

CONTENTS

1. Abstract	3
2. Introduction	5-6
2.1. General Introduction	
2.2. Project Description	
3. System Analysis	7-10
3.1. Objectives of System	
3.2. User Requirements	
3.3. Hardware And Software Requirements	
4. Software Design	11-30
4.1. Software Implementation	
4.2. Data Flow Diagrams	
4.3. About UML	
4.4. UML Diagrams	
4.4.1. Use Case Diagrams	
4.4.2. Activity Diagrams	
4.4.3. Class Diagrams	
4.4.4. Sequence Diagrams	
5. Database Design	31-36
6. Input and Output Screens	37-68
7. Conclusion	69-70
8. Bibliography	71-72

ABSTRACT

Corporate Recruitment System (CRS) is web-based tool to reduce communication gap between Job providers and Job seekers.

The Main objective of this solution is to make easy the recruitment process of any organization. This CRS is designed by keeping in mind both parties Job providers and Job seekers. CRS allows Job seekers to register their details like skills and experience with the system, and then on the other hand even it allows job providers to post their requirements with the system.

Corporate Recruitment Management system is helpful for the job providers i.e. companies which are in need of employees, job seekers who are in need of job, (for both Exp and freshers). This portals main aim is to provide the vacancies available for the job seekers without taking any charge from them in IT technologies. CRS will automatically send mails to all job seekers whose skills are matched with the requirement.

Features :

- This project can be used very easily in the process of decision making in new recruitments.
- Effective way of providing communication between job providers and job seekers.
- Reliable and consistent way of searching jobs.
- Conducting secured and restricted online exam for screened employees.
- Sending Email notification to all job seekers.

INTRODUCTION

Corporate Recruitment Management System

The Project titled “Corporate Recruitment System” is one which helps out the HR Personal in the recruitment of new candidates to the company and helps the recruitment process as a whole.

Corporate recruitment System (CRS) is a part of the Human Resource Management System that structures and manages the entire recruitment process. This corporate recruitment service system will primarily focus on the posting and management of job vacancies. However, this will be the initial step towards achieving the long term goal of delivering broader services to support recruitment.

This will provide service to the potential job applicants to search for working opportunities and if they choose they may be able to make an application online. It is planned that ultimately all vacancies will be posted online and that this site will offer employers the facilities both to post their vacancies online and to review and manage the resulting applications efficiently through the web with the help of the CRS. CRS will allow job provider to establish one to one relationships with candidates, by keeping in close communications with them through out the application, interview, and hiring process. It even allows the candidates to track the progress of their application.

In other words, enables the employer to treat candidates like customers.

Features:-

Corporate Recruitment Management System

Corporate Recruitment System (CRS) has all the features and functions required for executing a successful recruitment task, providing exceptional case of use for recruitment.

The Following are the overview of the features and benefits of CRS.

1. Database software installed and pre-configures for the immediate use of the system effectively and efficiently.
2. Pre-configured and ready to run Jobs database with management module for adding and deleting efficiently.
3. Database to store the candidate's details securely.
4. Customizable authentication to control access to database files using assigned user login and password control.
5. Provides information to the managers so that they can make judgment about particular situations.
6. Reductions in the cost of hiring – there will be between 50-60 percent decrease in the cost of hiring.
7. Reduces the time required to complete the recruitment process of any organization.

Objective:-

Corporate Recruitment Management System

1. This system provides service to the potential job applicants to search for working opportunities.
2. This system helps the HR Personal in the recruitment of new candidates to the company.
3. Corporate Recruitment System will allow job provider to establish one to one relationships with candidates.
4. This corporate recruitment service system will primarily focus on the posting and management of job vacancies.
5. This system is designed such that ultimately all vacancies will be posted online and would offer employers the facilities to post their vacancies online.
6. It helps to review and manage the resulting applications efficiently through the web.
7. It even allows the candidates to track the progress of their application.

User Requirements

1. To create a database to store the candidate's details securely.
2. To reduce the cost of hiring of new candidates to the company.
3. To reduce the time required to recruit the new employees.
4. Helps to provide control access to database files using assigned user login and password control.

HARDWARE & SOFTWARE SPECIFICATIONS

3.1 HARDWARE REQUIREMENTS:

Processor	:	Intel P-IV system
Processor Speed	:	250MHz to 833MHz
RAM	:	512MB RAM
Hard Disk	:	40GB

3.2 SOFTWARE REQUIREMENTS:

Operating System	:	Windows XP
Database	:	Sql Server
Server side technology	:	ASP.Net
Server side scripting	:	ASP
Client side scripting	:	HTML
Web-Server	:	IIS

DATA FLOW DIAGRAMS:

There are three types of DFD's they are

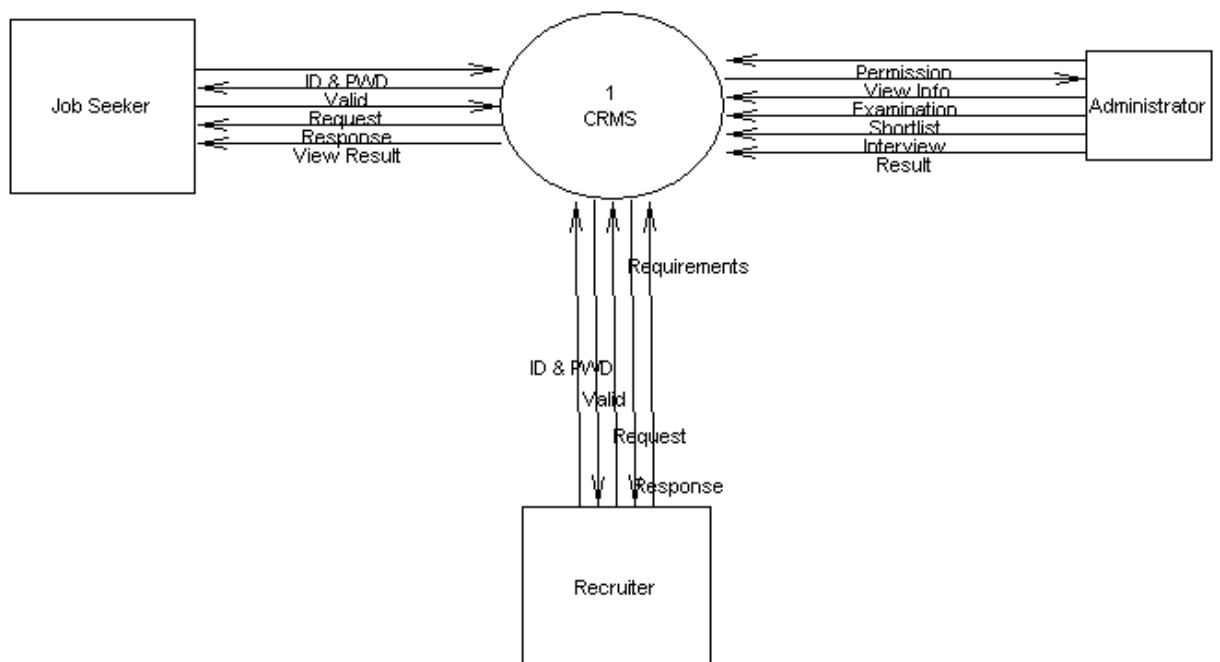
- 1. Context Level DFD**
- 2. Top Level DFD and**

Corporate Recruitment Management System

Context Level DFD:

In the Context Level the whole system is shown as a single process.

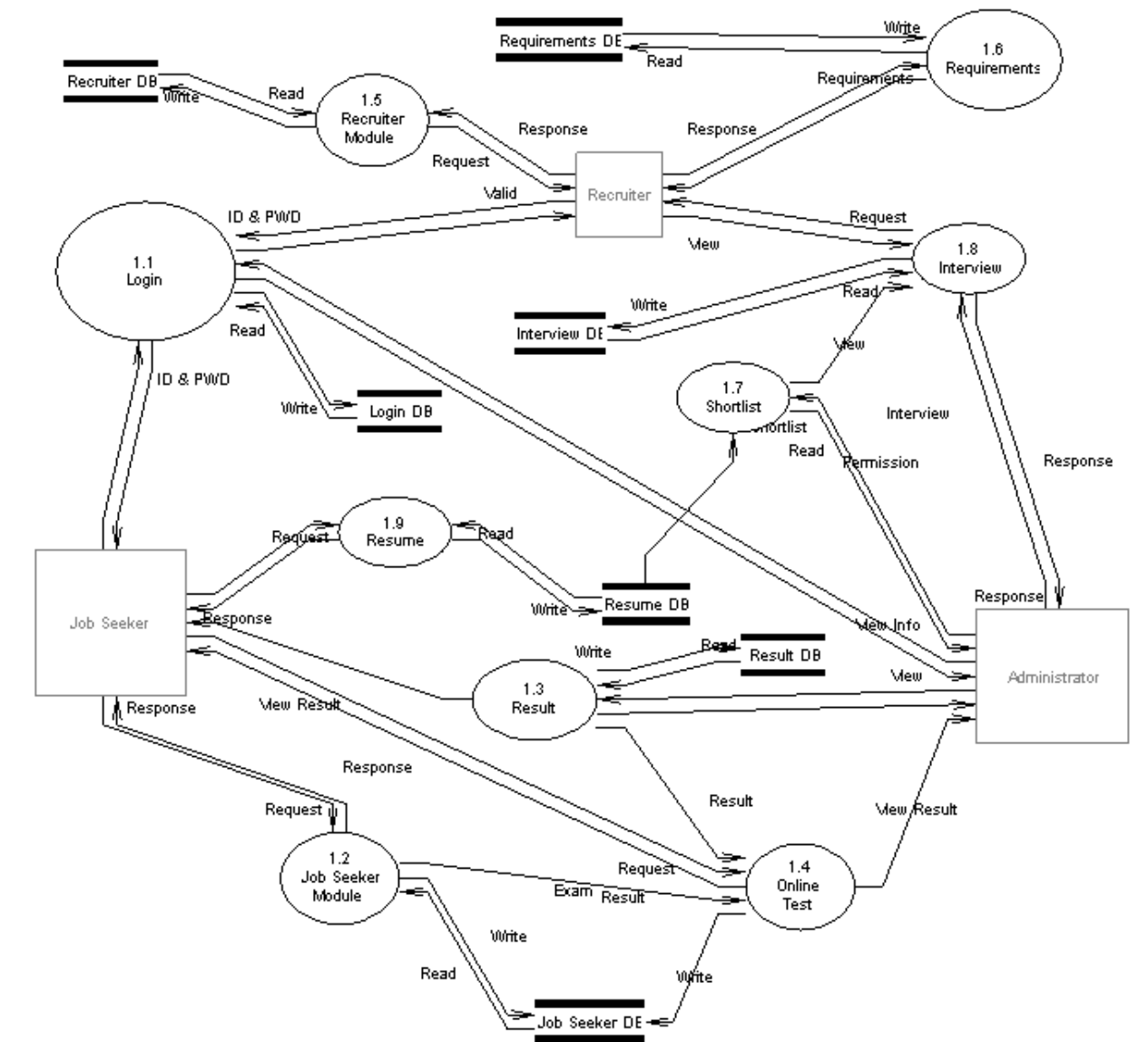
- No data stores are shown.
- Inputs to the overall system are shown together with data sources (as External entities).
- Outputs from the overall system are shown together with their destinations (as External entities).



Top Level DFD:

Corporate Recruitment Management System

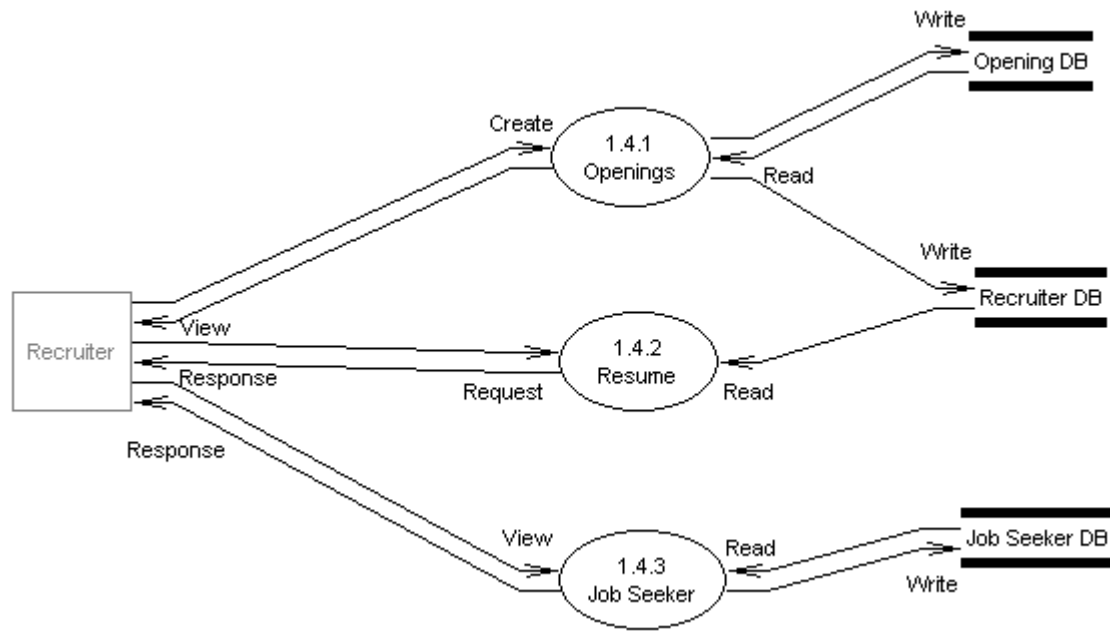
The Top Level DFD gives the overview of the whole system identifying the major system processes and data flow. This level focuses on the single process that is drawn in the context diagram by 'Zooming in' on its contents and illustrates what it does in more detail.



