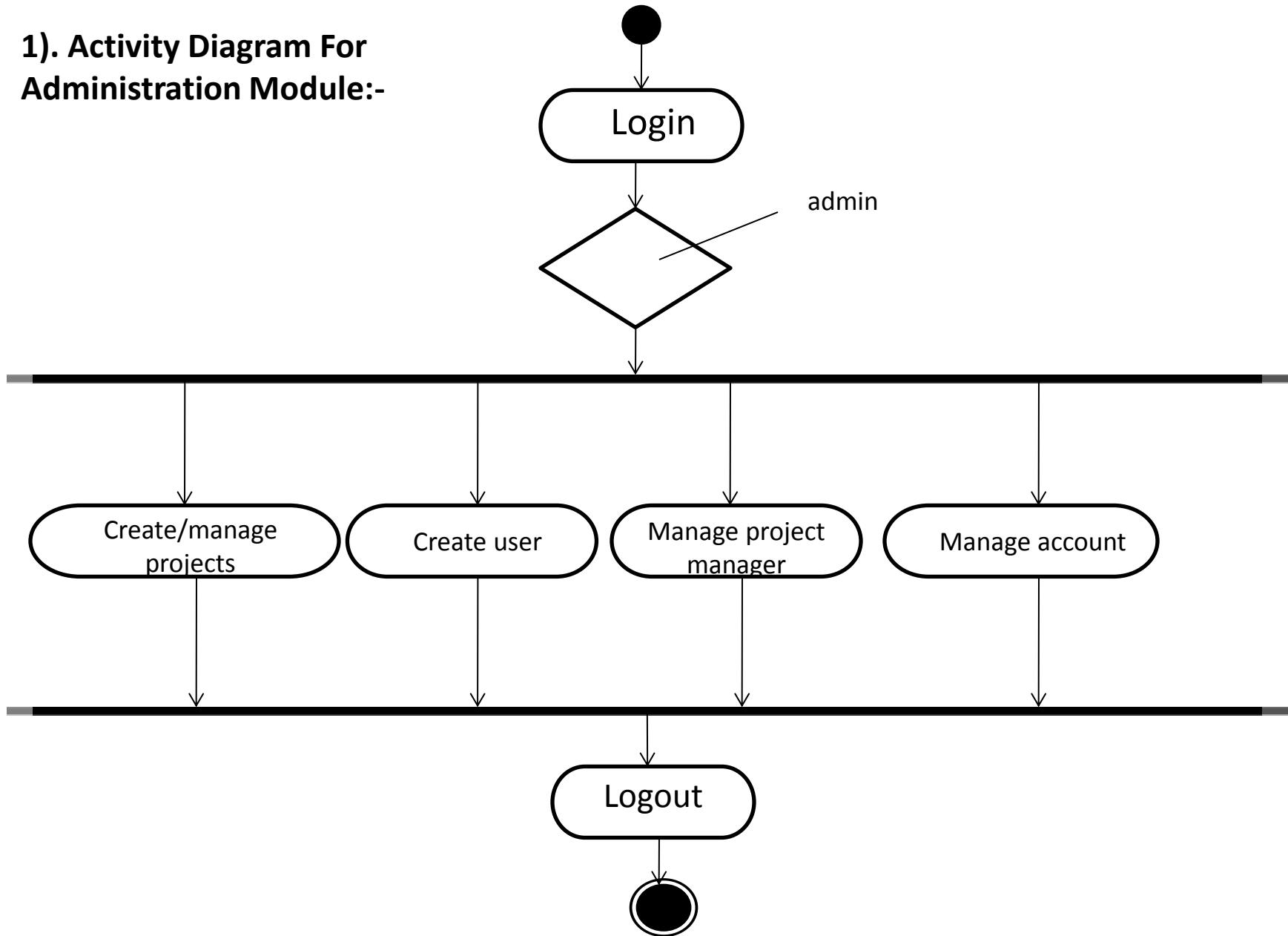


4). Use-Case Diagram For Client Management Module:-

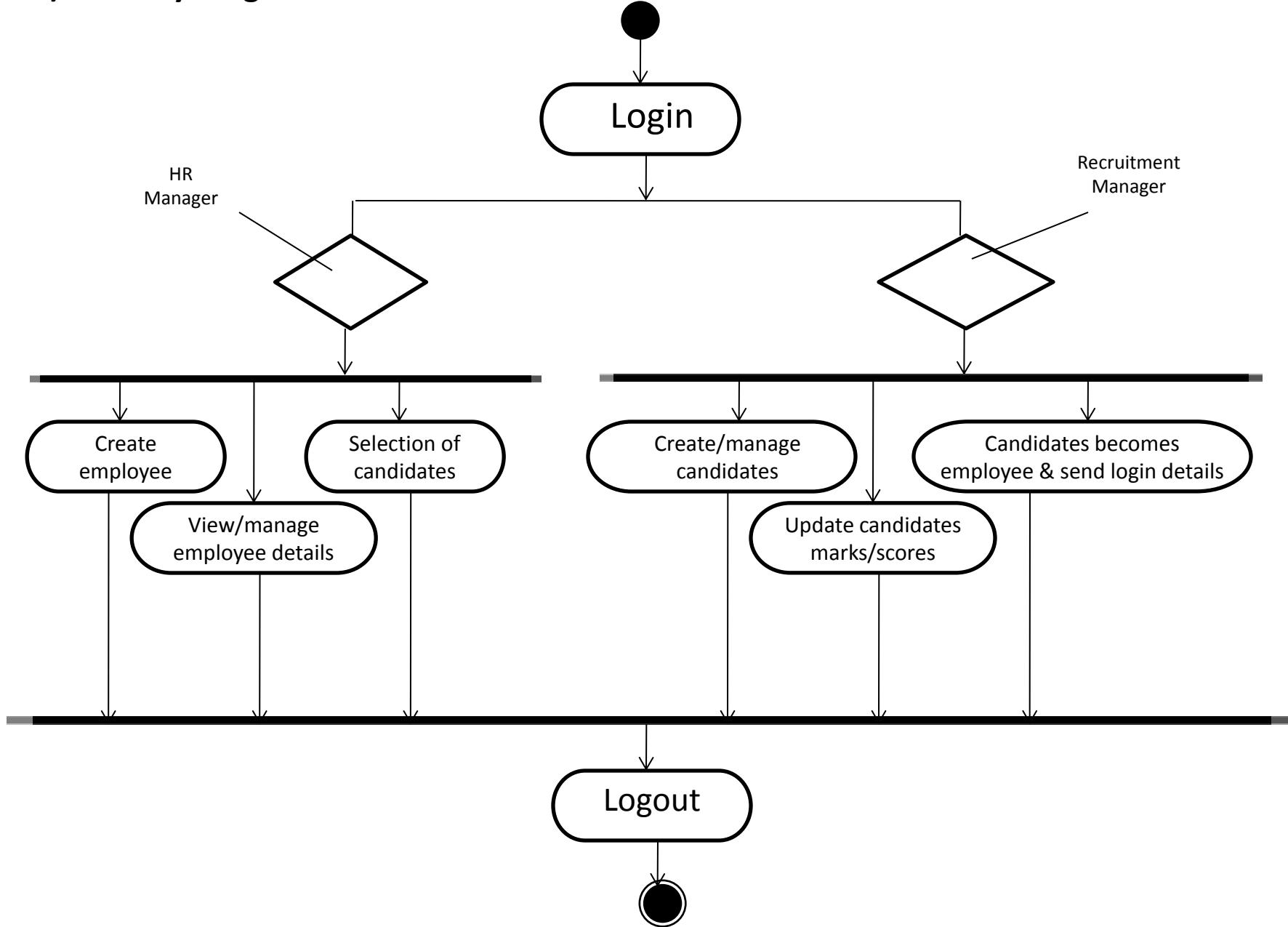


Activity Diagram:-

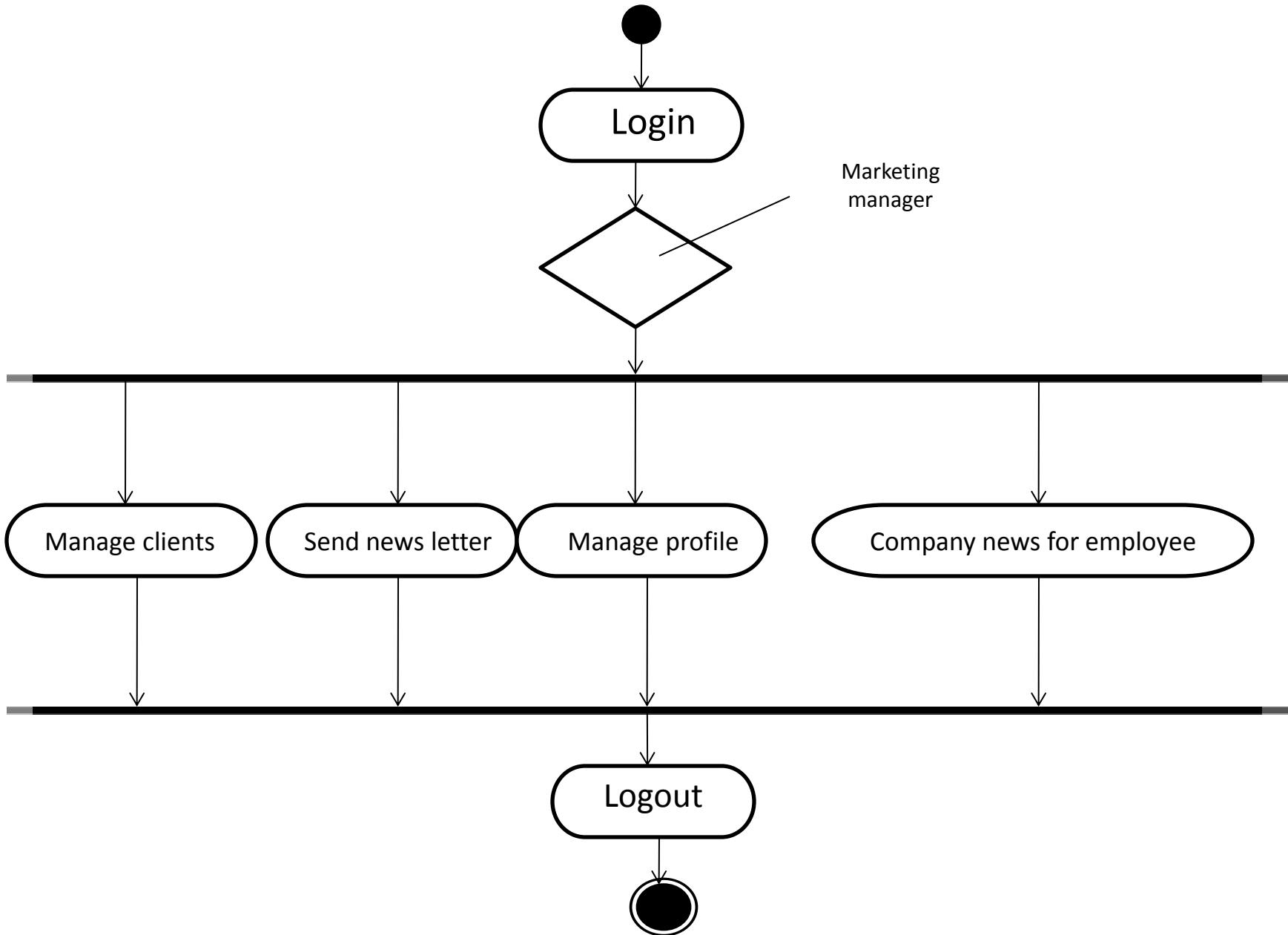
1). Activity Diagram For Administration Module:-



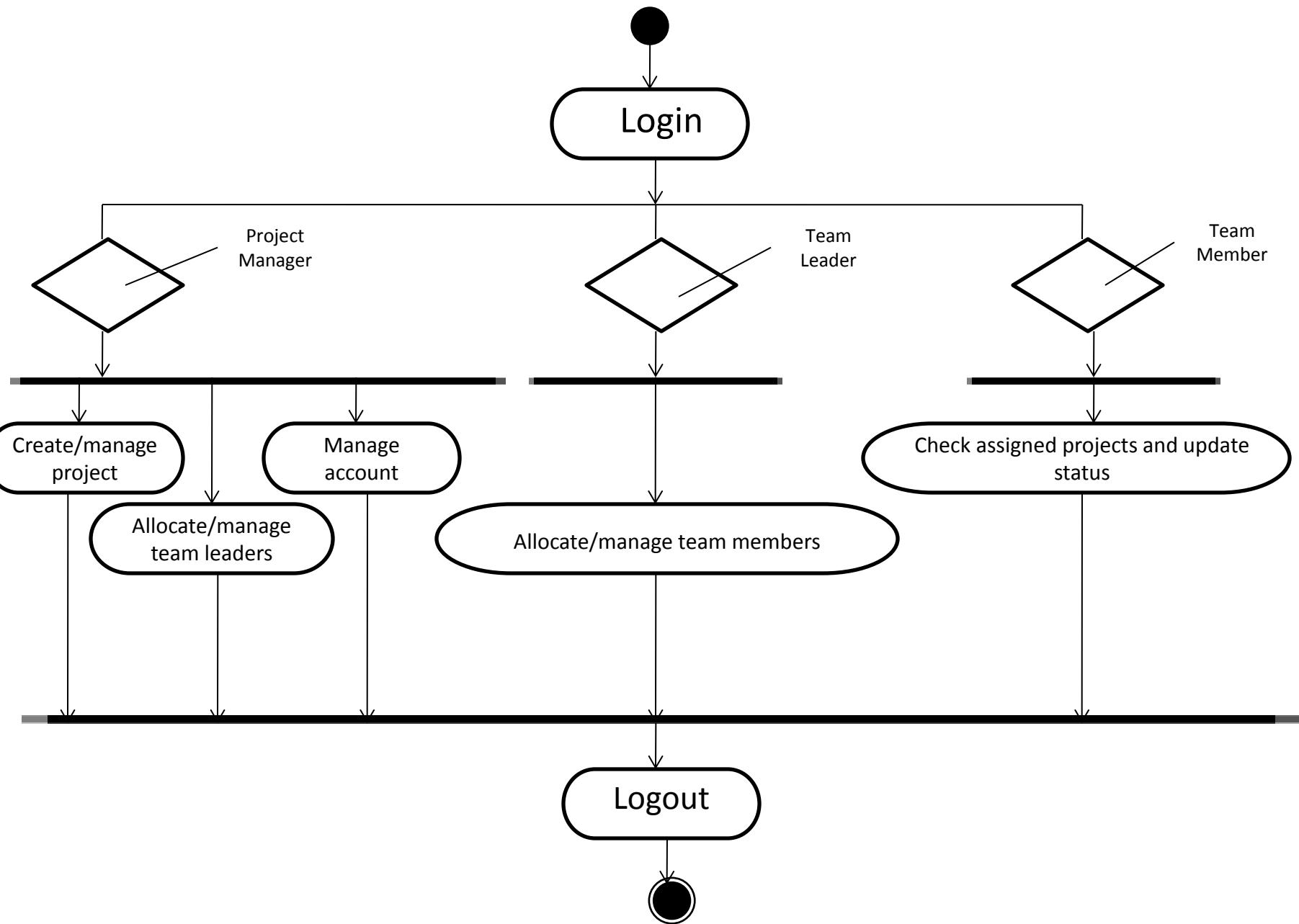
2). Activity Diagram For Human Resource Information Module:-