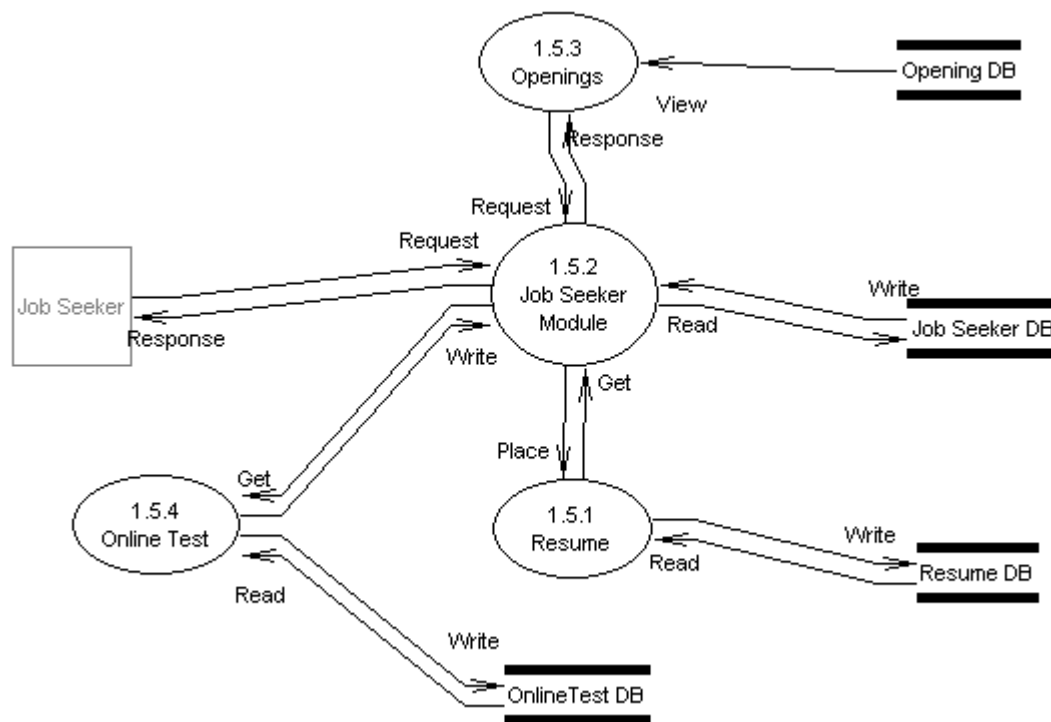
Detailed Level DFD:

Corporate Recruitment Management System

In Detailed D.F.Ds the main process is divided into sub processes and we try to find out the flow from one process to another process. We find the interaction among External entities, processes, sub processes and database.



Corporate Recruitment Management System



UML Diagrams

USE CASE DIAGRAM

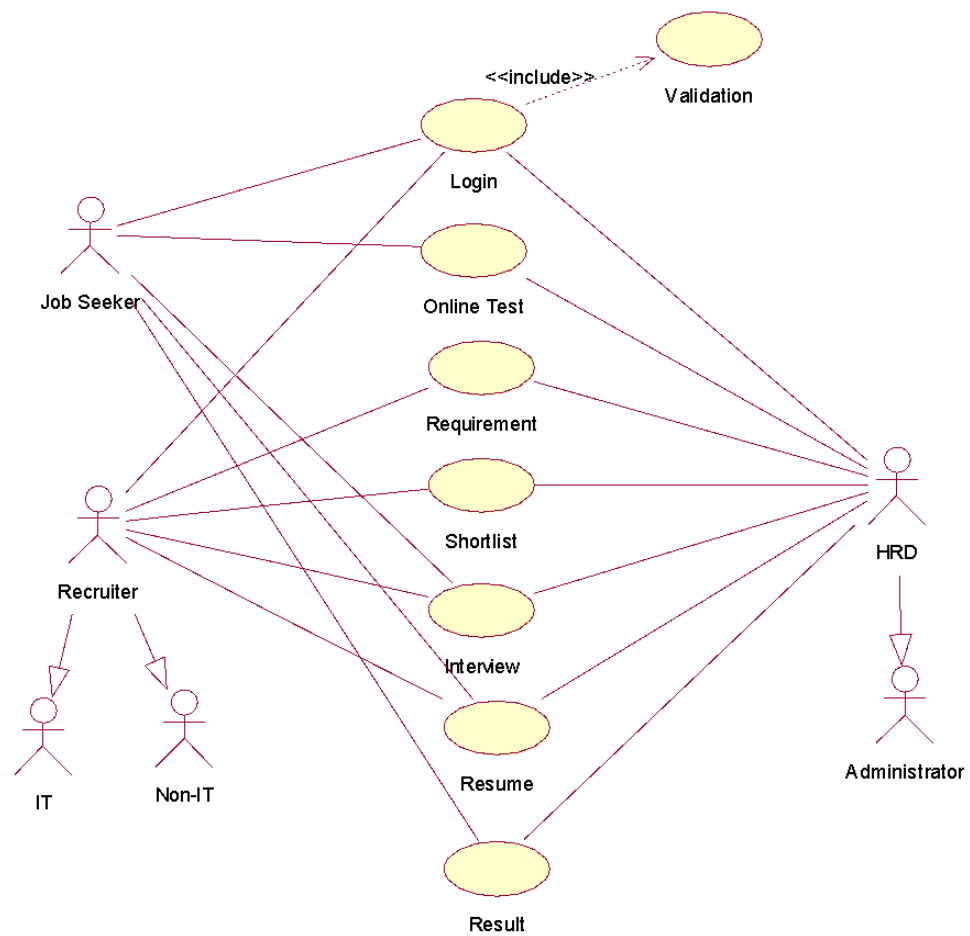
- A use case diagram is a diagram that shows a set of use cases and actors and relationships.

Contents

- Use case commonly contain
 - Use cases
 - Actors
 - Dependency, generalization and association relationships

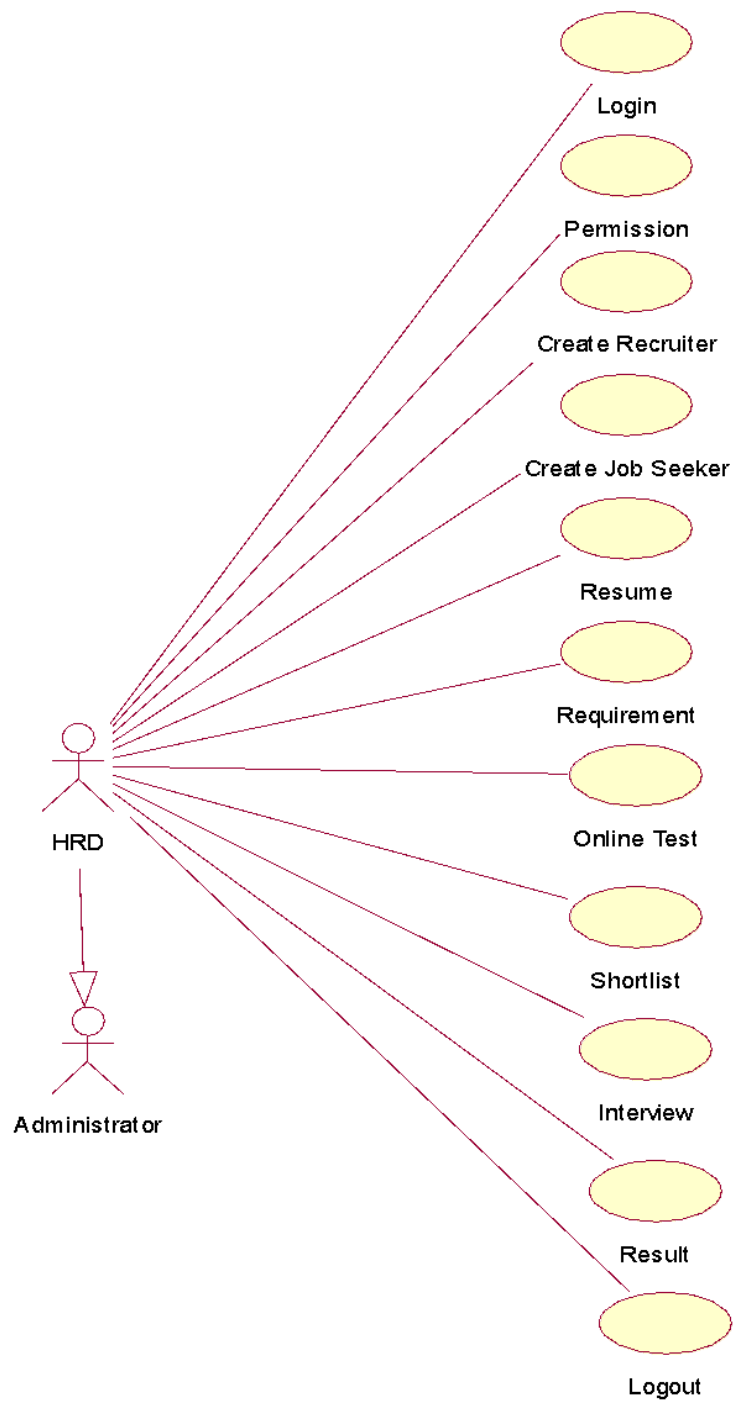
Over all Use Case

Corporate Recruitment Management System

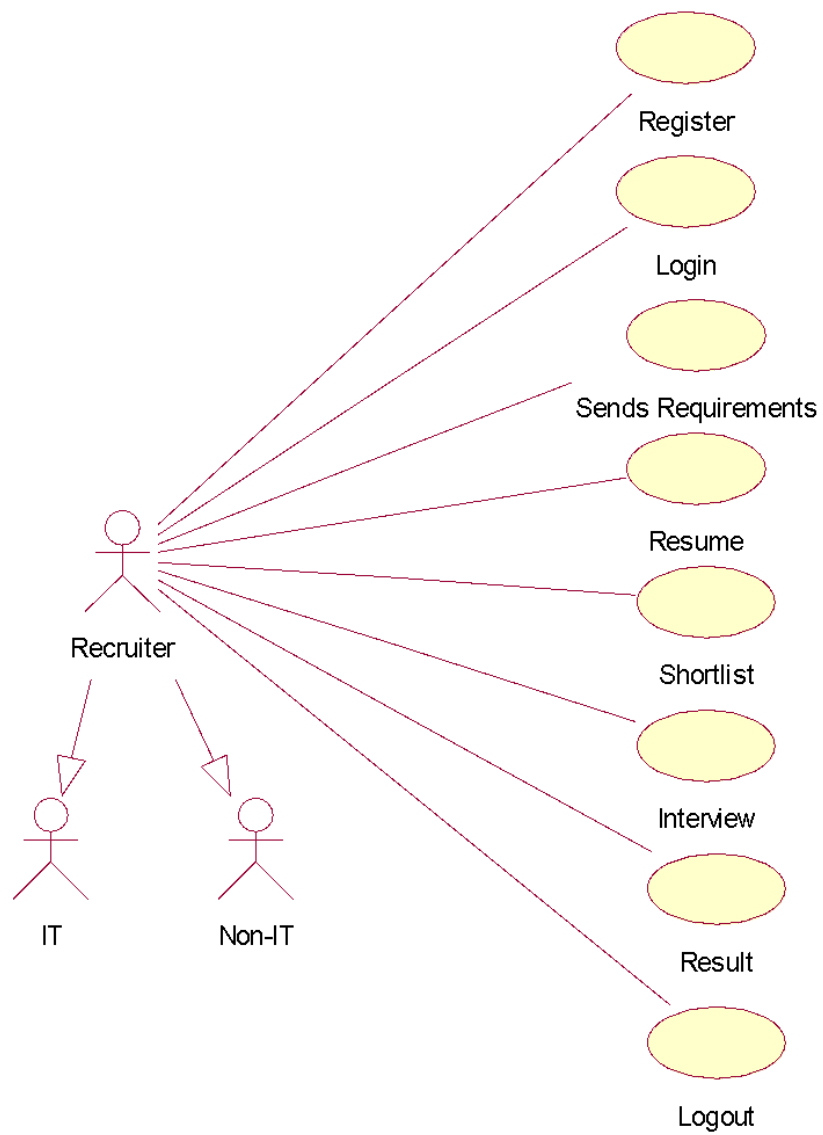


Administrator Use Case

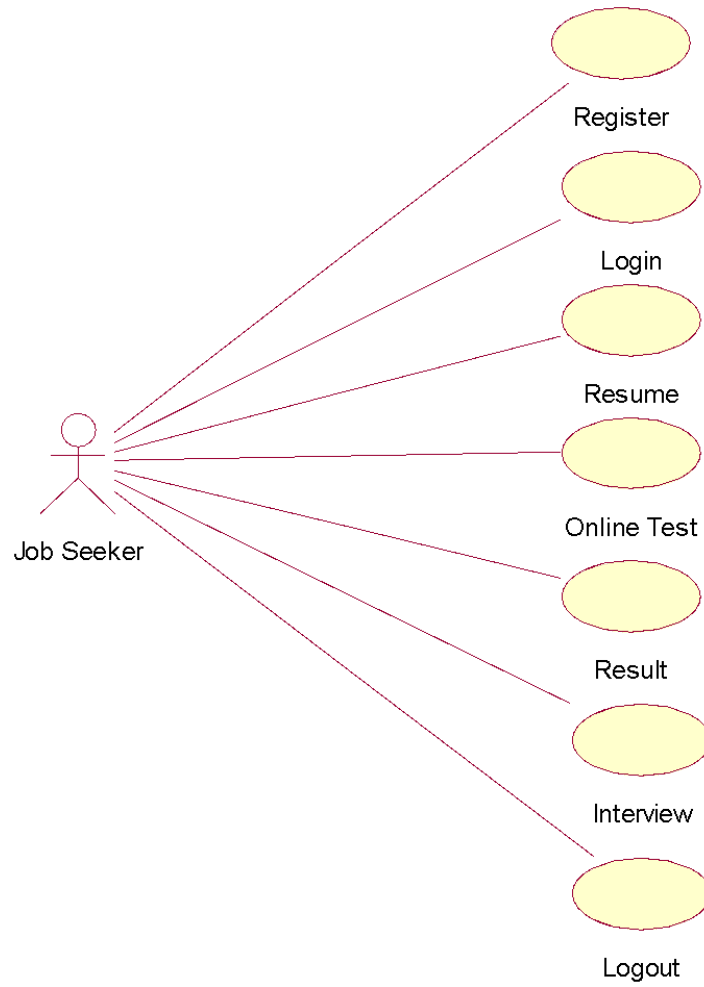
Corporate Recruitment Management System



Recruiter Use Case

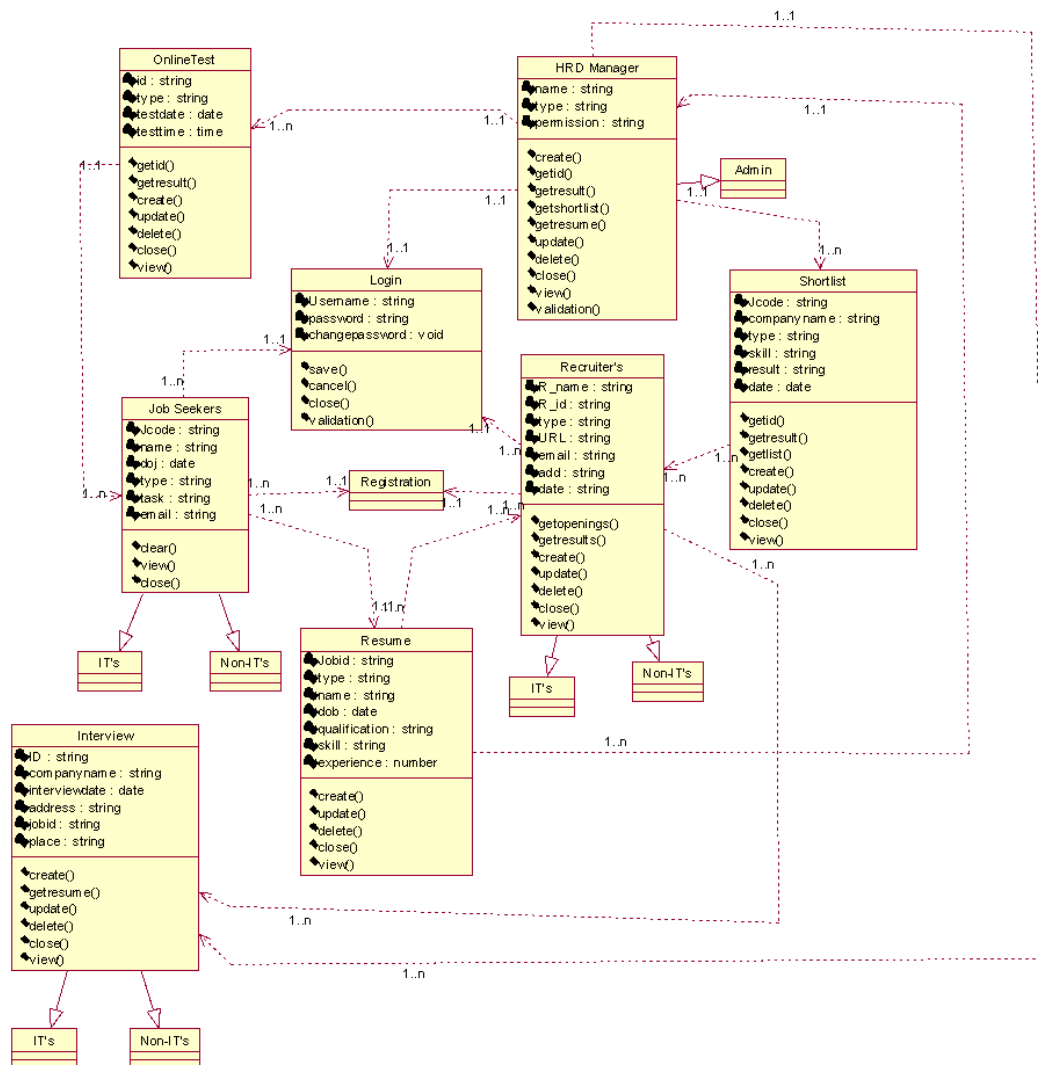


Job Seeker Use Case



Corporate Recruitment Management System

Class Diagram



ACTIVITY DIAGRAM:

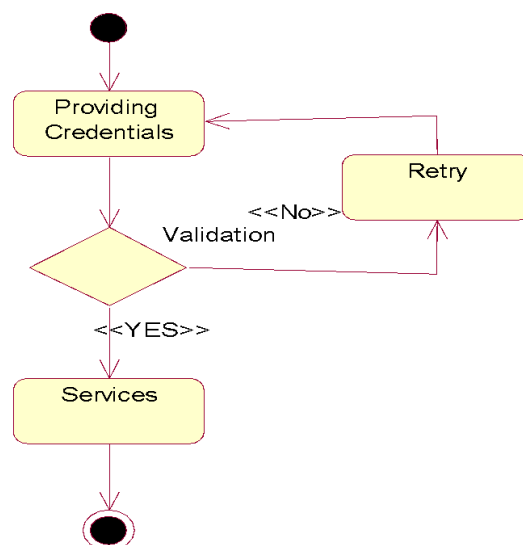
- An activity diagram shows the flow from activity to activity. An activity is an ongoing non-atomic execution within a state machine.
- Activities ultimately result in some action, which is made up of executable atomic computations that result in a change in state of the system or the return of a value.

Activity diagrams commonly contain

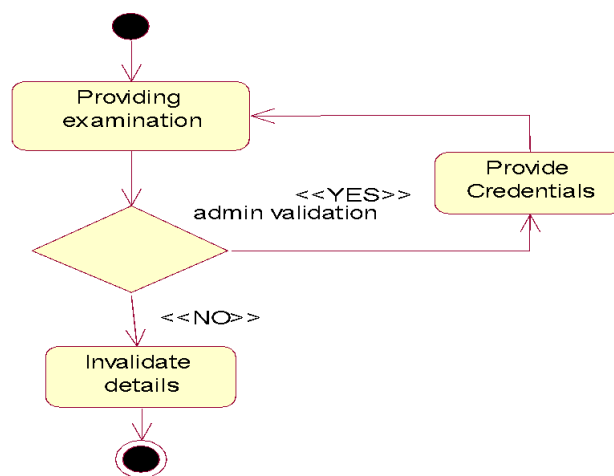
- Activity states and action states
- Transitions
- Objects

- Like all other diagrams, activity diagrams may contain notes and constrains.