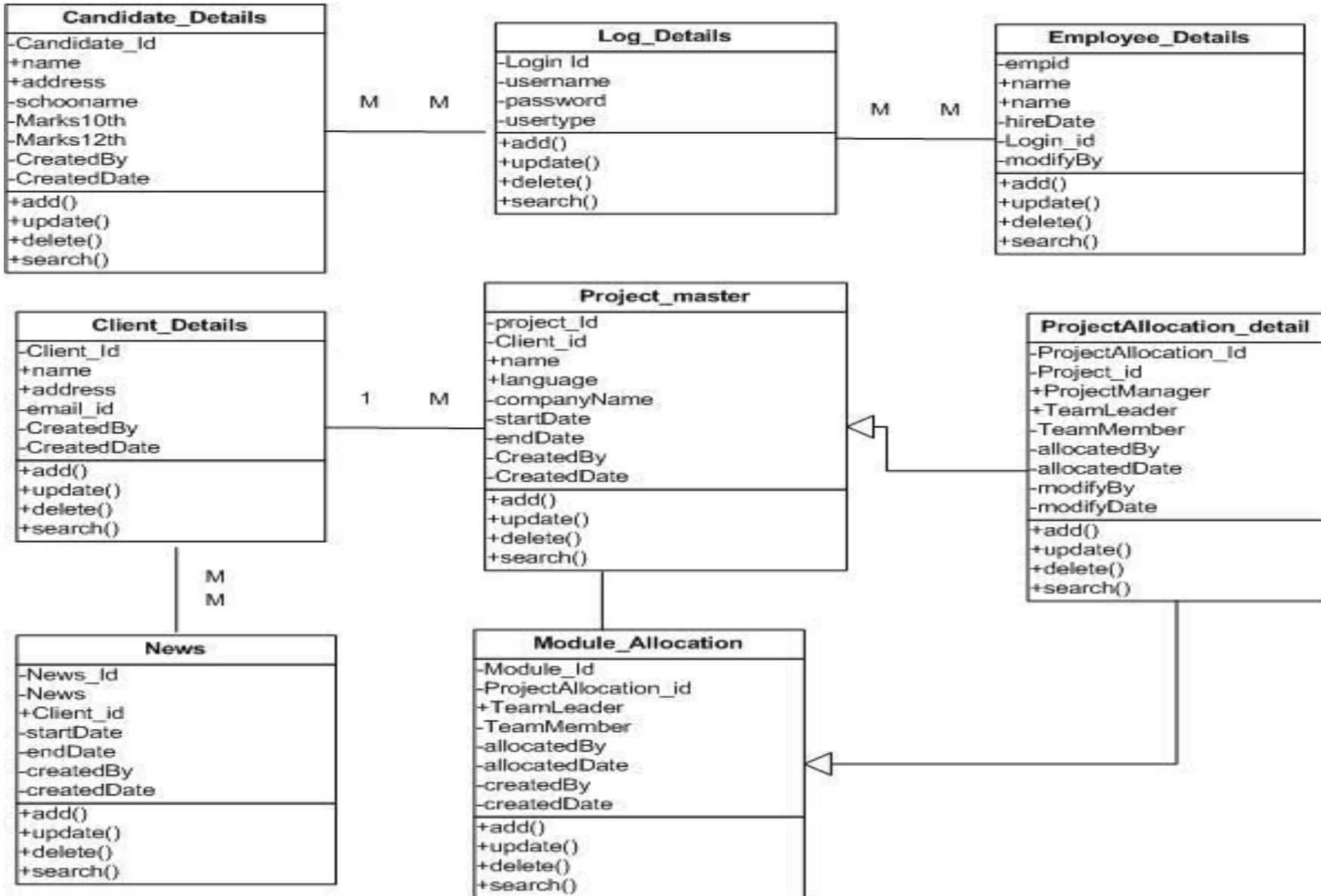
3). Activity Diagram For Client Management Module:-