Login Process

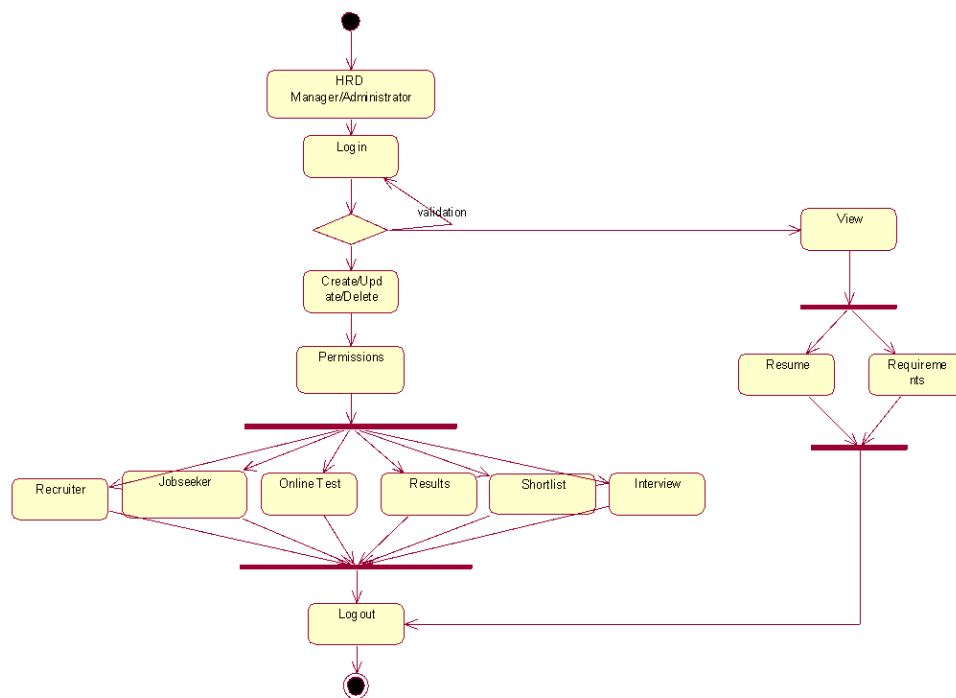


Registration Process

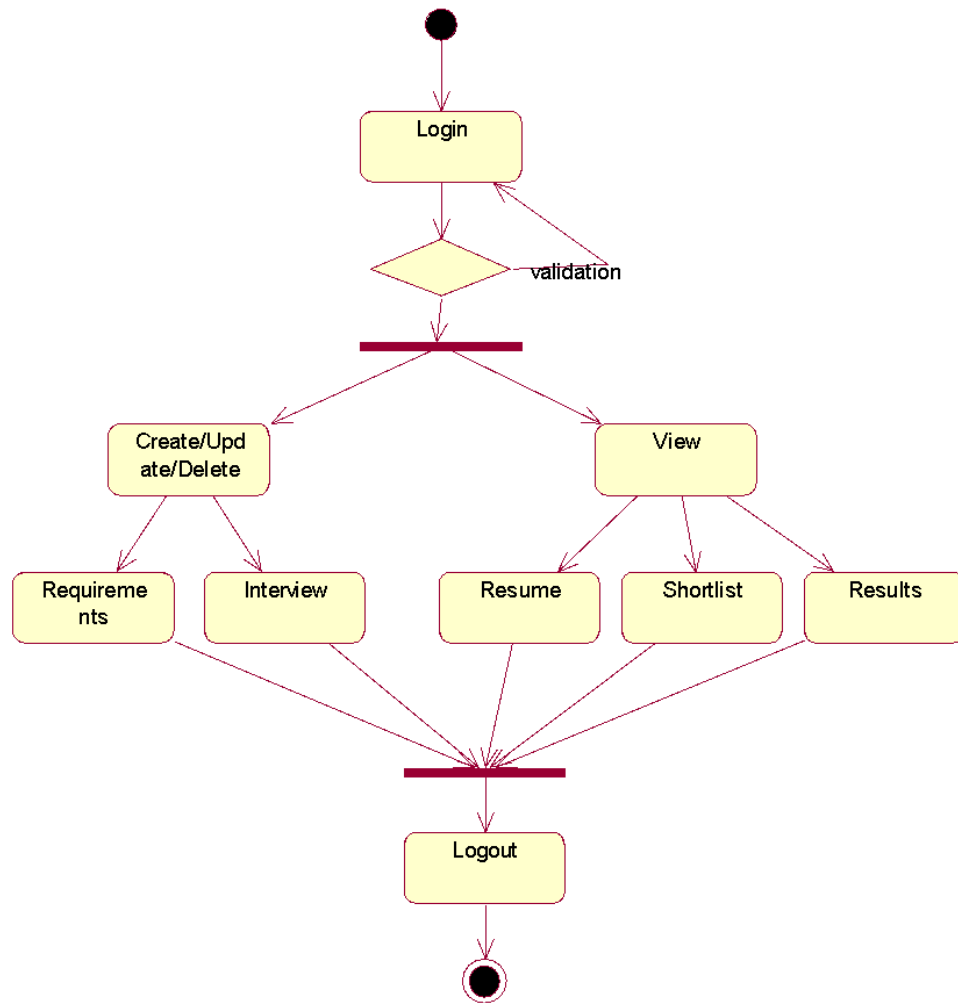


Administrator Process

Corporate Recruitment Management System

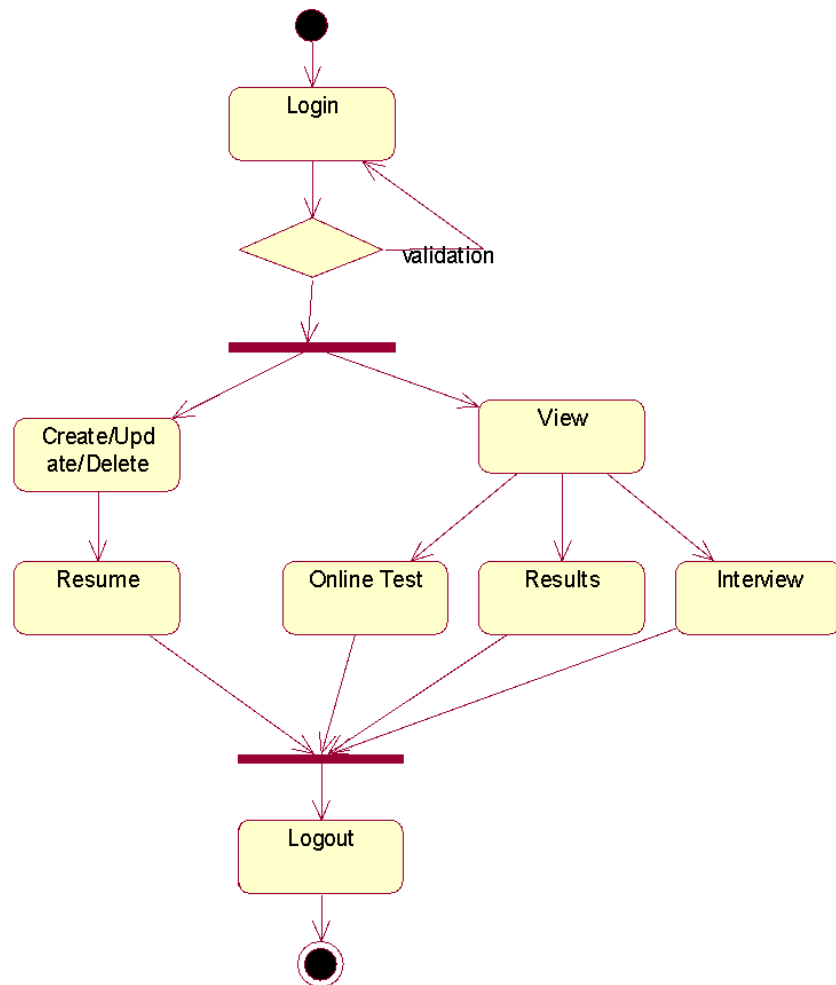


Recruiter Process



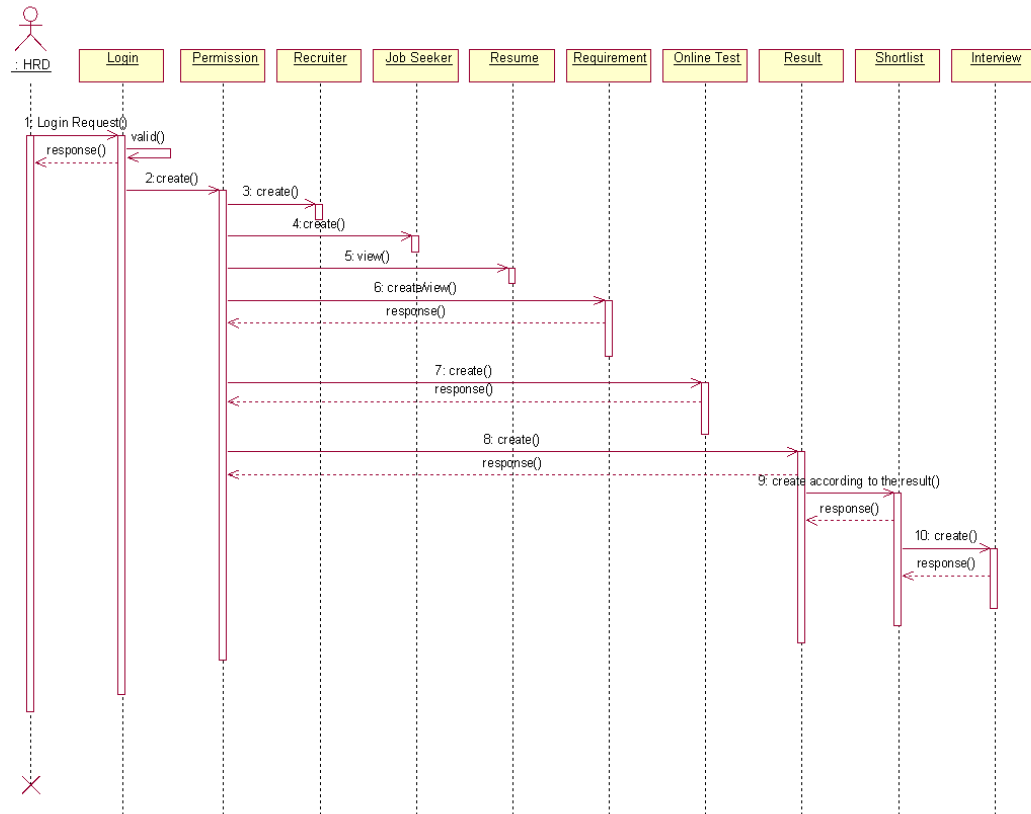
Job Seeker Process

Corporate Recruitment Management System

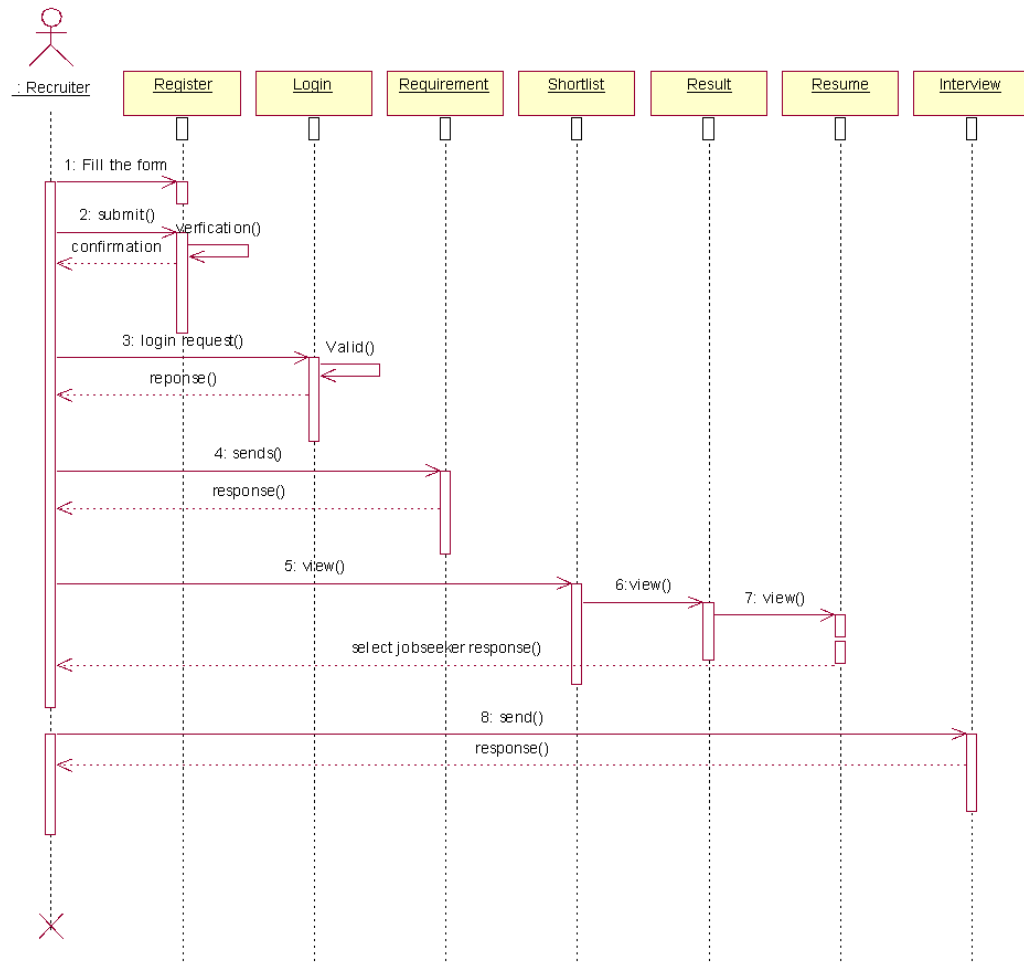


SEQUENCE DIAGRAM

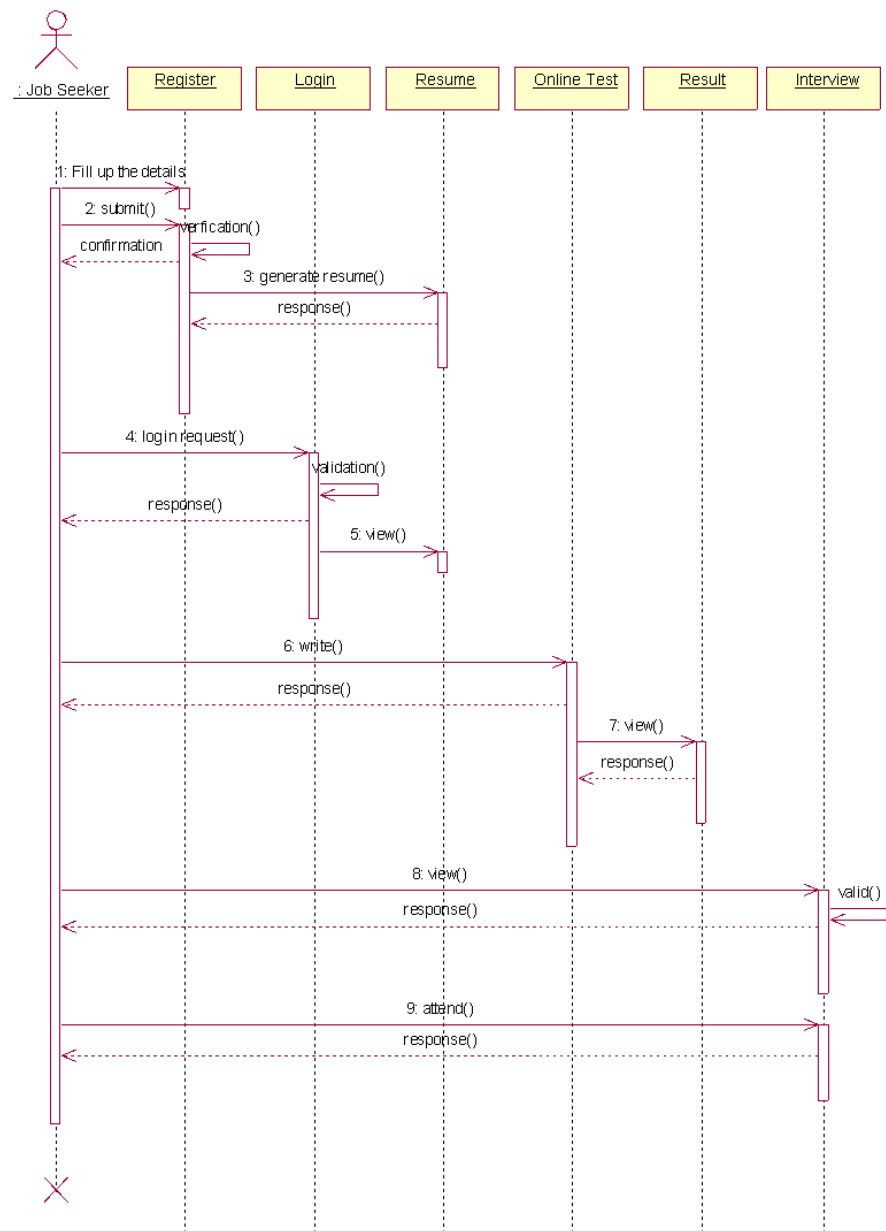
Administrator Sequence



Recruiter Sequence

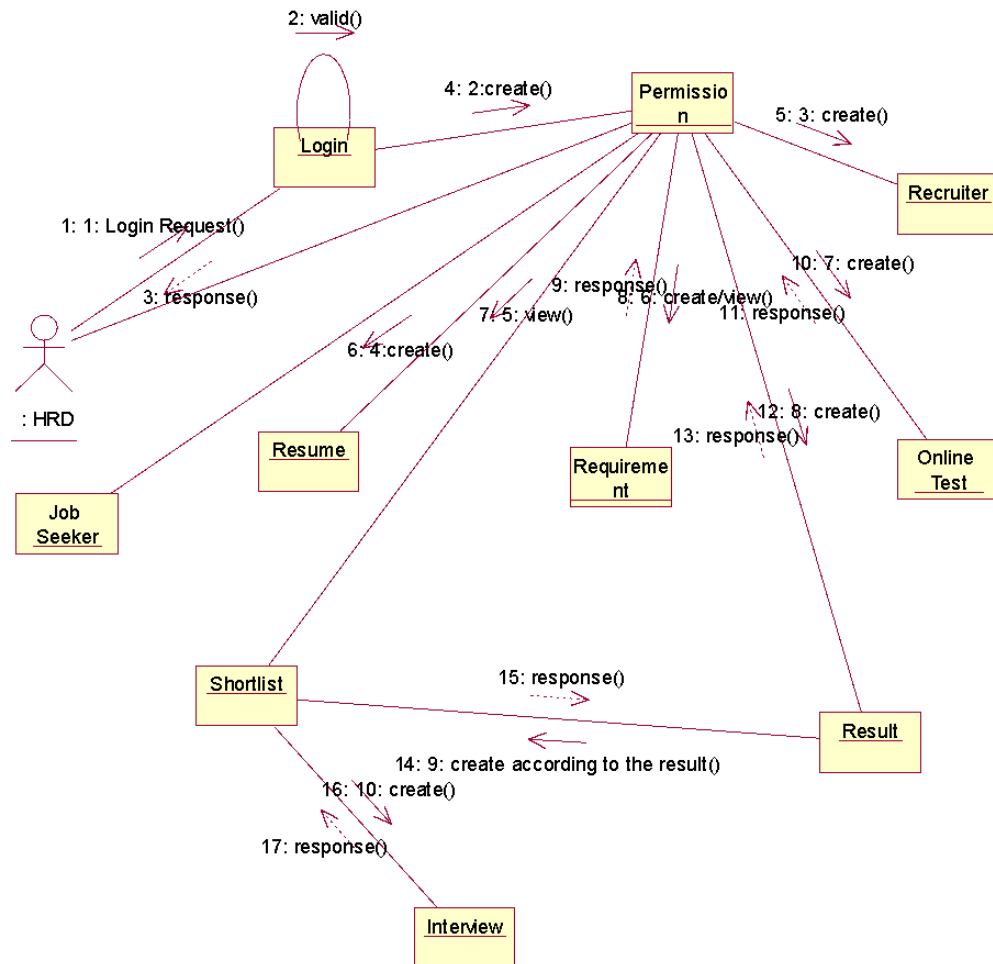


Job Seeker Sequence

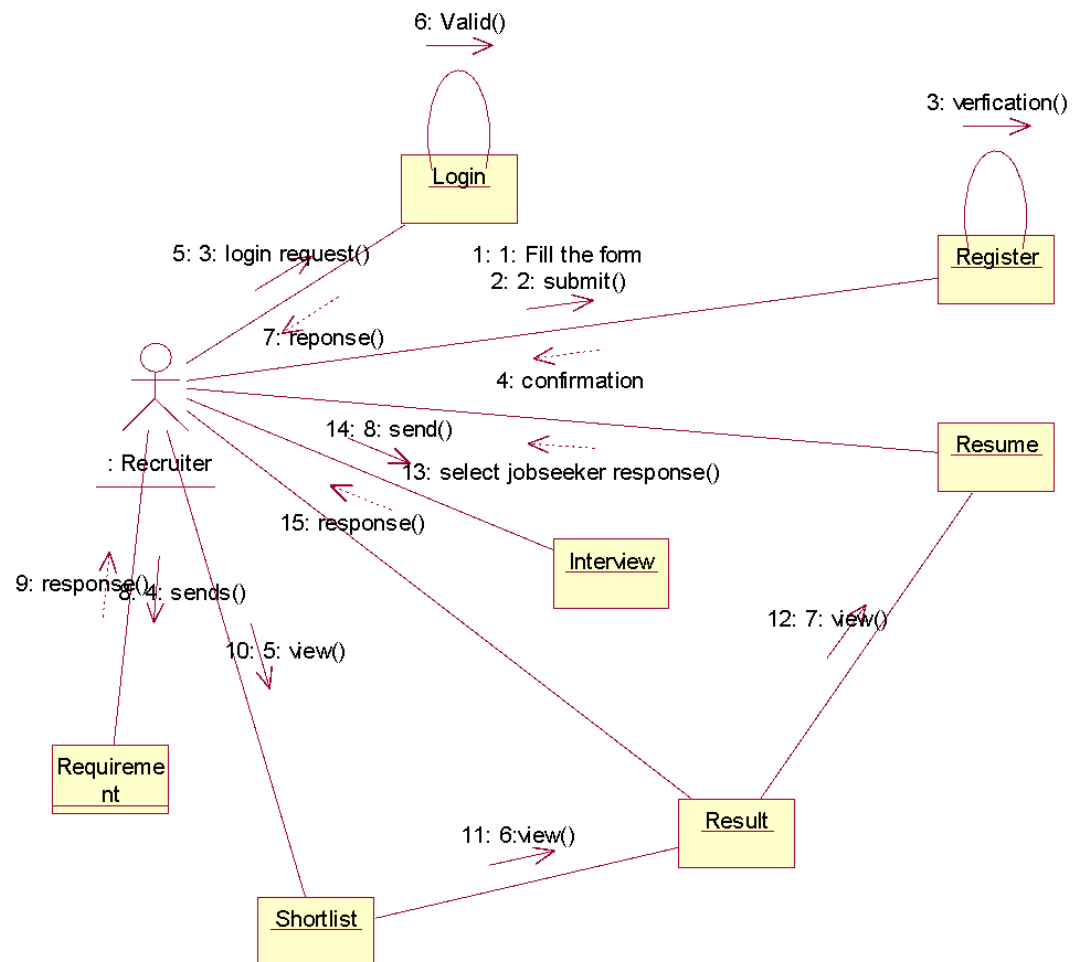


COLLABORATION DIAGRAM

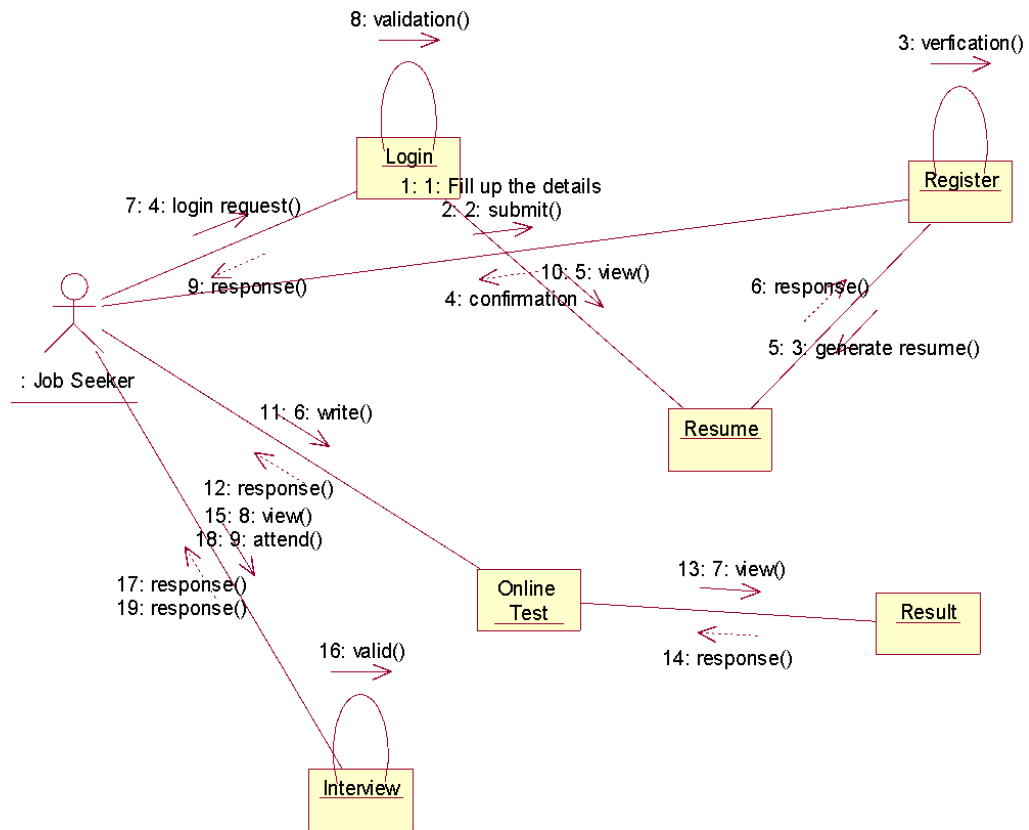
Administrator Collaboration



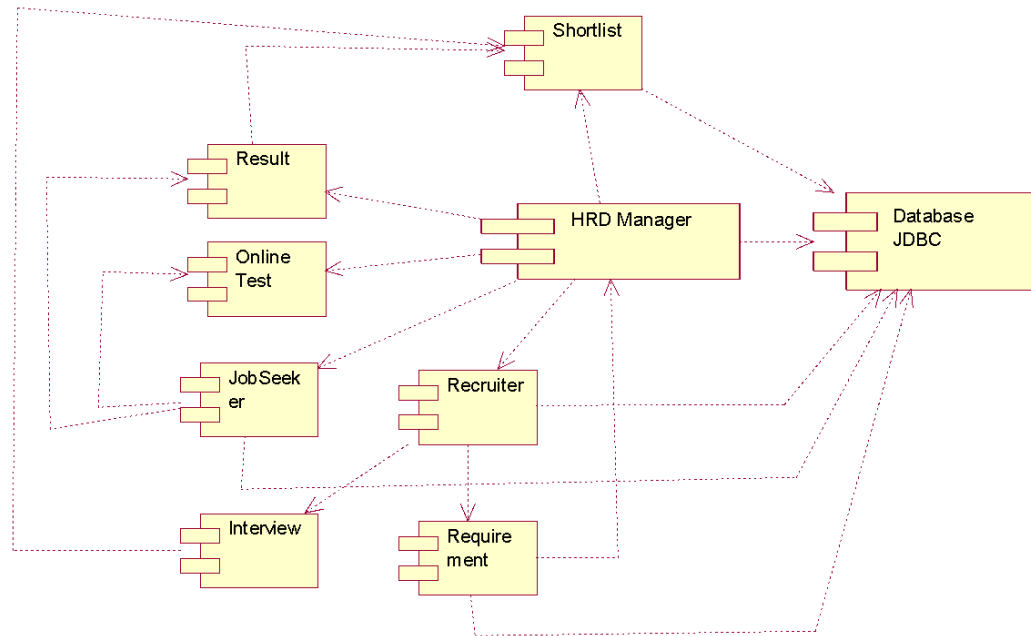
Recruiter Collaboration



Job Seeker Collaboration



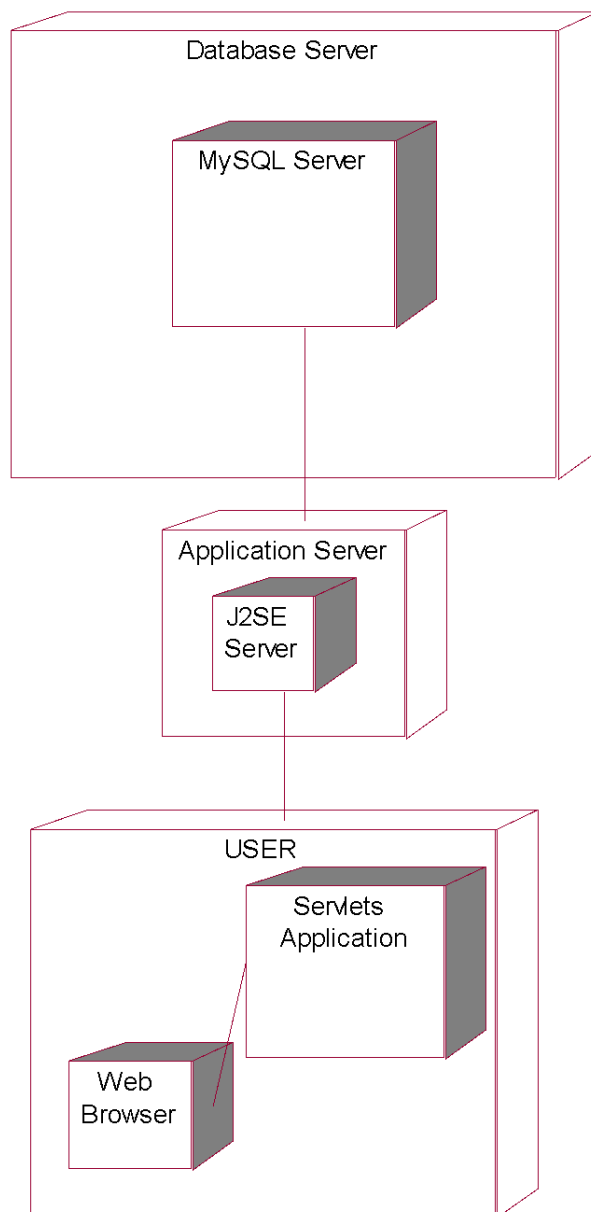
COMPONENT DIAGRAM:



DEPLOYMENT DIAGRAM

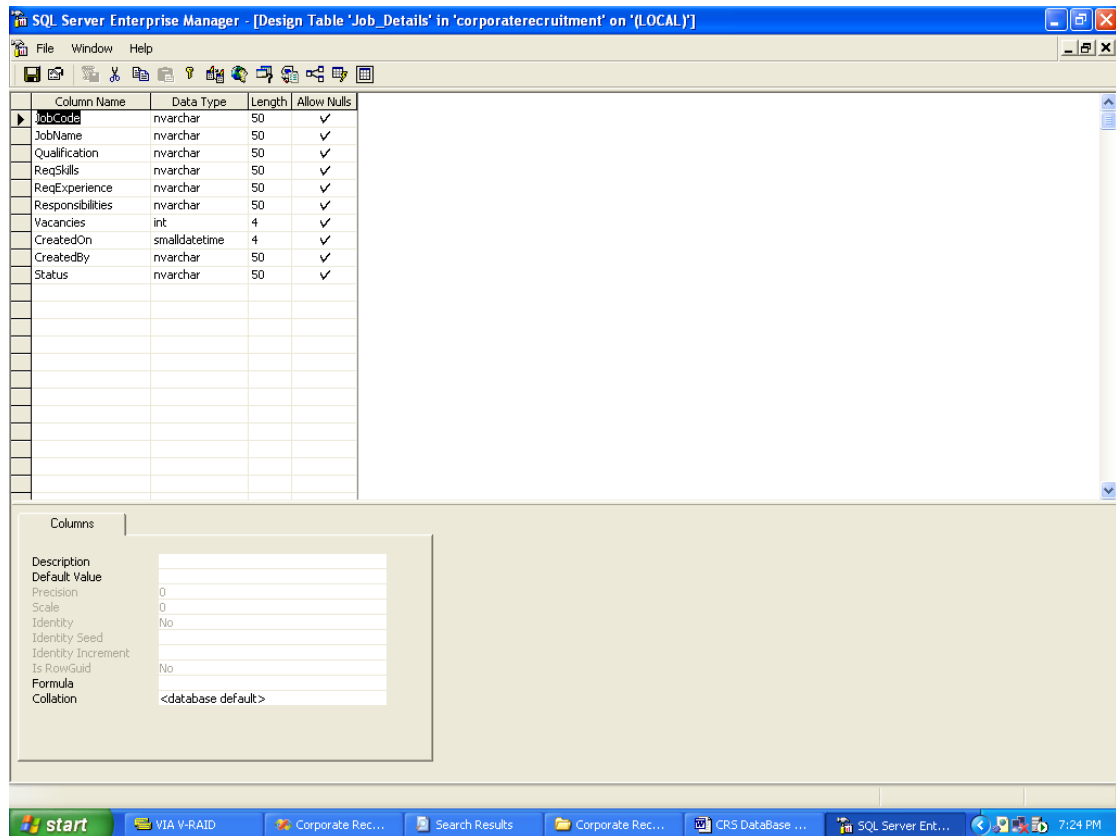
.