4). Activity Diagram For Project Management Module:-

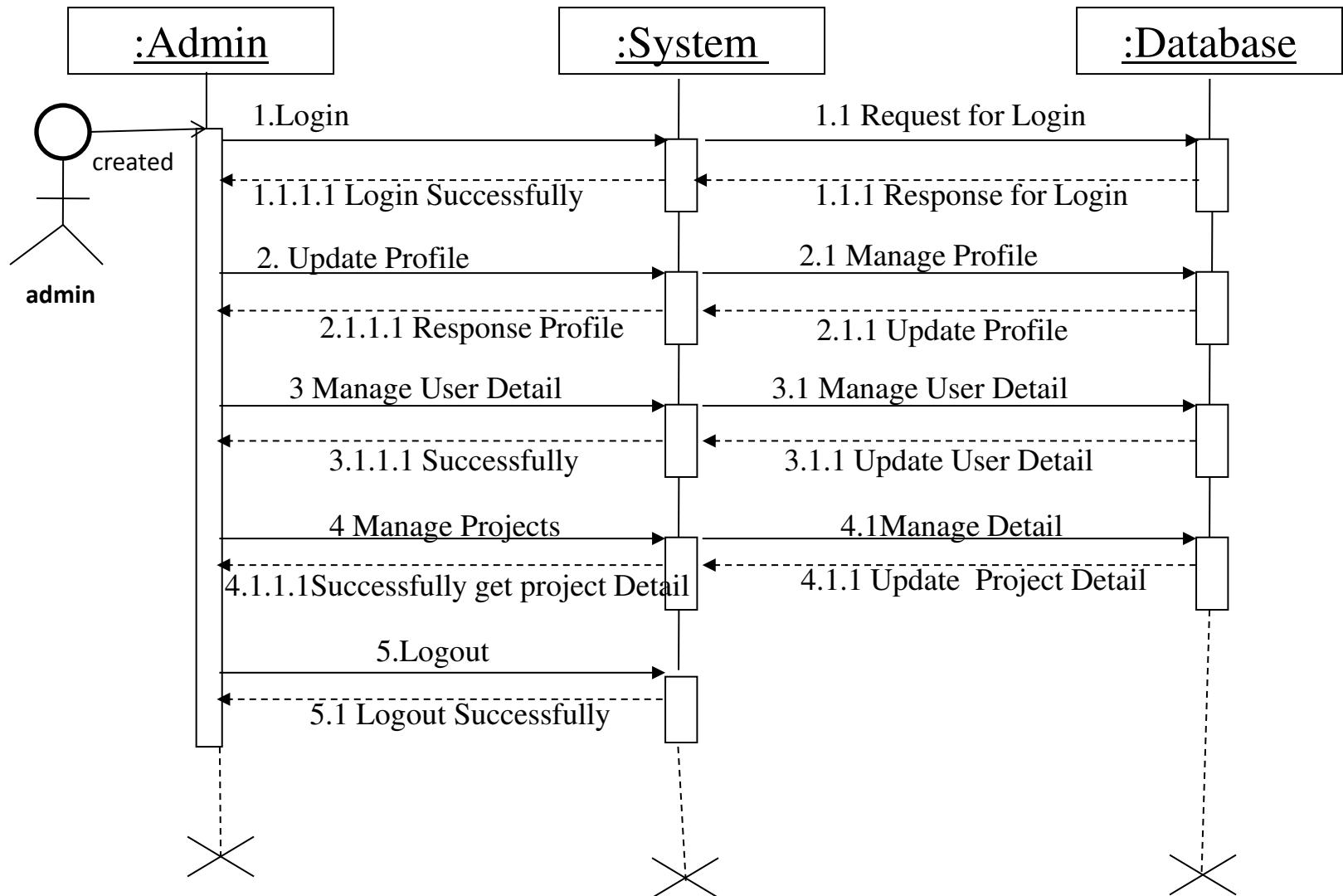


Class Diagram:-

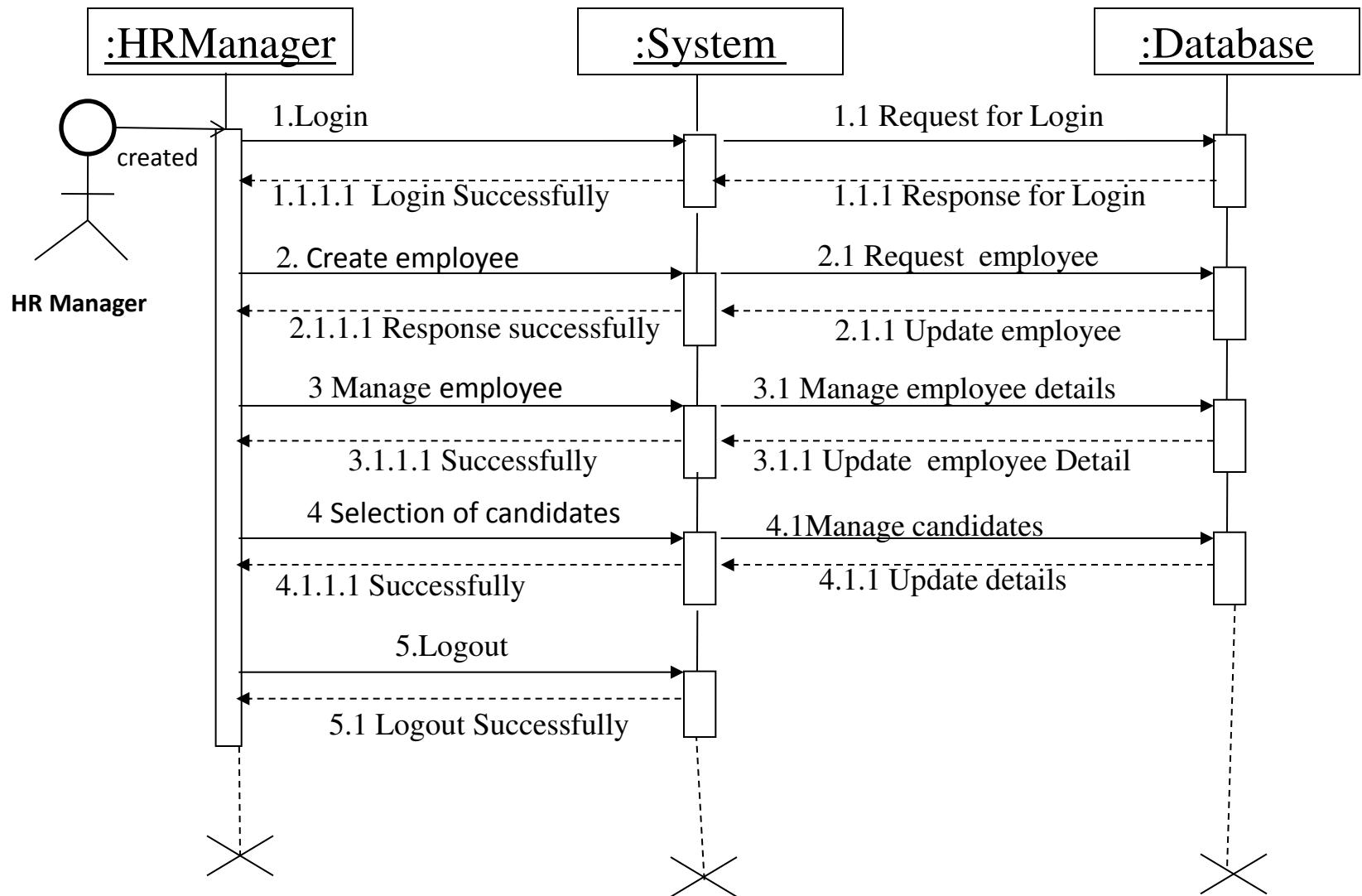


Sequence Diagram:-

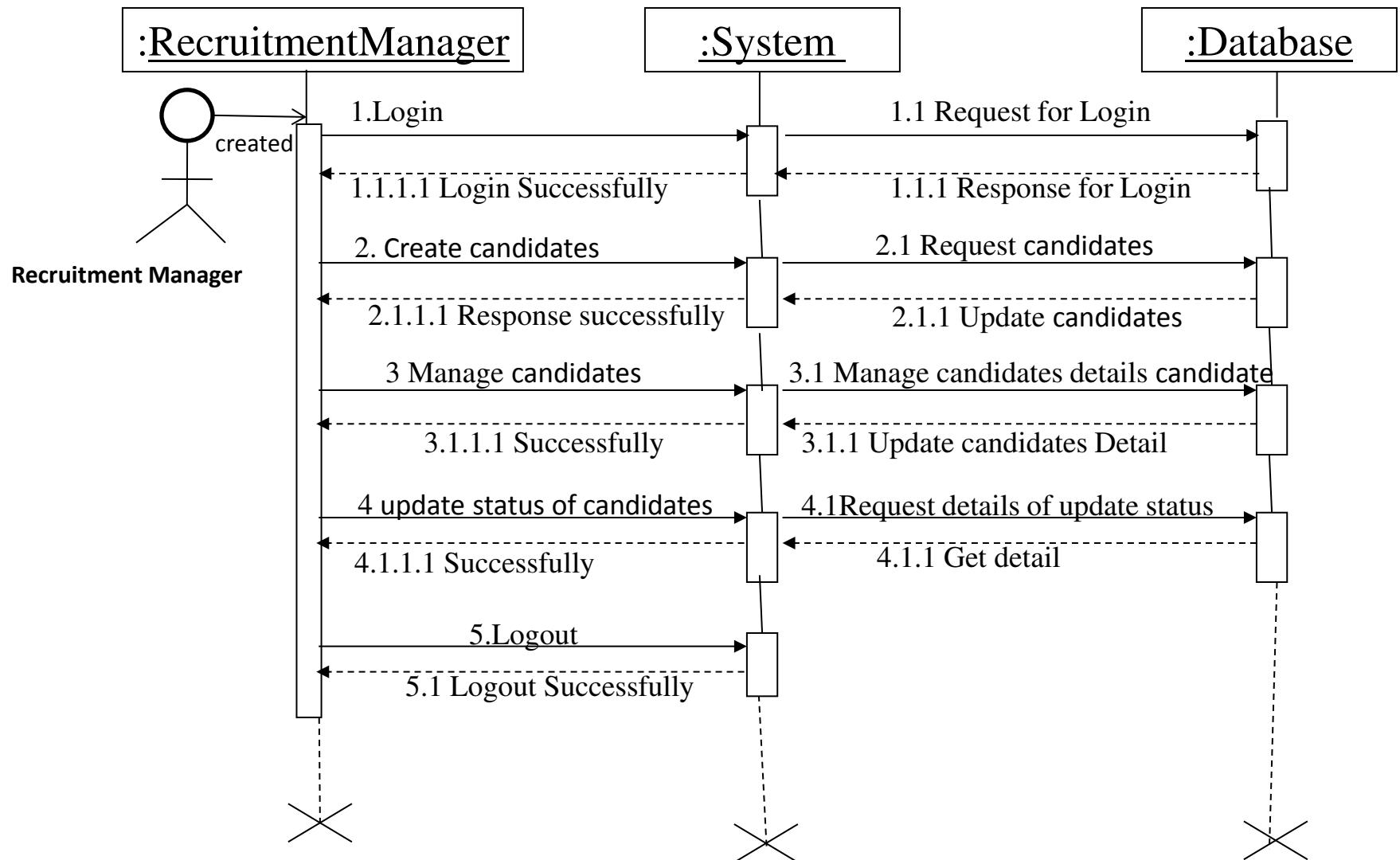
1). Sequence Diagram For Admin:-



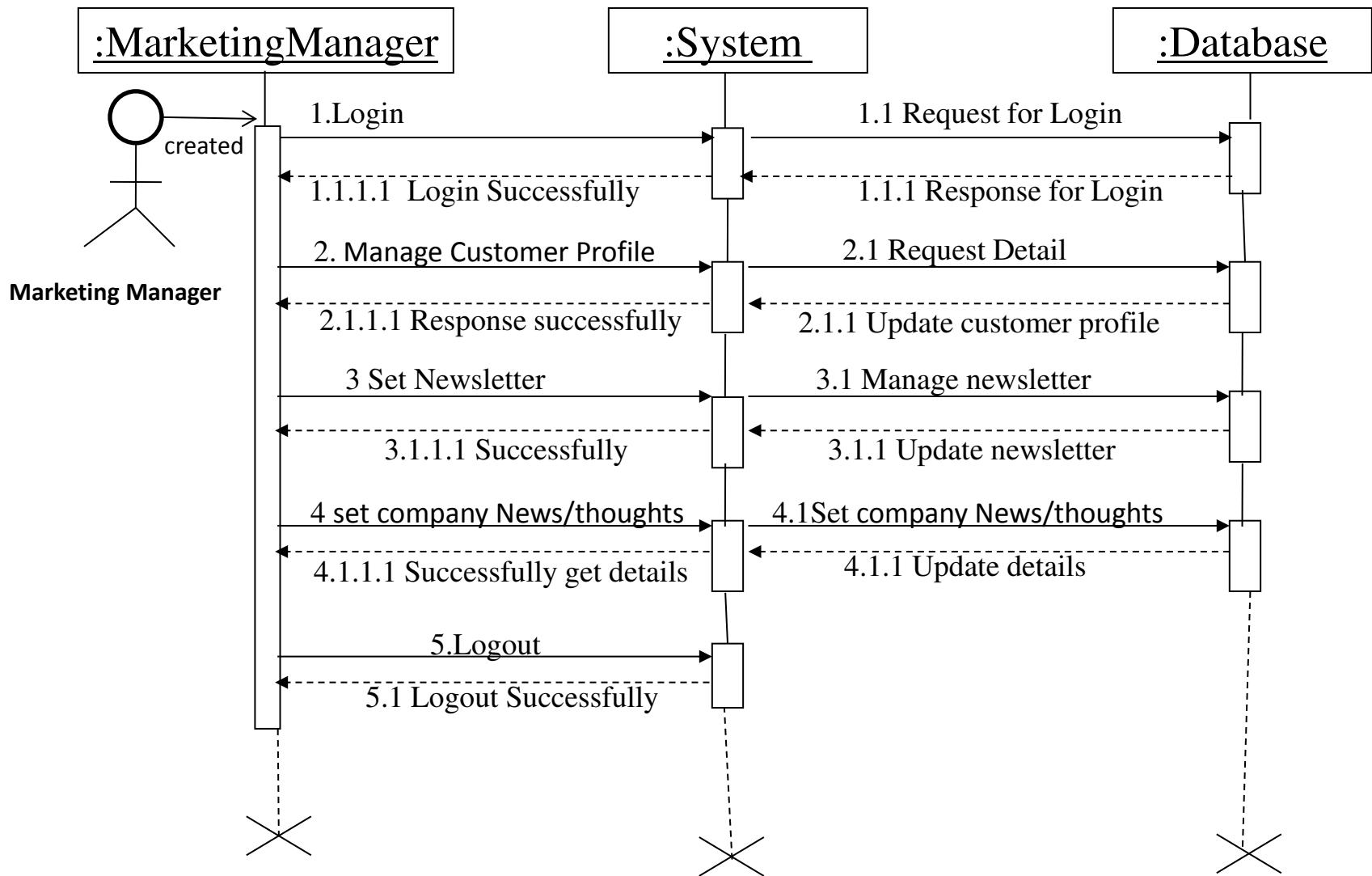
2). Sequence Diagram For Human Resource Manager:-



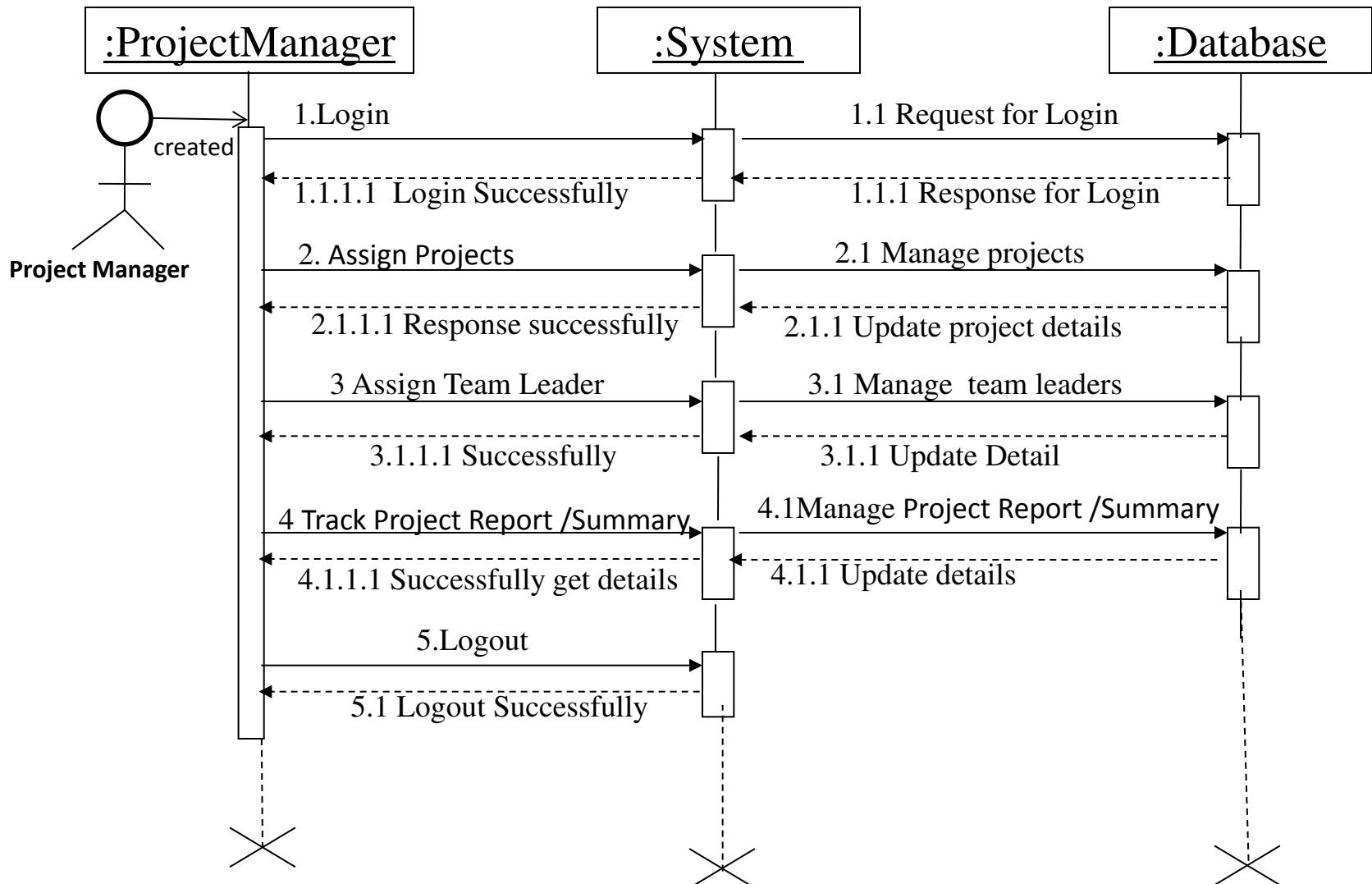
3).Sequence Diagram For Recruitment Manager:-



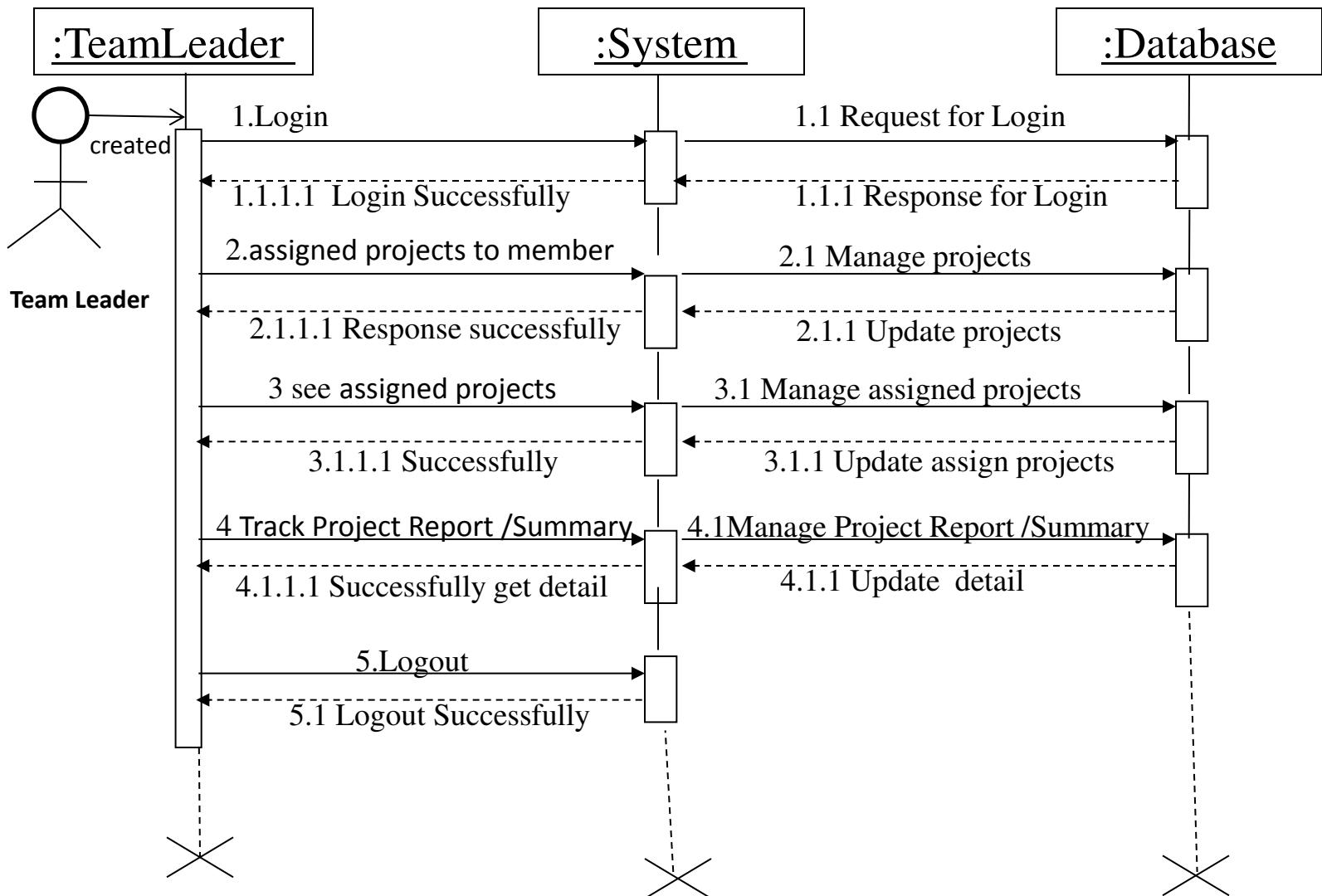
4).Sequence Diagram For Marketing Manager :-



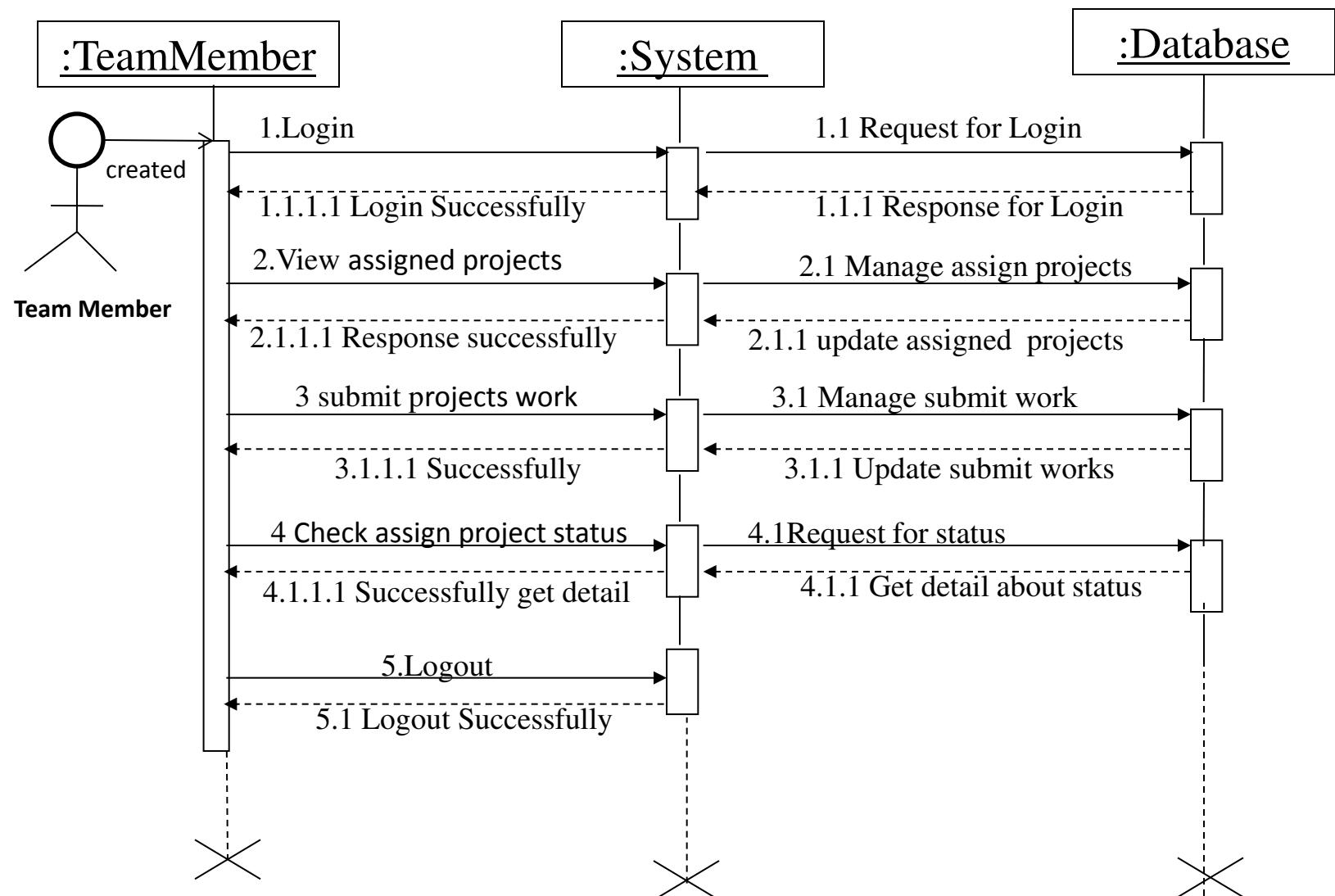
5).Sequence Diagram For Project Manager :-