Corporate Recruitment Management System



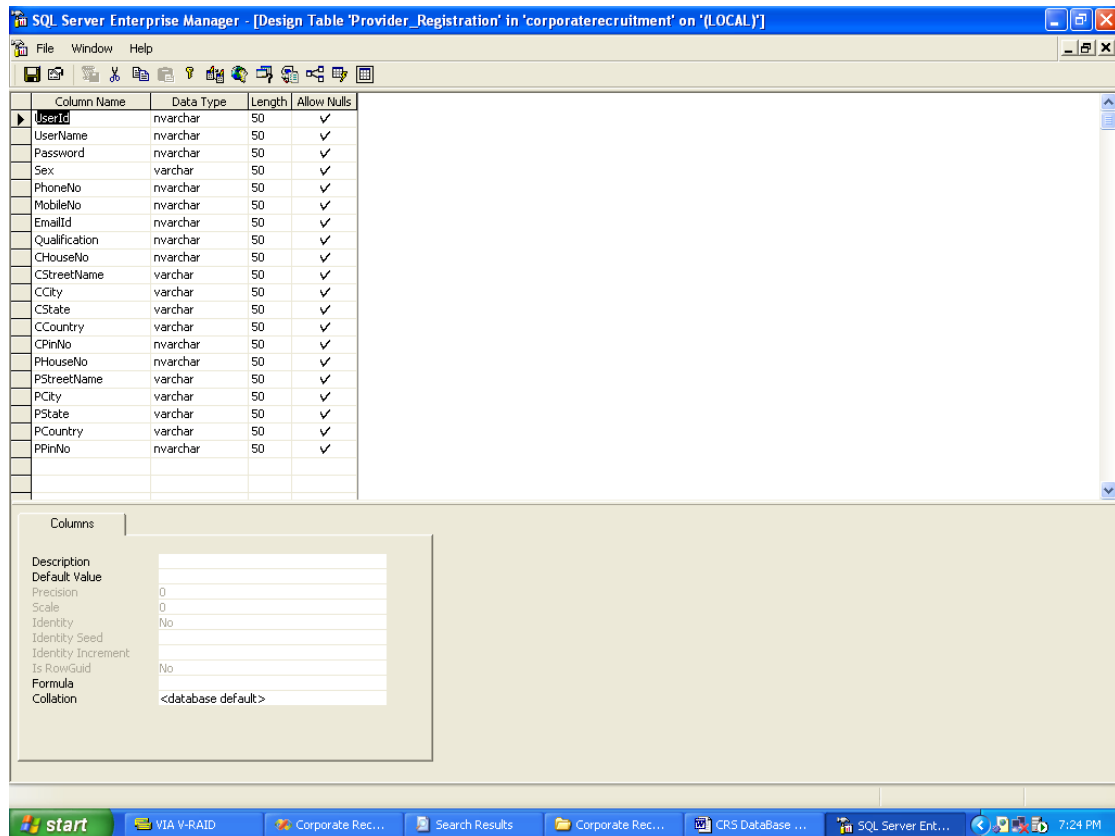
Job Details

Corporate Recruitment Management System



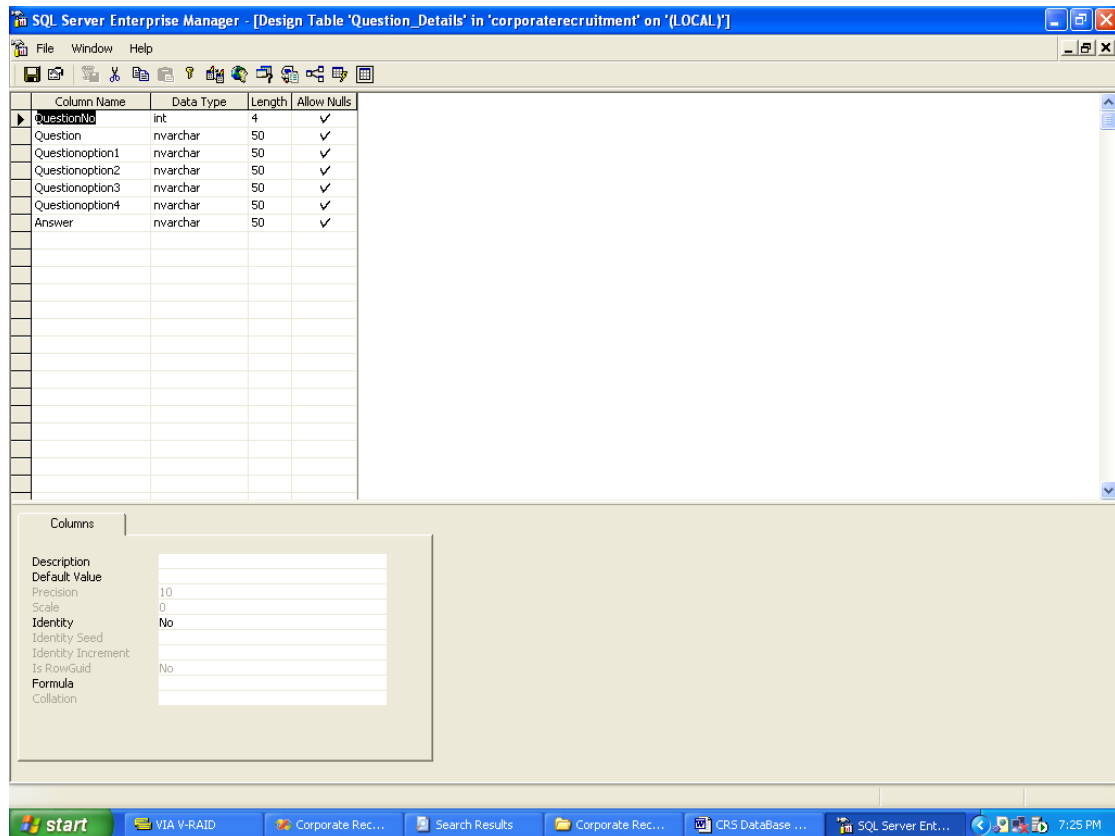
Provider Details

Corporate Recruitment Management System



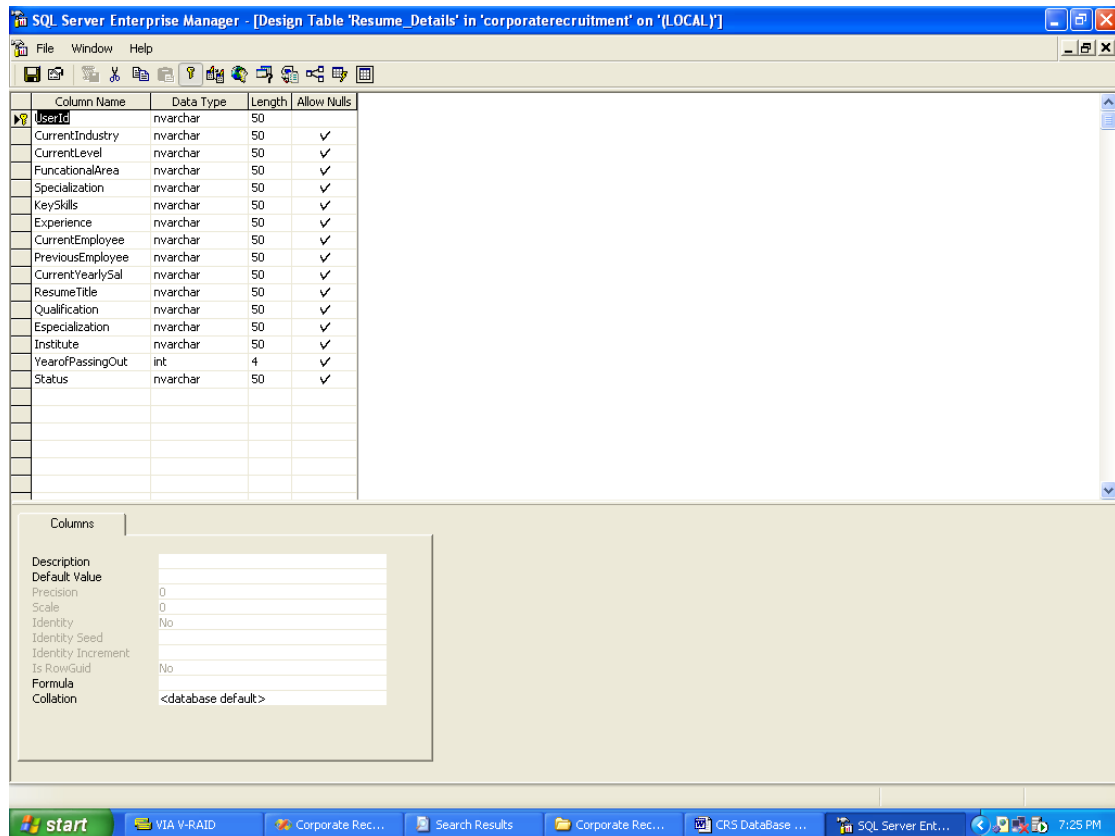
Question Details

Corporate Recruitment Management System



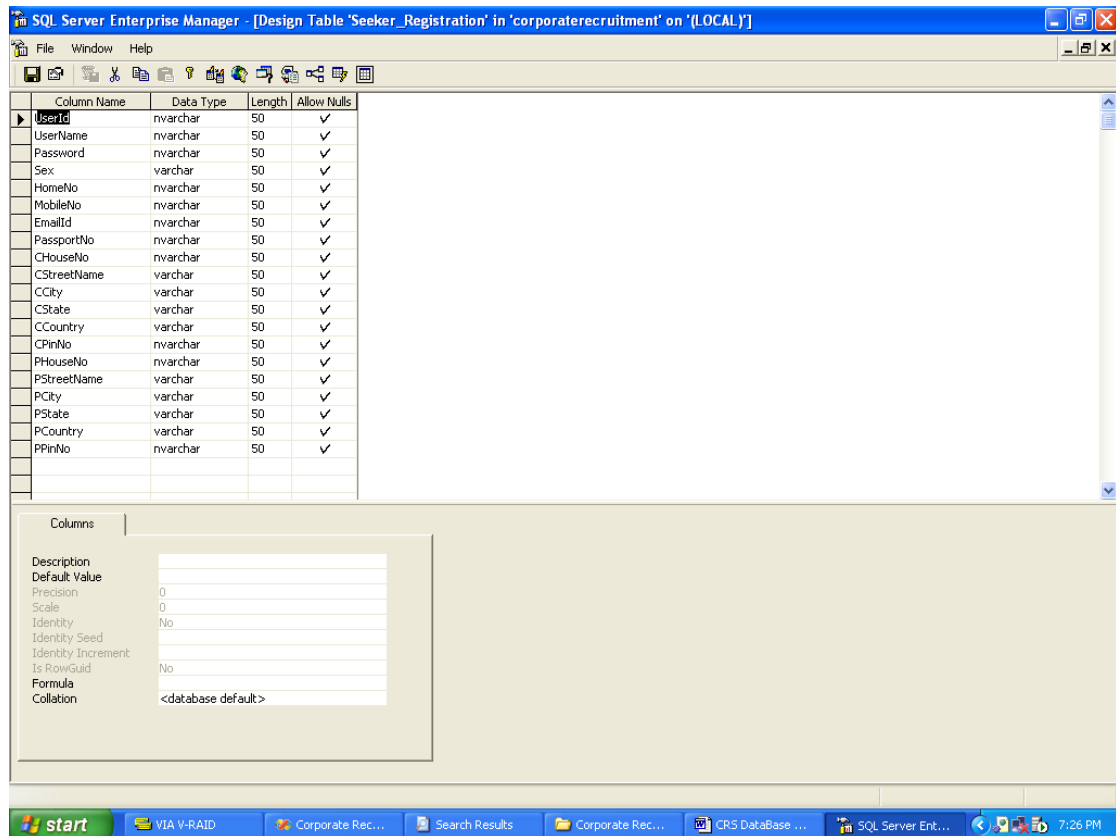
Resume Details

Corporate Recruitment Management System



Seeker Registration

Corporate Recruitment Management System



Home Page

Corporate Recruitment Management System



Search Jobs

Corporate Recruitment Management System



Job Provider Login

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Print Mail RSS Feeds

Address <http://localhost:2954/Corporate%20Recruitment%20System1/JobProvider/Login.aspx> Go Links Google G Settings