6).Sequence Diagram For Team Leader :-

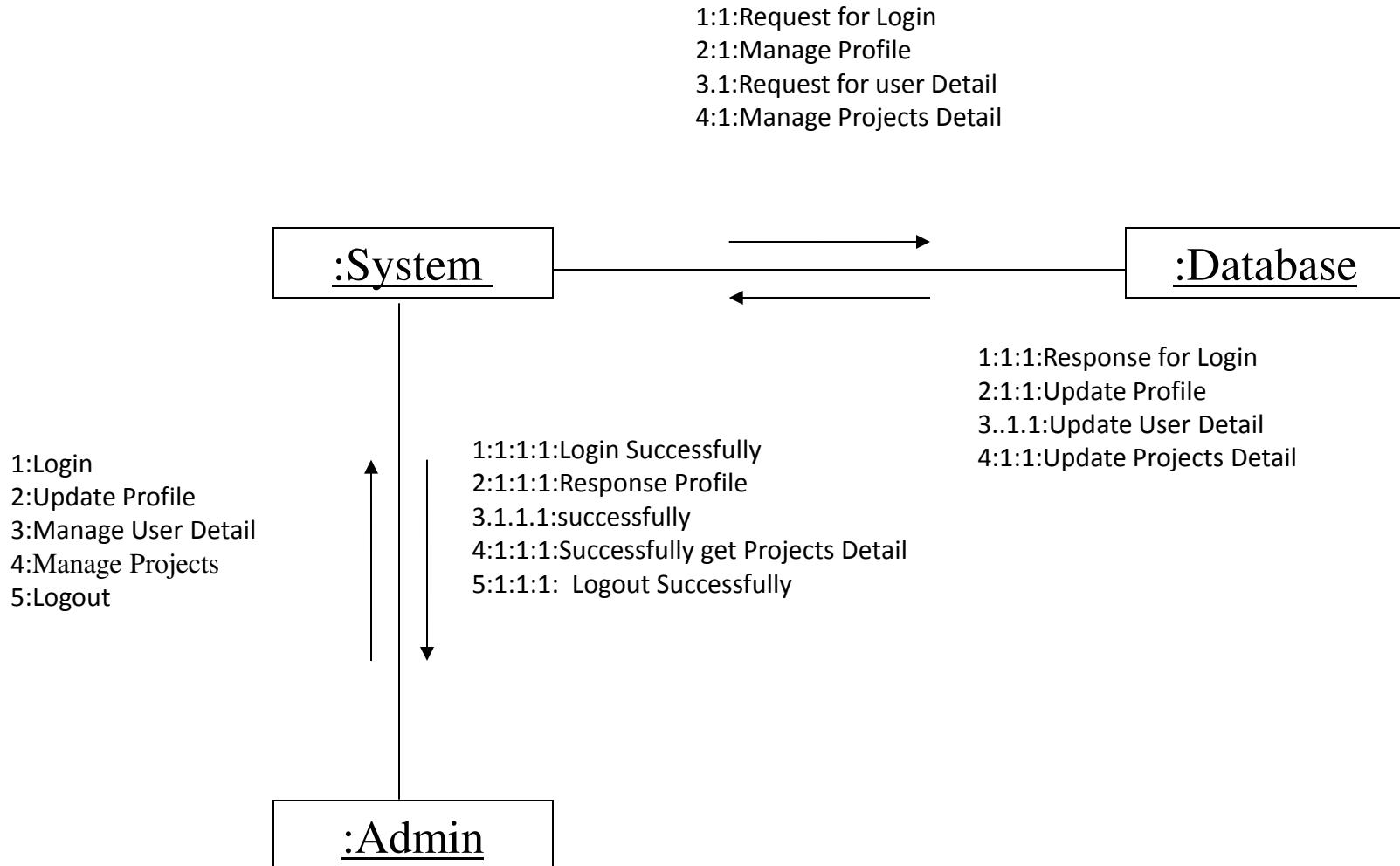


7).Sequence Diagram For Team Member :-

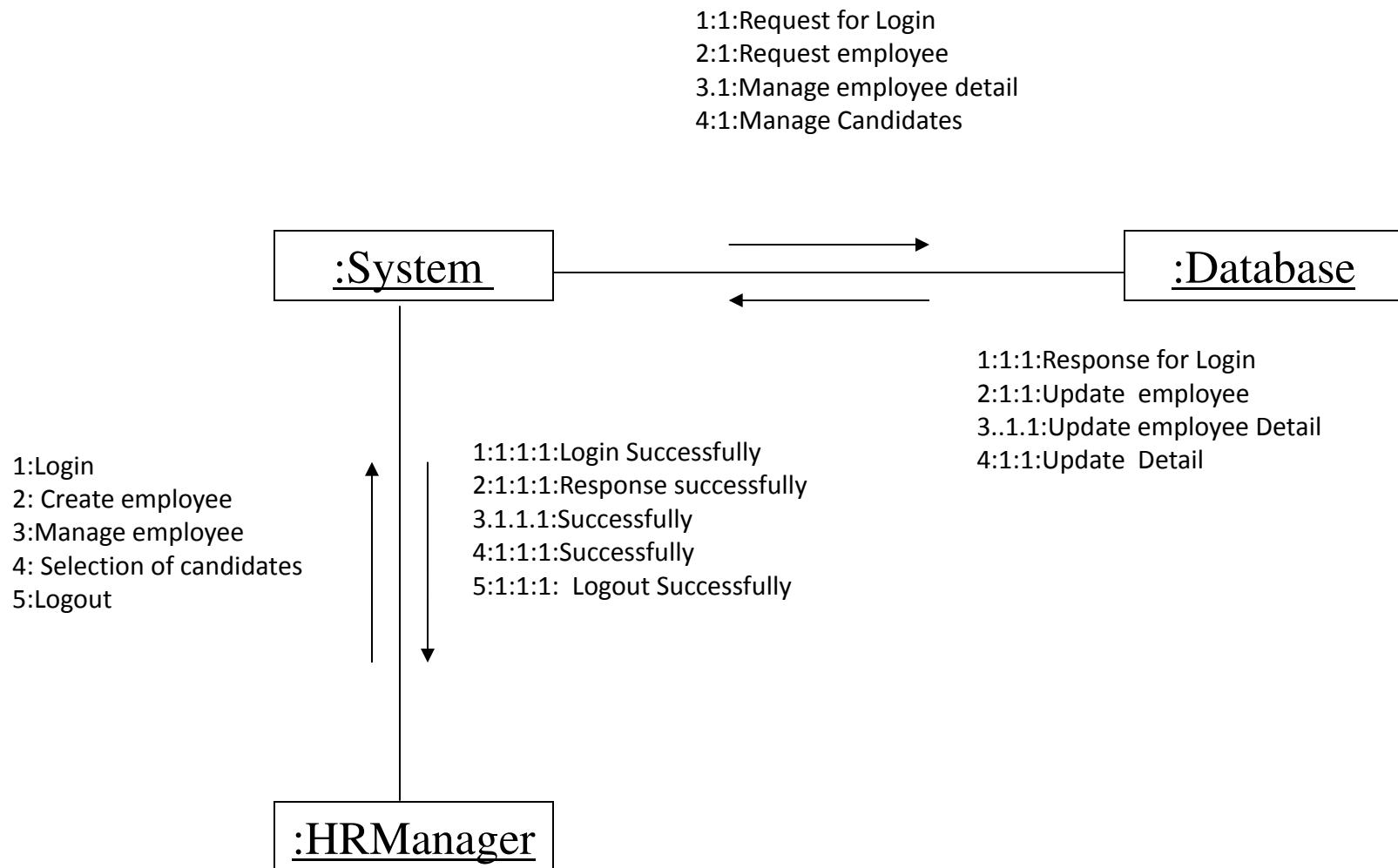


Collaboration Diagram:-

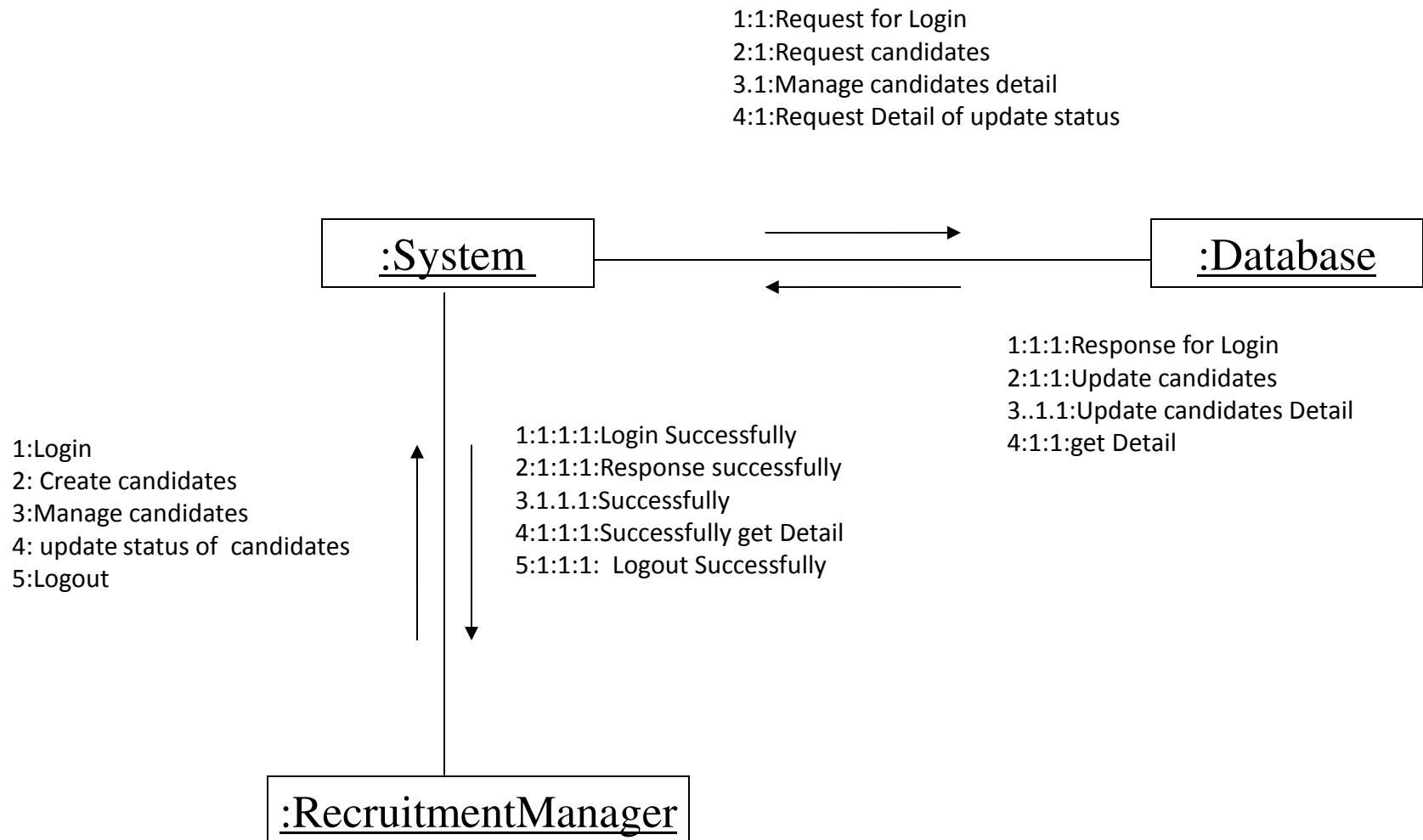
1) Collaboration diagram of Admin :-



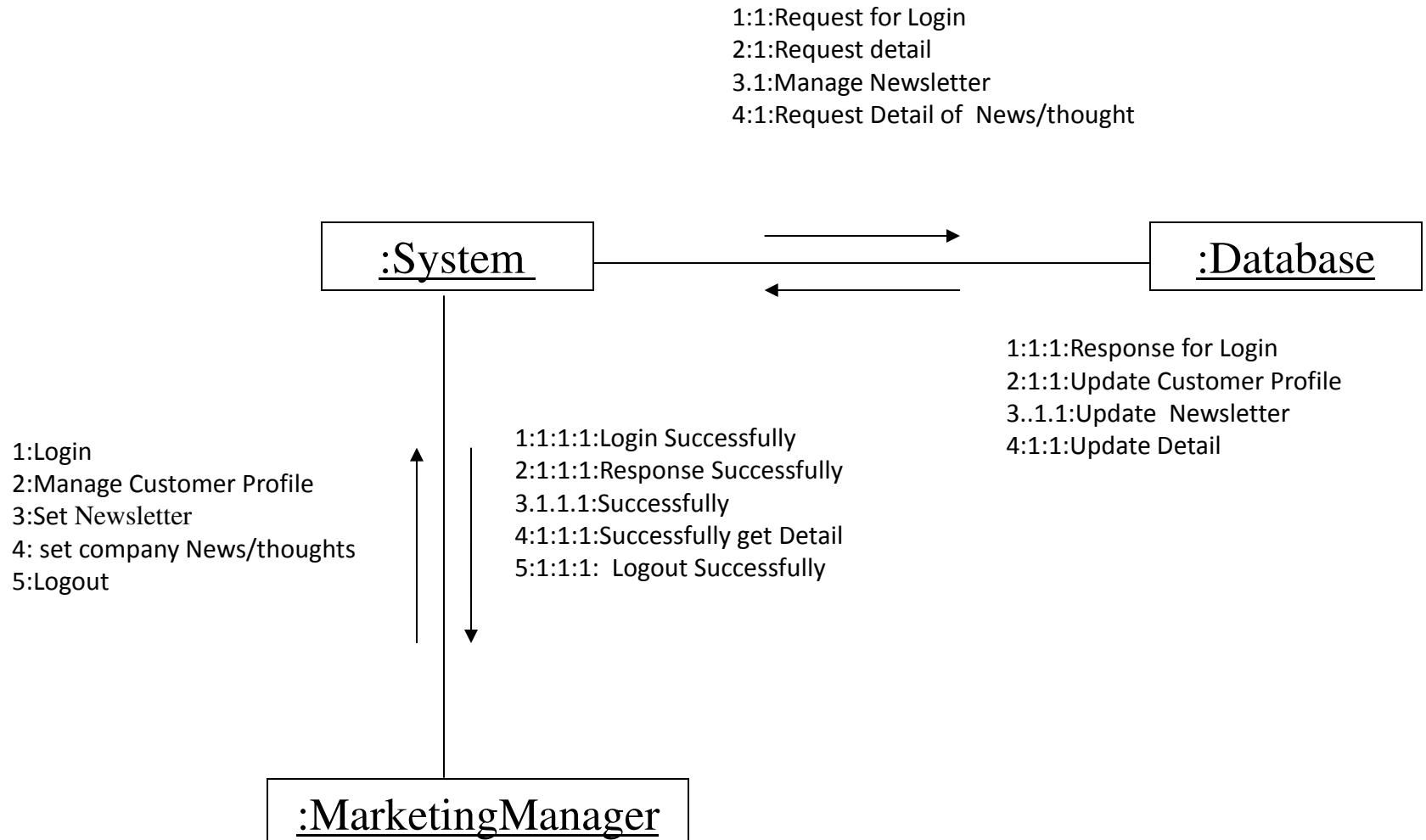
2)Collaboration diagram of HR manager :-



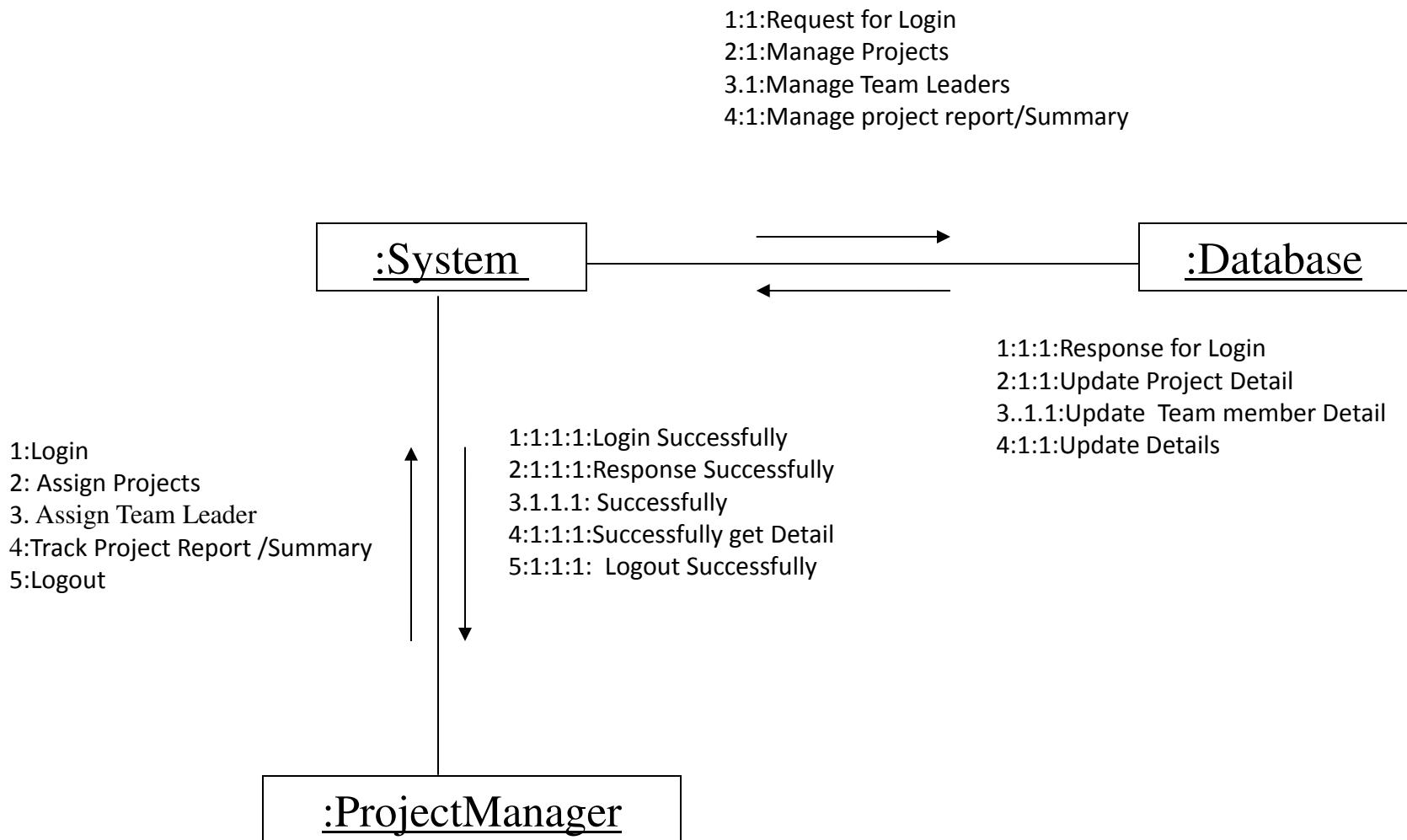
3)Collaboration Diagram of Recruitment manager :-



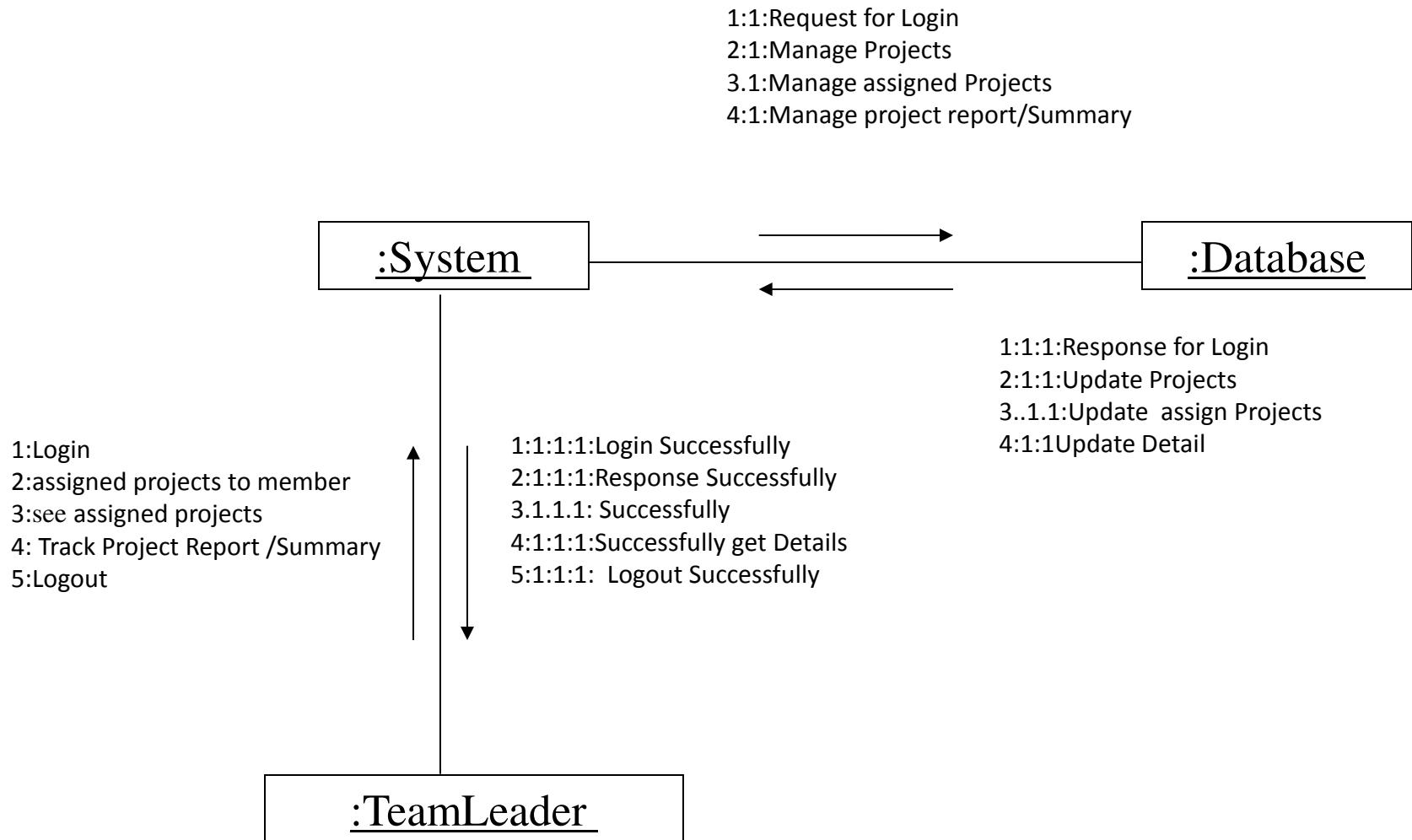
4) Collaboration Diagram of Marketing Manager :-



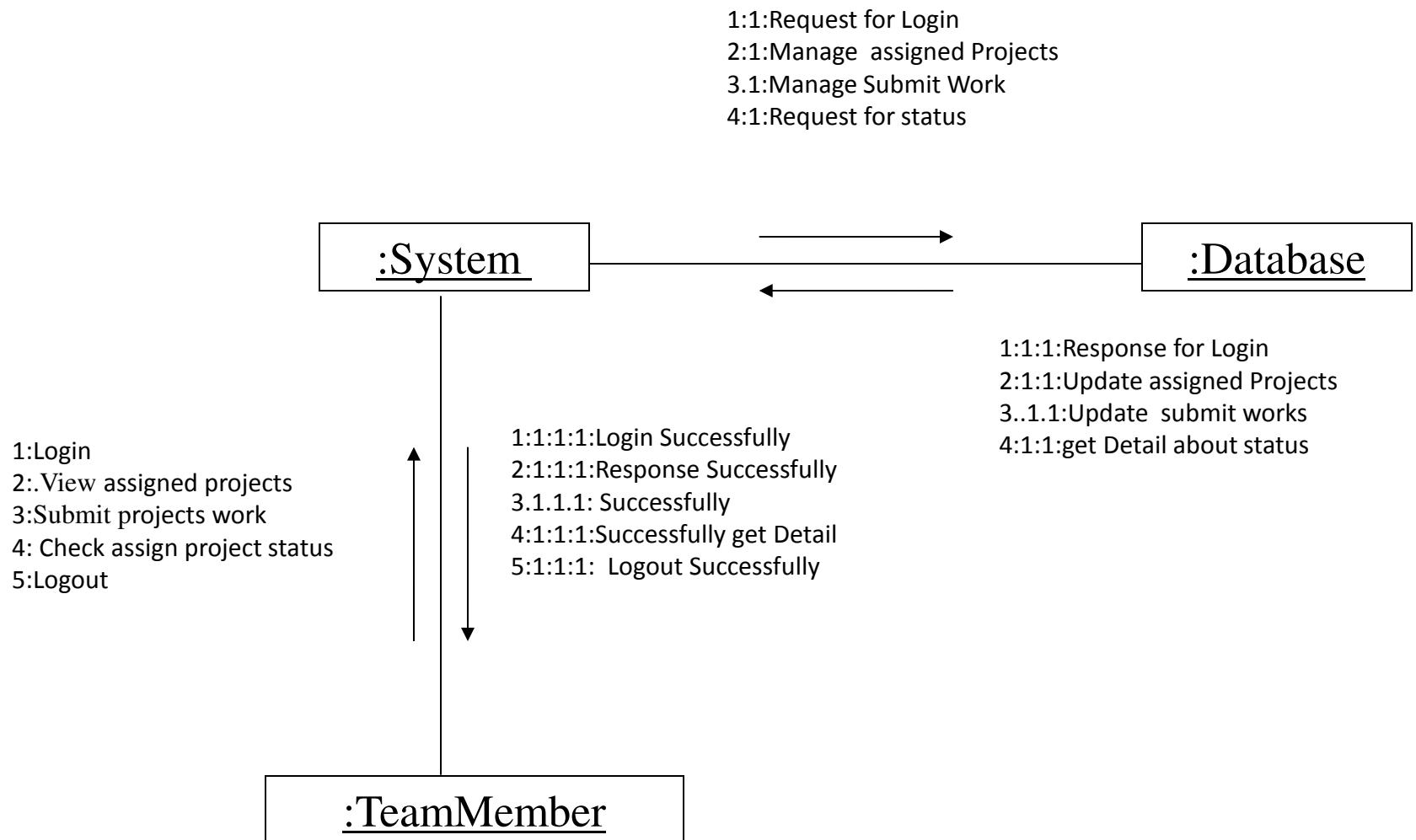
5)Collaboration Diagram of Project Manager:-



6) Collaboration Diagram of Team Leader:-



7) Collaboration Diagram of Team Member:-



DATA DICTIONARY :-

1) Login:-

Table name:-Login

Table Description:-This table is store login details

Primary key:-login_id

Fields	Datatype/Size	Constraints	Description
Login_id	int	Primary key	It is generates unique id
username	varchar(20)	Unique key	It is store username
password	Varchar(20)	Not Null	It is store date of login
usertype	Varchar(10)	Not null	It is store type of user

2) Employee_Details:-

Table name:-Employee_Details

Table Description:-This table is store employee information in details

Primary Key:- emp_Id

Foreign Key:- login_id

Fields	Datatype/Size	Constraints	Description
emp_id	int	primary key	Id of employee
name	varchar(20)	Not Null	name of employee
address	varchar(50)	Not Null	address of employee
country	varchar(20)	Not Null	country of employee
state	varchar(20)	Not Null	state of employee
city	varchar(20)	Not Null	city name of employee
dob	Date	Not Null	date of birth
contactNo	varchar(20)	Not Null	contact number
emailld	varchar(20)	Not Null	email address of employee
hireDate	Date	Not Null	date when the employee is hired
employeeType	varchar(20)	Not Null	admin,employee or HR , etc....
Login_id	int	Foreign Key	Id of login employee
loginStatus	Bit	Not Null	1 or 0 for login nd logout
imagePath	Varchar(MAX)	Not Null	To store the profile picture of employees
campanydesignation	Varchar(50)	Not null	Position of employee in company
CreatedBy	varchar(50)	Foreign Key	name of the employee who created the account
createdDate	Datetime	Not Null	date when the user has been registered
modifyBy	varchar(50)	Foreign Key	name of the employee who had modified the account
modifyDate	Datetime	Not Null	date when the user has been registered

3) Candidate_Details:-

Table name:-Candidate_Detail

Table Description:-This table is store applied candidates information in details

Primary Key:-Candidate_Id

Fields	Datatype/Size	Constraints	Description
Candidate_id	varchar(20)	Primary Key	It store candidate id
Name	varchar(20)	Not Null	Store the candidate name
Address	Varchar(50)	Not Null	Store the candidate's address
City	Varchar(20)	Not Null	Store the candidate's city
State	Varchar(20)	Not Null	Store the candidate's state
Country	Varchar(20)	Not Null	Store the candidate's country
ContactNo	Varchar(10)	Not Null	Store the candidate's phone number
DoB	Date	Not Null	Store the birth date
EmailID	varchar(50)	Not Null	Store the email ID
SchoolName	varchar(50)	Not Null	Store the passing school name
Marks10th	varchar(20)	Not Null	Store the percentage marks of 10
Marks12th	varchar(20)	Not Null	Store the percentage marks of 12
CollegeName	varchar(20)	Not Null	Store the college name
CPI	varchar(20)	Not Null	Store the CPI
Backlog	varchar(20)	Not Null	Mention the backlogs
Score	varchar(20)	Not Null	Store the interview score
CreatedBy	varchar(50)	Foreign Key	name of the user who added candidate
CreatedDate	Datetime	Not Null	date when this candidate is added
ModifyBy	varchar(20)	Foreign Key	name of the user who had modified the candidate details, reference of login_id
ModifyDate	Datetime	Not Null	date when the user had modified the details of candidate

4) Client_Details:-

Table name:-Client_Details

Table Description:-This table is store client details

Primary Key:-Client_id

Fields	Datatype/Size	Constraints	Description
client_id	int	primary key	Id of client , autoincrement
Name	varchar(20)	Not Null	name of the client
Address	varchar(20)	Not Null	address of the client
Country	varchar(20)	Not Null	country in which the client lives
State	varchar(20)	Not Null	state in which the client of
City	varchar(20)	Not Null	city in which the client lives
ContactNo	varchar(12)	Not Null	contact number of the client
Faxno	varchar(20)	Not Null	fax number of the client
Pincode	varchar(6)	Not Null	pin code of the clients residence area
email_id	varchar(30)	Not Null	email address of the client
createdBy	varchar(50)	Foreign Key	name of the user who created the client, reference login_id
createdDate	Datetime	Not Null	date when this client is added
modifyBy	varchar(50)	Foreign Key	name of the user who modified the client details , reference login_id
modifyDate	Datetime	Not Null	date when the user had modified the details of client

5) Project_master:-

Table name:- Project_master

Table Description:- This table is store project details

Primary Key:-project_Id

Foreign Key:-client_id

Fields	Datatype/Size	Constraints	Description
project_id	Int	primary key	id of assigned project, autoincrement
Client_id	Int	Foreign Key	Id of client
name	varchar(20)	Not Null	name of the project
language	Varchar(20)	Not Null	Store the name of project language
description	varchar(100)	Not Null	description of project in 100 words max.
companyName	varchar(20)	Not Null	name of the client whose this project is of
startDate	Date	Not Null	starting date of project
endDate	Date	Not Null	ending date of allocated project
emp_id	varchar(20)	Not Null	id of employee who is assigned to this project
createdBy	varchar(20)	Foreign Key	name of the user who created the project, reference of login_id
createdDate	Datetime	Not Null	date when this project is been allocated
modifyBy	varchar(20)	Foreign Key	name of the user who modified the project details , reference of login_id
modifyDate	Datetime	Not Null	date when the user has been registered

6) ProjectAllocation_detail:-

Table name:-ProjectAllocation_detail

Table Description:-.This table is store detail of allocated project

Primary Key:-ProjectAllocation_Id

Fields	Datatype/Size	Constraints	Description
ProjectAllocation_id	Int	Primary key	It is generate id ,auto increment
Project_id	Int	Reference Key	It is generate id of project
ProjectManager	Int	Not Null	It is allocate project manager , reference of login_id
TeamLeader	Int	Not Null	It is allocate team leader
TeamMembers	Int	Not Null	It is allocate team members
allocatedBy	varchar(20)	Foreign Key	It is store name of allocated person name , reference of login_id
allocatedDate	Datetime	Not Null	It is store date of allocation
modifyBy	varchar(20)	Foreign Key	It is store name of modified person name , reference of login_id
modifyDate	Datetime	Not Null	It is store date of modified

7) Module_Allocation:-

Table name :-Module_Allocation

Table Description:-.This table is store allocation of module

Primary Key:-Module_Id

Foreign Key:-TeamLeader

Fields	Datatype/Size	Constraints	Description
Module_Id	Int	Primary Key	It is generates id of module
ProjectAllocation_id	Int	Reference Key	It is generate id of project allocation
TeamLeader	Int	Foreign Key	It is allocate team leader
TeamMembers	Int	Not Null	It is allocate team members
allocatedBy	varchar(20)	Foreign Key	It is store name of allocated person name , reference of login_id
allocatedDate	Datetime	Not Null	It is store date of allocation
CreatedBy	varchar(20)	Foreign Key	It is store name of modified person name , reference of login_id
CreatedDate	Datetime	Not Null	It is store date of modified

8) News:-

Table name :-News

Table Description:-.This table is store news of company

Fields	Datatype/Size	Constraints	Description
News_Id	Int	Not Null	It is generates id of news
News	Varchar(50)	Not Null	It is store news
Client_id	Int	Reference Key	It is id of client
StartDate	Date	Not Null	It is store start date
EndDate	Date	Not Null	It is store end date
CreatedBy	varchar(20)	Foreign Key	It is store name of created person name , reference of login_id
CreatedDate	Datetime	Not Null	It is store date of created

Input Design:-

➤ Login : This page is login page.

The screenshot shows a web browser window for the Employee Management System. The title bar says "Welcome to OIS". The address bar shows "localhost:8741/Employee Management System/Login.aspx". The main content area features a logo of three stylized human figures in orange, yellow, and green, followed by the text "Employee Management System" in red. A navigation bar below the logo includes links for "Home", "About Us", "Contact Us", and "Log In". The "Log In" link is highlighted in blue. The central part of the page is titled "Login". It contains two input fields: one for "Username" and one for "Password", both represented by empty rectangular boxes. Below these fields is a "Login" button. At the bottom of the page is a dark footer bar with the text "Copyright © Mphase, India".



➤Forget Password : This page is forget password.

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

- Title Bar:** Welcome to OIS
- Address Bar:** localhost:8741/Employee Management System/ForgetPassword.aspx
- Toolbar:** Includes icons for Back, Forward, Stop, Refresh, Home, and others.
- Page Content:**
 - Logo:** A stylized human figure composed of colored segments (red, orange, green, blue) next to the text "Employee Management System".
 - Navigation Bar:** Home, About Us, Contact Us, Log In
 - Form Fields:** A "username" label followed by an empty input field.
 - Buttons:** A "get question" button.
 - Copyright:** Copyright © Mphase, India
- Taskbar:** Shows various pinned application icons (Windows, File Explorer, Control Panel, Task View, Internet Explorer, File Manager).
- System Tray:** Displays the date (11-11-2014), time (06:40), battery status, and other system icons.