Corporate
Recruitment Management System

 **Login**

Authorization

Login :

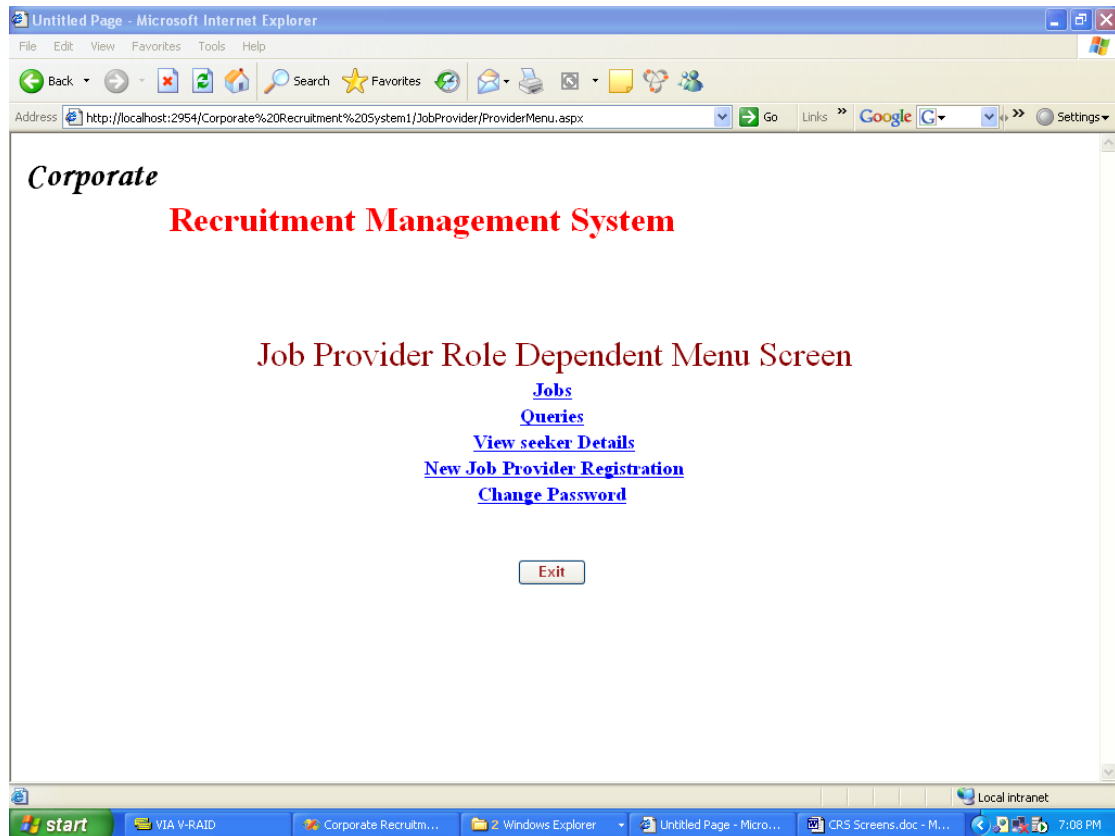
Password :

Done Local intranet

start VIA V-RAID Corporate Rec... Search Results Corporate Rec... Untitled Page - ... CRS Screens.d... 7:07 PM

Job Provider Role Dependent Screen

Corporate Recruitment Management System



Jobs Home Page

Corporate Recruitment Management System



Add New Job

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites RSS Print Mail Link Local intranet

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobProvider/AddJob.aspx Go Links Google G Settings

Corporate

Recruitment Management System

Adding the New Requirements

Job Code	Job5	Responsibilities	
Job Name		Vacancies	
Qualification		Created On	
Required Skills		Created By	ram
Req Experience		Status	Please Select

Done Local intranet

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... 7:09 PM

Edit Job Details

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Print Mail News RSS Feeds

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobProvider/EditJob.aspx Go Links Google G Settings

Corporate Recruitment Management System

Edit Job Details

Choose Job Id: [Cancel](#)

Job Code	Job1	Responsibilities	Project Handling
Job Name	Project Manager	Vacancies	20
Qualification	Btech/Mtech	Created On	10/26/2008 12:00:00 AM 
Required Skills	Ms.net	Created By	ram
Req.Experience	5 years	Status	Please Select

Done Local intranet

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... 7:10 PM

Delete Job Details

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Print Mail News RSS Feeds

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobProvider/DeleteJob.aspx Go Links Google G Settings

Corporate

Recruitment Management System

Delete Job Details

Choose Job Id: Job1

Get Details Back

Job Code	Job1	Responsibilities	Project Handling
Job Name	Project Manager	Vacancies	20
Qualification	Btech/Mtech	Created On	10/26/2008 12:00:00 AM
Required Skills	Ms.net	Created By	ram
Req Experience	5 years	Status	ram

Delete Cancel

Done Local intranet

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... 7:10 PM

View Jobs

Corporate Recruitment Management System



Corporate Recruitment Management System

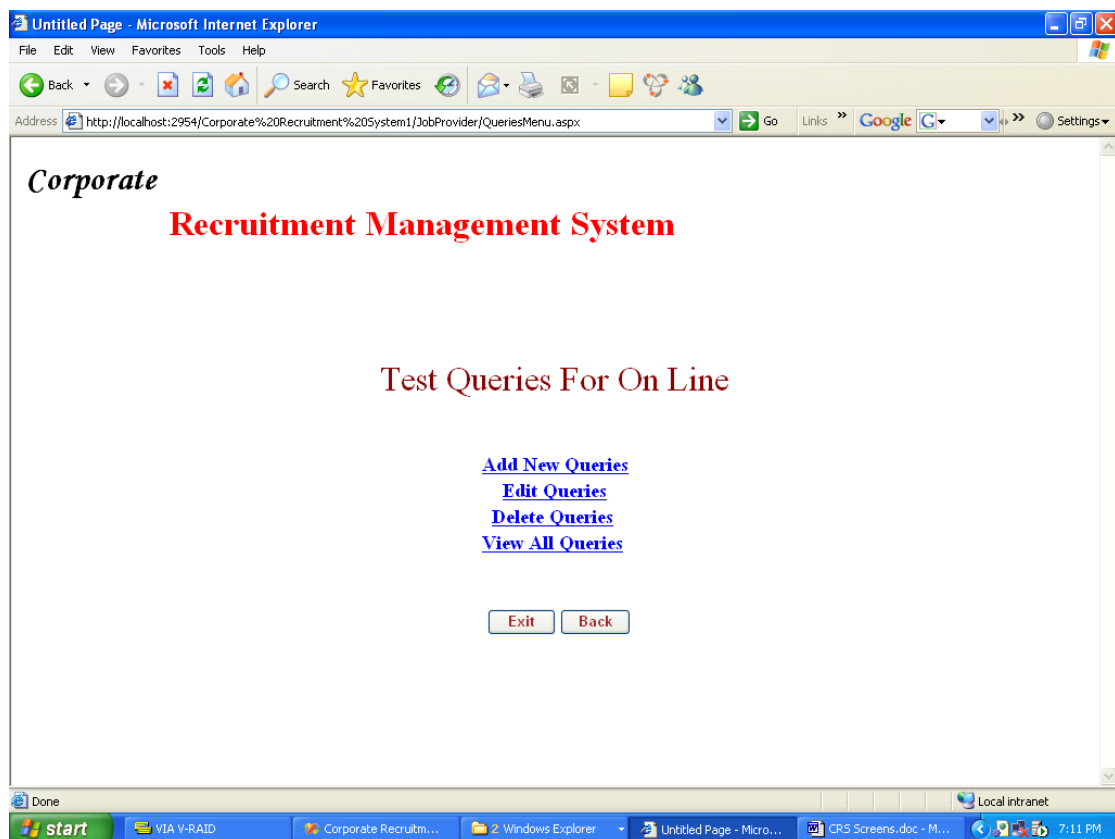
View Job Details

JobCode	JobName	Qualification	ReqSkills	ReqExperience	Responsibilities	Vacancies	CreatedOn	CreatedBy	Status
Job1	Project Manager	Btech/Mtech	Ms.net	5 years	Project Handling	20	10/26/2008 12:00:00 AM	ram	1
Job2	Team Leader	Btech/Mtech/BE	Ms.net,SqlServer	4 Years	Team Lead	50	10/26/2008 12:00:00 AM	ram	1
Job3	Senior Software Engineer	Btech/Mtech/BE	Java	5 Years	Developer	100	10/26/2008 12:00:00 AM	ram	1
Job4	Programmer	Btech	Advanced Java	5 Years	Design	30	10/27/2008 12:00:00 AM	ram	1

Back

Queries Menu Page

Corporate Recruitment Management System



Add New Query

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Print Mail News RSS Feeds

Address <http://localhost:2954/Corporate%20Recruitment%20System1/JobProvider/Addqueries.aspx> Go Links Google G Settings

Corporate

Recruitment Management System

Adding the New Queries

Question No

Question

Question Option1

Question Option2

Question Option3

Question Option4

Question Answer

[Cancel](#)

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... Local intranet 7:12 PM

Edit Query Details

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Local intranet

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobProvider/EditQueries.aspx Go Links Google G Settings

Corporate

Recruitment Management System

Edit Queries Details

Choose Question No : 1

Get Details Cancel

Question No 1

Question What is Jdk ?

Question Option1 Java Development Kit

Question Option2 Java development Kernal

Question Option3 java disk Kit

Question Option4 Java Development Kit

Question Answer Java Development Kit

Edit Cancel

Done Local intranet

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... 7:12 PM

Delete Queries

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Local intranet

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobProvider/DeleteQueries.aspx Go Links Google G Settings

Corporate Recruitment Management System

Delete Queries

Choose Question No : 1

[Get Details](#) [Cancel](#)

Question No	1
Question	What is Jdk ?
Question Option1	Java Development Kit
Question Option2	Java development Kernal
Question Option3	java disk Kit
Question Option4	Java Development Kit
Question Answer	Java Development Kit

[Delete](#) [Cancel](#)