➤ Admin Login Page: This page is admin login page.

The screenshot shows a web browser window titled "Welcome to OIS". The address bar displays "localhost:8741/Employee Management System/Admin/HomePageAdmin.aspx". The page content is divided into two main sections: "Employee Profile :-" and "Company Latest News :-".

Employee Profile :-

- Name:** rutu mistry
- Address:** 302 meghdhanush apartment
- Country:** india
- State:** gujarat
- City:** vapi
- Date Of Birth:** 08-07-1992 12.00.00 AM
- Contact Number:** 9429531678
- Email ID:** rutumistry92@gmail.com
- Company Name:** Mphase
- Department Name:** Development
- Designation:** Employee

Company Latest News :-

- share market rates goes high
- 1st prise for advertisement
- collabration with DELL
- our new patner - Microsoft
- new branch in Pune
- consistence performer-priyanka kothari
- new branch in pune
- new CEO Mr.Anil Chaudhary
- 4th in leading market.
- Hiring new innovative freshers for the role of system engineer.

At the bottom of the page, there are two buttons: "Edit" (highlighted in orange) and "Change Password". The browser's taskbar at the bottom shows various pinned icons, and the status bar indicates the time as 08:07 and the date as 14-12-2014.

➤Create Client: This page is create a client.

Welcome to OIS

localhost:8741/Employee Management System/Admin/Clients.aspx

Profile Projects Client Reports Logout

Select Operation :- Create Clients

CLIENT ID :- 31

NAME :- Dhwani

ADDRESS :- Ankur Cross Road

COUNTRY :- india

STATE :- Select

CITY :- Select

CONTACT NUMBER :- 9857462581

EMAIL ID :- levang1882@yahoo.com

FAX NUMBER :- 2586453

Save

Copyright © Mphase, India



➤ Manage Clients: This page is manage a clients.

The screenshot shows a web browser window titled "Welcome to OIS". The address bar displays "localhost:8741/Employee Management System/Admin/Clients.aspx". The page header includes links for "Profile", "Projects", "Client", "Reports", and "Logout". A dropdown menu labeled "Select Operation :-" contains the option "Manage Clients". Below this, form fields are displayed for client information:

- CLIENT ID :- 31
- NAME :-
- ADDRESS :-
- COUNTRY :-
- STATE :-
- CITY :-
- CONTACT NUMBER :-
- EMAIL ID :-
- FAX NUMBER :-

A "Save" button is located below the form fields. The footer of the page contains the copyright notice "Copyright © Mphase, India". The system tray at the bottom right shows the date and time as "11-11-2014 06:52".

➤Create Project: This page is create a project.

The screenshot shows a web application interface for creating a project. The top navigation bar includes links for Profile, Projects, Client, Reports, and Logout. The main content area displays a form with the following fields:

Select operation:	<input type="button" value="create project"/>
Project ID:	18
Project Name:	Tata Motors Info
Project Description:	manage the details and more information of motors
Start Date:	2014-12-08
End Date:	2015-02-16
Client Name:	nupur
Company Name:	elecon
Department Name:	management
<input type="button" value="Add Project"/>	

The bottom taskbar shows various application icons, and the system tray indicates the date as 11-11-2014 and the time as 06:57.

➤Employee Login: This page is employee login page.

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

- Title Bar:** Welcome to OIS
- Address Bar:** localhost:8741/Employee Management System/HomePageUser.aspx
- Toolbar:** Back, Forward, Stop, Refresh, Home, etc.
- Header:** Profile, Reports, LogOut
- Content Area:**
 - Employee Profile :-** harsh goswami
 - Company Latest News :-**
 - Employee ID:** 4
 - Name:** harsh goswami
 - Address:** b-78 pushpak residency,refinery road **Hiring new innovative freshers for the role of system engineer.**
 - Country:** india **share market rates goes high**
 - State:** gujarat **1st prise for advertisement**
 - City:** baroda **collabration with DELL**
 - Date Of Birth:** 08-01-1986 12.00.00 AM **our new patner - Microsoft**
 - Contact Number:** 9876787877 **new branch in Pune**
 - Email ID:** harshmontu@gmail.com **consistence performer-priyanka kothari**
 - Company Name:** Mphase **new branch in pune**
 - Department Name:** Development **new CEO Mr.Anil Chaudhary**
 - Designation:** Employee
- Buttons:** Edit (highlighted in orange), Change Password
- Footer:** Project Name: social networking portal End Date: 01-12-2015 12.00.00, 08:08, 14-12-2014

➤Create Employee: This page is create an employee.

Welcome to OIS

localhost:8741/Employee Management System/HR/Employees.aspx

Profile Employees LatestNews Reports LogOut

Select Operation: Create Employee

EMPLOYEE ID	11
NAME	Preyas
ADDRESS	Maninagar
COUNTRY	India
STATE	gujarat
CITY	Ahmedabad
CONTACT NO	9875462130
EMAIL ID	preyas1994@yahoo.com
EMPLOYEE TYPE	Team Leader
COMPANY NAME	MPhase
COMPANY LOCATION	hydrabad
DEPARTMENT NAME	management
DATE OF BIRTH	25/9/1991
HIRE DATE	22/8/2014

SAVE

Copyright © Mphase, India

07:04
11-11-2014

➤ Manage employee: This page is manage an employee.

Connecting... +

localhost:8741/Employee Management System/HR/Employees.aspx

g Google

Profile Employees LatestNews Reports LogOut

Select Operation: ManageEmployee Failed to convert parameter value from a String to a Int32.

EMPLOYEE ID: 7

Get Employee

NAME: SONA

ADDRESS: gkgkh

COUNTRY: anand

STATE: elecon

CITY: it

CONTACT NO: 6786876

EMAIL ID: tgt@hj.com

EMPLOYEE TYPE: HR

COMPANY NAME: 1

DEPARTMENT NAME: 1

DATE OF BIRTH: 08-07-1978 12.00.00 AM

HIRE DATE: 09-08-2009 12.00.00 AM

EDIT DELETE

Waiting for localhost...

Copyright © Mphase, India

07:06
11-11-2014

➤Latest News: This page is update latest news.

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

- Address Bar:** http://localhost:...LatestNewsM.aspx
- Title Bar:** localhost:8741/Employee Management System/Marketing/LatestNewsM.aspx
- Search Bar:** Google
- Header:** Employee Management System (with a logo of a stylized person)
- Navigation Bar:** Profile, News Letter, Latest News, Reports, LogOut
- Content Area:**
 - Section: Today's Latest News :-
 - Text area: Message:-
Today's company's fifth anniversary..... so congrats for all company staff
 - Submit button
- Footer:** Copyright © Mphase , India
- Taskbar:** Shows various pinned icons (Windows, File Explorer, Control Panel, Task View, Internet Explorer, File Manager) and system status icons (Wi-Fi, Battery, Volume, etc.).
- System Tray:** Date (11-11-2014), Time (07:12)

➤ News Letter: This page is send news letter.

The screenshot shows a web browser window for the 'Employee Management System'. The URL in the address bar is <http://localhost:8741/Employee Management System/Marketing/Newsletter.aspx>. The page title is 'Employee Management System' with a logo featuring three stylized human figures. A navigation menu at the top includes 'Profile', 'News Letter' (which is highlighted in blue), 'Latest News', 'Reports', and 'LogOut'. Below the menu, a dropdown menu titled 'Select Customer:' lists names: mistry, kabar, nupur, kavita (selected), and Harsh. To the right of the dropdown is a text area containing a sample newsletter message:

Hiiiii..... Kavita
This is sample of news letter.....

Below the message, there is an 'Email Content:' label and a 'Send Email' button. At the bottom of the page is a dark footer bar with the text 'Copyright © Mphase , India'. The taskbar at the bottom of the screen shows several open application icons, including Windows File Explorer, Microsoft Edge, and other system utilities. The system tray on the right shows the date and time as 07:58 11-11-2014.

➤ Project Allocation: This page is allocation of projects.

The screenshot shows a web browser window titled "Welcome to OIS" with the URL "localhost:8741/Employee Management System/ProjectManager/ManageProjectManager.aspx". The main content area displays the "Employee Management System" logo and a navigation menu with links for Profile, Project, Project Manager, Team Leader, Reports, and LogOut. Below the menu, there is a form for project allocation:

Project Name:	<input type="button" value="--Select--"/>
Project Id:	<input type="text" value="1"/>
Description:	<input type="text" value="hjhaffdkikdfj"/>
Client Name:	<input type="text" value="Nishit"/>
Company Name:	<input type="text" value="elecon"/>
Department Name:	<input type="text" value="management"/>
Project Manager:	<input type="button" value="--Select--"/>
<input type="button" value="Allocate"/>	

At the bottom of the page, a dark footer bar contains the text "Copyright © Mphase , India". The taskbar at the bottom of the screen shows various application icons and the system clock indicating "08:01 11-11-2014".

➤ Team Leader Allocation: This page is allocation of team leader.

The screenshot shows a web browser window titled "Welcome to OIS". The address bar displays "localhost:8741/Employee Management System/ProjectManager/ManageTeamLeader.aspx". The main content area features the "Employee Management System" logo and a navigation menu with links for Profile, Project, Project Manager, Team Leader, Reports, and LogOut. The "Team Leader" link is highlighted in blue. Below the menu, a form is displayed with the following fields:

Select operation:	<input type="button" value="allocate team leader ▾"/>
Project Name:	<input type="button" value="social networking portal ▾"/>
Team Leader:	<input type="button" value="shvangi ▾"/>
<input type="button" value="Allocate"/>	

At the bottom of the page, a dark footer bar contains the text "Copyright © Mphase , India". The taskbar at the bottom of the screen shows several pinned application icons, including File Explorer, Task View, Edge, and File History. The system tray in the bottom right corner displays the date and time as "11-11-2014 08:03".

➤Create Candidate: This page is create candidate.

http://localhost:...er/Candidate.aspx

localhost:8741/Employee Management System/RecruitingManager/Candidate.aspx

Google

NAME

ADDRESS

COUNTRY

STATE

CITY

CONTACT NO

DATE OF BIRTH

EMAIL ID

SCHOOL NAME

SSC MARKS

HSC MARKS

COLLEGE NAME

CPI

BACKLOG



08:12
11-11-2014

➤Select Team Members: This page is select team members.

The screenshot shows a web browser window for the Employee Management System. The title bar says "Welcome to OIS". The address bar shows "localhost:8741/Employee Management System/TeamLeader/Team Members.aspx". The page header features a logo of three stylized human figures in orange, green, and blue, followed by the text "Employee Management System". A navigation menu at the top includes "Profile", "Team Members" (which is highlighted in red), "Reports", and "LogOut".

The main form contains the following fields:

Select operation:	<input type="button" value="Select Team Members"/>
Project Name:	<input type="text" value="social networking portal"/>
Project ID:	<input type="text" value="13"/>
Project Description:	<input type="text" value="bulk messaging,
personal chat,
updates news"/> <small>[...]</small>
Client Name:	<input type="text" value="mistry"/>
Company Name:	<input type="text" value="elecon"/>
Department Name:	<input type="text" value="management"/>
Team Leader:	<input type="text" value="sejal"/>
Team Member:	<input type="button" value="gopi"/>
<input type="button" value="Allocate"/>	

A copyright notice at the bottom states "Copyright © Mphase, India".



➤ Remove Team Members: This page is remove team members.

The screenshot shows a web browser window for the Employee Management System. The title bar says "Welcome to OIS". The address bar shows "localhost:8741/Employee Management System/TeamLeader/Team Members.aspx". The page header features a logo of three stylized human figures in red, green, and blue, followed by the text "Employee Management System". A navigation menu at the top includes "Profile", "Team Members" (which is highlighted in blue), "Reports", and "LogOut".

The main content area contains form fields for removing a team member:

- Select operation:
- Project Name:
- Project ID:
- Project Description:
- Client Name:
- Company Name:
- Department Name:
- Team Leader:
- Team Member:
-

At the bottom, a dark footer bar displays the copyright information: "Copyright © Mphase, India".

The taskbar at the bottom of the screen shows several pinned icons: Windows, File Explorer, Control Panel, Task View, Edge, and File Explorer again. The system tray shows the date and time: "08:19 11-11-2014".

Output Design:-

➤ **List of Clients : This page is report of all clients.**

The screenshot shows a Microsoft Windows desktop environment with a pink header bar. The title bar reads "Welcome to OIS" and the address bar shows "localhost:8741/Employee Management System/Reports/ReportAdminClients.aspx". The main content area features a logo of a stylized person in orange, yellow, green, and blue, followed by the text "Employee Management System" in red. Below this, a purple header says "List Of All Clients" and a "Back" button is visible. A toolbar below the header includes icons for search, refresh, and other functions. The main body contains a table with 7 rows of client data:

<u>Client Id</u>	<u>Client Name</u>	<u>Address</u>	<u>Country</u>	<u>State</u>	<u>City</u>	<u>Contact No</u>	<u>Fax No</u>	<u>Email</u>
1	hitesh gandhi	B-202,sagar apartments, near kannadasangh hall,	india	gujarat	bhilad	9898767654	78874	h_gandhi22@ymail.com
2	vaidehi agrawal	B101 yash co-opetive housing society,iskon temple	india	maharashtra	mumbai	9898766763	49576	gopi1987@gmail.com
3	priyanka kothari	304-himmatsing, behind park avenuetak	india	gujarat	baroda	9812235452	98456	priyankaKotha@ymail.com
4	damini saraiya	18-white house, near gujnjian char rasta	india	punjab	amritsar	9128766566	65478	sweetdamini@gmail.com
5	nargis mehta	b-78 pushpak residency,refinery road	india	tamil nadu	renuganta	9375221322	78567	nargis23@yahoo.com
6	anil choksi	22 saurabhi vatika,near ramvatika society	india	maharashtra	pune	9432657487	87564	anil_choksi12@gmail.com
7	niraj maheshwari	b-202 royal gens, daman road, vapi	india	tamil nadu	madurai	9899543434	56912	niraj007@redifmail.com

The taskbar at the bottom shows various pinned icons and the system clock indicates it's 08:12 on 14-12-2014.

➤ Project Report: This page is report of all projects.

Welcome to OIS

localhost:8741/Employee Management System/Reports/reportADMINprojects.aspx

Employee Management System

Select Project Type :- CurrentProjects Back

1 of 1 Find | Next

Project Id	Project Name	Description	Start Date	End Date	Client Name	Project Manager
5	bulk mailing portal	advertising,bulk mailing, saving d address book	9/28/2014 12:00:00 AM	12/15/2014 12:00:00 AM	vaidehi agrawal	nupur mehera
14	GPS tracking system	location of car,mobile etc	10/26/2014 12:00:00 AM	12/22/2014 12:00:00 AM	anil choksi	priyanka kothari
1	Billing application	bill, invoice,inventory	3/8/2014 12:00:00 AM	5/1/2015 12:00:00 AM	hitesh gandhi	nupur mehera
2	online shopping portal	shoping cart, credit cart	5/10/2014 12:00:00 AM	6/4/2015 12:00:00 AM	priyanka kothari	priyanka kothari
13	social networking portal	bulk messaging, personal chat, updates news	10/11/2014 12:00:00 AM	12/1/2015 12:00:00 AM	priyanka kothari	nupur mehera

Windows File Internet Explorer Mozilla Firefox Edge Task View Taskbar 08:13 14-12-2014

➤ Company Report: This page is report of company.

The screenshot shows a web browser window titled "Welcome to OIS". The address bar displays "localhost:8741/Employee Management System/Reports/reportAdminCompany.aspx". The main content area is titled "List Of All Company". A table lists nine companies with columns: Company Id, Company Name, Address, Country, State, City, and Phone N. The table rows are numbered 1 through 9. The last row (Company Id 9) is highlighted in grey. Navigation buttons for first, previous, next, and last are visible at the top of the table. A "Back" button is located in the top right corner of the browser window.

<u>Company Id</u>	<u>Company Name</u>	<u>Address</u>	<u>Country</u>	<u>State</u>	<u>City</u>	<u>Phone N</u>
1	Mphase	1002,shashwat heights,90 feet road	india	gujarat	anand	947678763
2	Mphase	709-pramukh hills, charvada road, vapi	india	gujarat	baroda	988745635
3	Mphase	3-kailash vilas, gokul vihar society, bopal road	india	gujarat	ahmedabad	938654645
4	Mphase	18-white house, near gujanan char rasta	india	gujarat	surat	981323467
5	Mphase	21 ajit temnament, waghodiya	india	gujarat	vapi	947635265
6	Mphase	22 saurabhi vatika,near ramvatika society	india	gujarat	mahesana	983764536
7	Mphase	b-78 pushpak residency,refinery road	india	maharashtra	pune	936547867
8	Mphase	507,shreyash tower, vip road	india	tamil nadu	vellor	993847563
9	Mphase	304-himmatsons	india	maharashtra	kalvan	932122674



➤Approved Candidates: This page is report of approved candidates.

Welcome to OIS

localhost:8741/Employee Management System/Reports>List Of Employees.aspx

Approved Candidates

Back

1 of 2 Find | Next

ID	Name	Address	Country	State	City	Date Of Birth	Contact No	Email Id	Company Name	Department	Hire Date	D
1	rutu mistry	302 meghdhanush appartment	india	gujarat	vapi	7/8/1992 12:00:00 AM	9429531678	rutumistry92@gmail.com	Mphase	Development	8/9/2009 12:00:00 AM	
2	nupur mehera	507,shreyash tower, vip road	india	gujarat	surat	10/10/1989 12:00:00 AM	8768768688	nupurmehra@yahoo.com	Mphase	Development	2/9/2013 12:00:00 AM	P
3	sejal patel	plot 5, patel fadiyu, ladvel road	india	gujarat	ladvel	7/19/1993 12:00:00 AM	9887632111	sejupatel@gmail.com	Mphase	Development	2/9/2013 12:00:00 AM	
4	harsh goswami	b-78 pushpak residency,refinery road	india	gujarat	baroda	1/8/1986 12:00:00 AM	9876787877	harshmontu@gmail.com	Mphase	Development	8/9/2009 12:00:00 AM	
5	raxita gungaliya	1002,shashwat heeights,90 feet road	india	gujarat	ahmedabad	6/22/1991 12:00:00 AM	8878989887	raxitaxi@yahoo.com	Mphase	Development	8/9/2009 12:00:00 AM	
6	hitesh gandhi	B-202,sagar appartments, near kannadasangh hall,	india	gujarat	mahesana	2/8/1985 12:00:00 AM	9421975678	h_gandhi22@ymail.com	Mphase	Development	8/9/2009 12:00:00 AM	
7	priya trivedi	21 ajit ternaments, waghodiya	india	gujarat	baroda	3/25/1987 12:00:00 AM	8934567343	priyaTriedi@rediffmail.com	Mphase	Development	8/9/2009 12:00:00 AM	
8	vaidehi agrawal	B101 yash co-opetive housing society,iskon	india	gujarat	himmatnagar	11/29/1987 12:00:00 AM	9127656834	gopi1987@gmail.com	Mphase	Development	8/9/2009 12:00:00 AM	

Windows File Internet Explorer Firefox Edge 08:10 14-12-2014

➤List of Candidates: This page is list of candidates.

Welcome to OIS

localhost:8741/Employee Management System/Reports>List Of Candidates.aspx

Google

Employee Management System

Scores Of Candidates

1 of 1 Find | Next

<u>Id</u>	<u>Name</u>	<u>Address</u>	<u>City</u>	<u>State</u>	<u>Country</u>	<u>Contact No</u>	<u>Date Of Birth</u>	<u>Email Id</u>	<u>School Name</u>	<u>SSC</u>	<u>HSC</u>	<u>College N</u>
5	sneha mehta	18-white house, near gujjan char rasta	surat	gujarat	india	8754365456	2/13/1989 12:00:00 AM	snehaLadu@rediffmail.com	Gyandham high school	65	82	L.J.I.T
4	vimal parikh	meghdhanush app	vapi	gujarat	india	9883212114	12/12/1976 12:00:00 AM	vimalRocky@yahoo.com	rajpipla public school	86	75	MS univer
3	hemal kamdar	plot 11, mahavir nagar,n.h.no8	ahmedabad	gujarat	india	9812746534	7/9/2008 12:00:00 AM	dashinghemu@gmail.com	swaminayan gurukul	83	69	S.V.I.T
2	kritika majumdar	304-himmatsing, behind park avenuetak	baroda	gujarat	india	8768768688	7/8/1989 12:00:00 AM	kritimajumdar@ymail.com	sarwajanik high school	72	67	Nirma
1	shivani patel	709-pramukh hills, chanvada road, vapi	anand	gujarat	india	9876543216	12/12/1976 12:00:00 AM	shivanipatel9@gmail.com	upasana lions	69	80	L.D

08:15
14-12-2014

➤ Log Report: This page is log report.

The screenshot shows a web browser window titled "Welcome to OIS". The address bar displays "localhost:8741/Employee Management System/Reports/ReportLog.aspx". The main content area features the "Employee Management System" logo (a stylized person icon) and the title "Log Report". A navigation bar below the title includes a "Back" button. Below the navigation bar is a search bar with fields for "Find" and "Next", and a dropdown menu. The central part of the page is a table showing login logs:

<u>Id</u>	<u>Username</u>	<u>Date Of Login</u>
123	rm	12/14/2014 8:15:16 AM
120	rm	12/14/2014 8:11:46 AM
112	rm	12/4/2014 10:13:05 PM

The bottom of the screen shows the Windows taskbar with several pinned icons and the system tray on the right.

➤ **Score of Candidates:** This page is report about score of candidates.

Welcome to OIS

localhost:8741/Employee Management System/Reports/Scores.aspx

Google

Employee Management System

List Of All Candidates

Back

1 of 1 Find Next

Candidate Id	Name	Contact No	Aptitude Score	Interview Score	HR Confirmation
5	sneha mehta	8754365456	38	8	Yes
4	vimal parikh	9883212114	45	6	Yes
3	hemal kamdar	9812746534	40	7	Yes
2	kritika majumdar	8768768688	29	8	No
1	shivani patel	9876543216	39	7	No

08:16 14-12-2014

➤List of Team Leader: This page is list of team leader.

Welcome to OIS

localhost:8741/Employee Management System/Reports/reportPMListTL.aspx

Google

Employee Management System

Select Project :- real estate management system

Back

1 of 1 Find | Next

<u>Team Leader Id</u>	<u>Name</u>	<u>Company Name</u>	<u>Department Name</u>	<u>Contact No.</u>
11	bunty maheshwari	Mphase	Development	8097456732
11	bunty maheshwari	Mphase	Management	8097456732
11	bunty maheshwari	Mphase	Testing	8097456732
3	sejal patel	Mphase	Development	9887632111
3	sejal patel	Mphase	Management	9887632111
3	sejal patel	Mphase	Testing	9887632111

Windows File Explorer Internet Explorer Edge Task View Taskbar 08:18 14-12-2014

Testing:-

- Software testing is a critical element of software quality assurance and represents the ultimate review of specification, design and coding. In fact, testing is the one step in the software engineering process that could be viewed as destructive rather than constructive.
- A strategy for software testing integrates software test case design methods into a well-planned series of steps that result in the successful construction of software.
- Testing is the set of activities that can be planned in advance and conducted systematically.
- The underlying motivation of program testing is to affirm software quality with methods that can economically and effectively apply to both strategic to both large and small-scale systems.

Test Cases:-

1. Login Module:-

Sr.No	Field Name	Input	Expected Output	Actual Output	Pass/Fail
1	Username	User attempts to login with invalid username	The Username should be valid	The system fires error message "Enter valid username"	Pass
2	Password	User attempts to login with wrong password	The Password should be valid	The system fires error message "Enter valid Password"	Pass
3	Username/p assword	User attempts to login with wrong password	The Password should be valid	The system fires error message "Invalid Password"	Pass

2. Admin Module:-

Sr.No	Field Name	Input	Expected Output	Actual Output	Pass/Fail
1	companyName / clientName	Enter the name	Record valid	Record inserted	Pass
2	Address	Enter the address	Record valid	Record inserted	Pass
3	Country/State/City	Enter the registered location	Record valid if name present in the registry	Record inserted	Pass
4	contactNumber	Enter the contact number which is a numeric value	Record valid if it's a numeric value	Record inserted	Pass

3. HR Module :-

Sr.No	Field Name	Input	Expected Output	Actual Output	Pass/Fail
1	Name	Enter the name	Record valid	Record inserted	Pass
2	Address	Enter the address	Record valid	Record inserted	Pass
3	Country/State/City	Enter the registered location	Record valid	Record inserted	Pass
4	contactNumber	Enter the contact number which is a numeric value	Record valid	Record inserted	Pass
5	usertype	Enter the employee type	If designation present , record valid	Record inserted	Pass
6	SSC/HSC/CPI	Enter the marks secured	Record valid if a numeric value	Record inserted	Pass
7	HR confirmation	Enter the final HR confirmation	Employee assigned access	Record inserted	Pass

4. Project Management Module:-

Sr.No	Field Name	Input	Expected Output	Actual Output	Pass/Fail
1	Name	Enter the project name	Record valid	Record inserted	Pass
2	clientID	Enter the client	Record valid	Record inserted	Pass
3	cmpID	Enter the IDs of company which have undertaken the project	Record valid	Record inserted	Pass
4	Startdate	Enter the date	Enter a valid date	Enters the start date of the project	Pass
5	Enddate	Enter the date	Enter a valid date	Enter the end date of the project	Pass

5. Client & Product Module:-

Sr.No	Field Name	Input	Expected Output	Actual Output	Pass/Fail
1	Select Customer	Select the customer name	Record valid	Record selected	Pass
2	Email Content	Enter the Email Content	Send mail to selected customer	Mail sent	Pass
3	Message	Enter the latest news	News entered	News entered in dashboard	Pass

Post Implementation and Reviews:-

- After developing system following review are gathered:
 1. Full-proof comprehensive system
 2. Allows the user to access the system
 3. Facilitates the organization
 4. Improves services levels
 5. Business Intelligence Manages employee's information effectively
 6. Supplies real-time information.

Future Enhancement:-

- Complain box can be created to register and store complains.
- Interactions among various employees of the organization through live chats.
- Discussing project with clients across various parts of the world.
- Employee Attendance Management
- Employee Recruitment Management

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- http://en.wikipedia.org/wiki/Human_resource_management
- http://en.wikipedia.org/wiki/Object-oriented_programming

□ Books:-

- ASP.NET 3.5:A beginner's guide- William Sanders
- ASP.NET Professionals Projects- Jon Skeet
- Programming ASP.NET 3.5- Jesse Liberty, Dan Hurwitz
- ASP.NET 4.0 Black Book
- The Complete Reference ASP.NET- Mathew MacDonald

Thank You