Done

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... Local intranet 7:12 PM

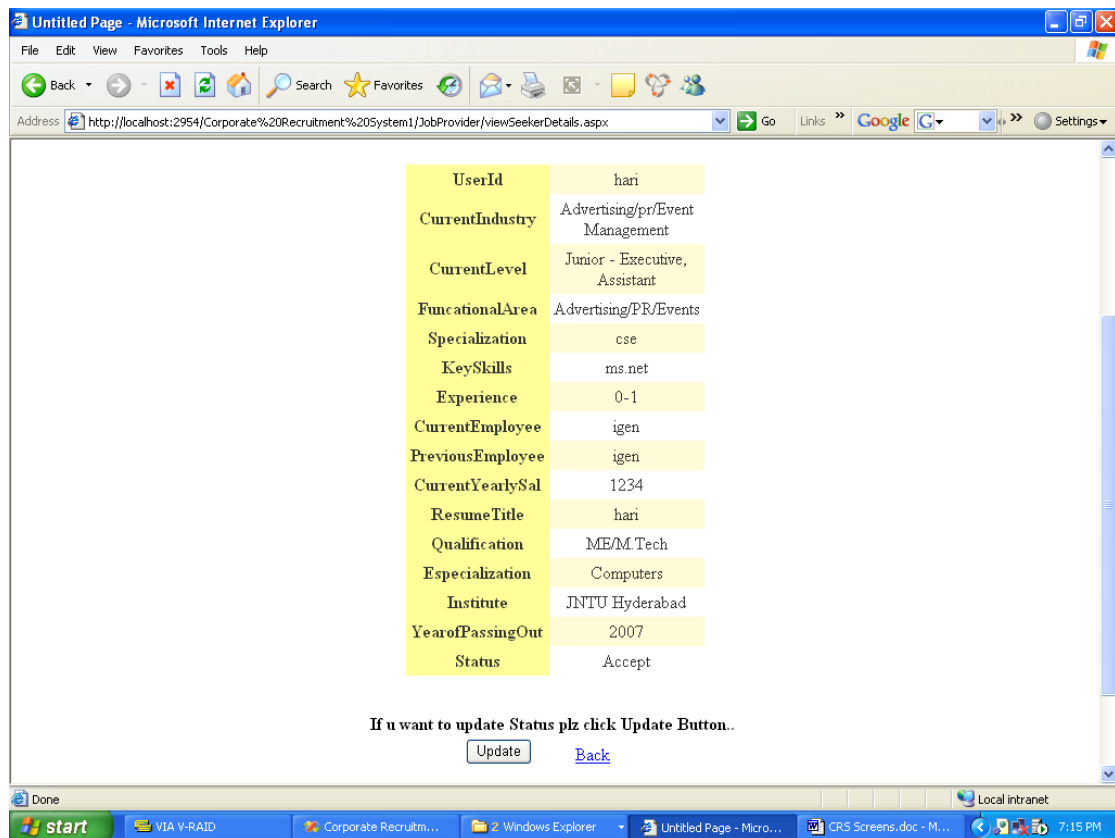
View Queries

Corporate Recruitment Management System



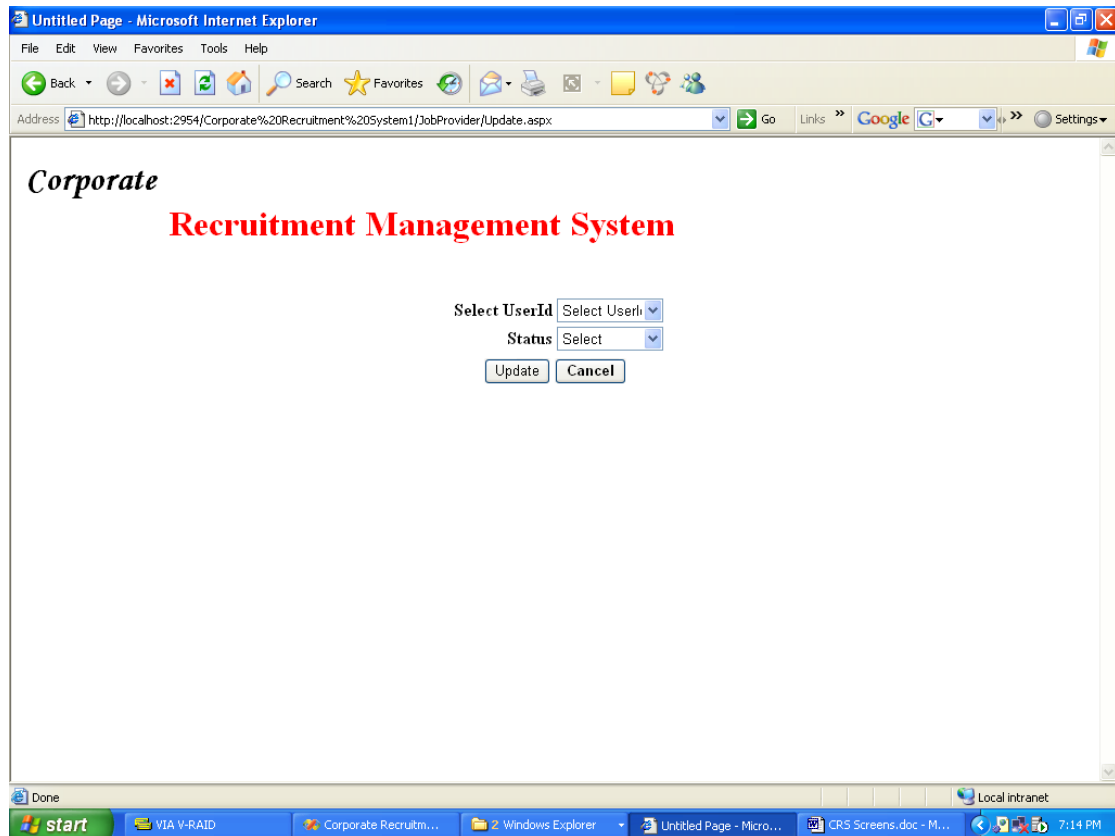
View Seeker Details

Corporate Recruitment Management System



Update Details

Corporate Recruitment Management System



New Job Provider Registration

Change Password

- 57 -

Corporate Recruitment Management System

The screenshot shows a Microsoft Internet Explorer window titled "Untitled Page - Microsoft Internet Explorer". The address bar displays the URL: `http://localhost:2954/Corporate%20Recruitment%20System1/JobProvider/ChangePassword.aspx`. The page content features the title "Corporate Recruitment Management System" in a large, bold, red font. Below this, the heading "Password Change" is centered. The form includes three input fields: "Old Password", "New Password", and "Confirm New Password". At the bottom of the form are two buttons: "Submit" and "Cancel". The Windows taskbar at the bottom shows the "start" button, several open applications including "VIA V-RAID", "Corporate Recruitm...", "2 Windows Explorer", "Untitled Page - Micro...", and "CRS Screens.doc - M...", and a system clock showing "7:16 PM".

Corporate Recruitment Management System

Password Change

Old Password

New Password

Confirm New Password

Logout

Corporate Recruitment Management System



Job Seeker Login

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Print Mail News RSS Feeds

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobSeeker/Login.aspx Go Links Google Settings

Corporate
Recruitment Management System

 **Login**

Authorization

Login :

Password :

Done Local intranet

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... 7:16 PM

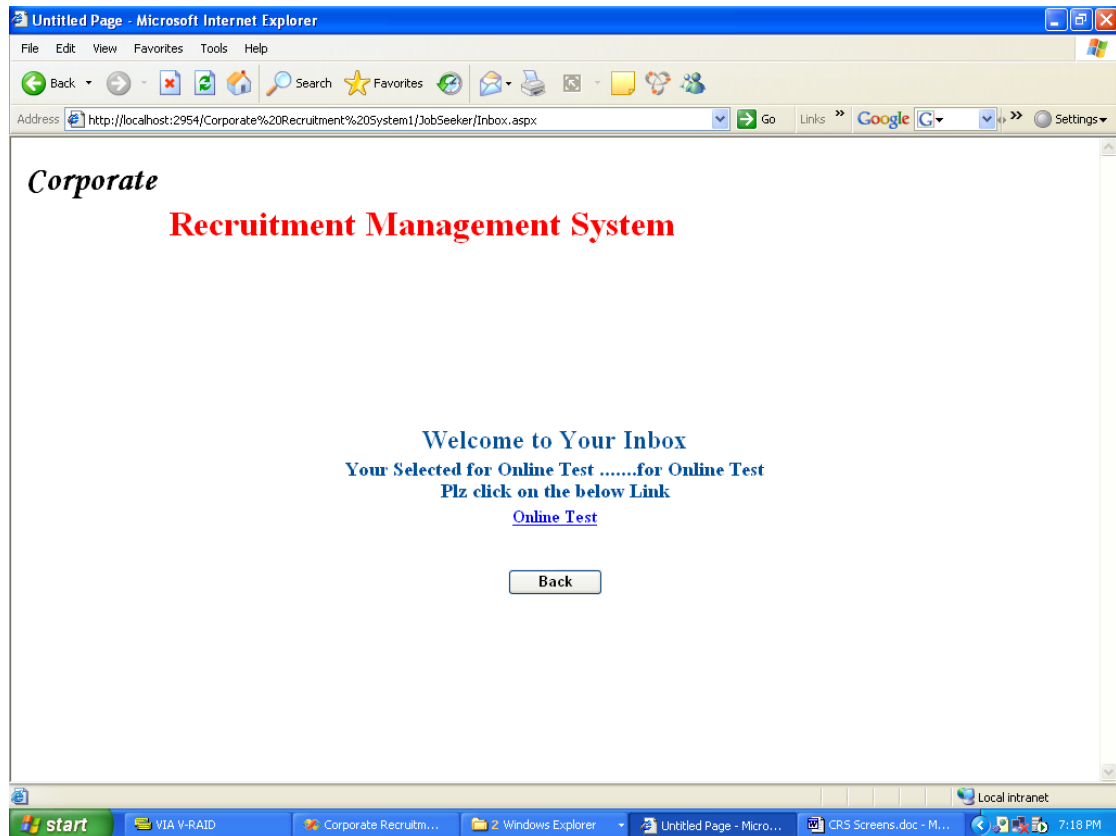
Job Seeker Role Dependent Menu Screen

Corporate Recruitment Management System



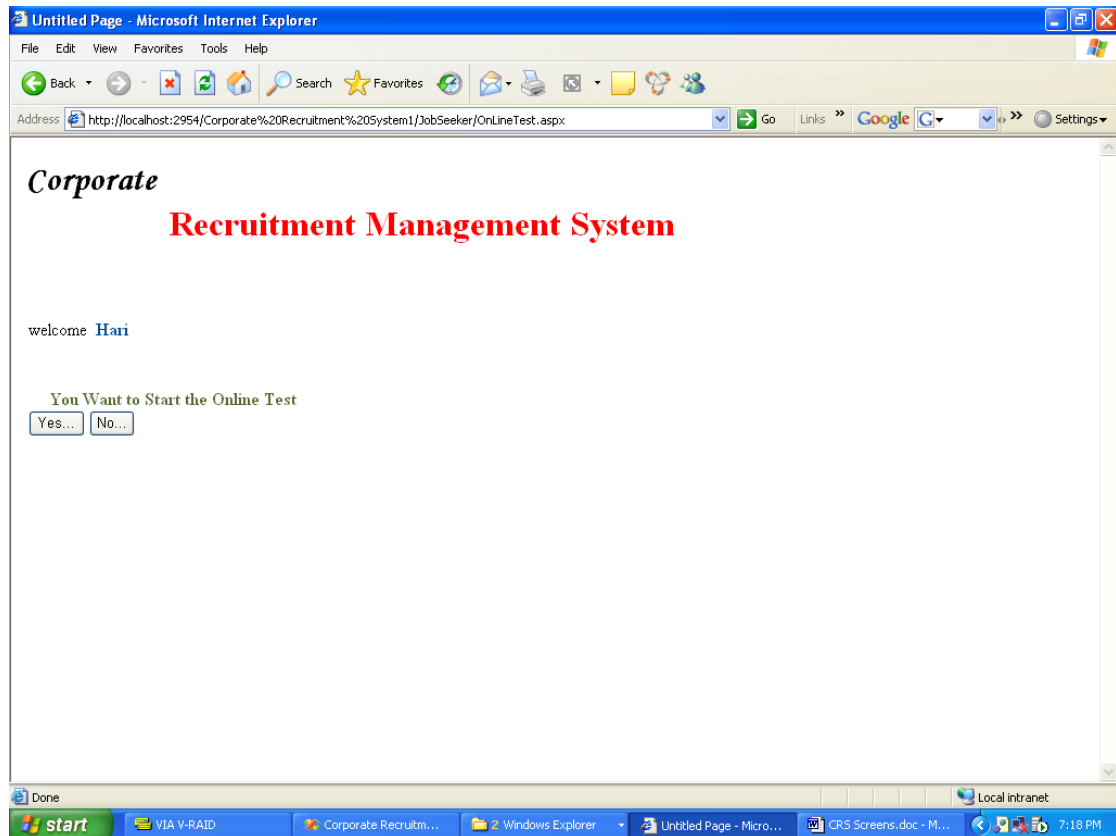
Inbox

Corporate Recruitment Management System

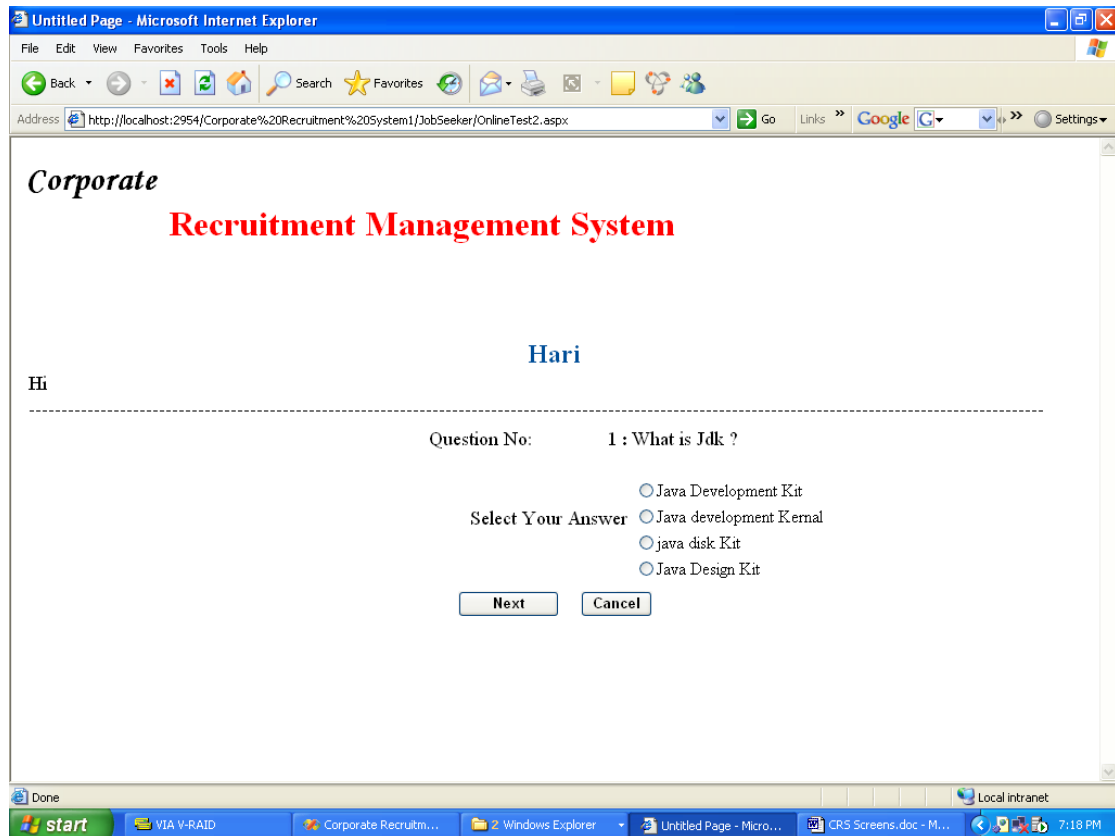


Online Test

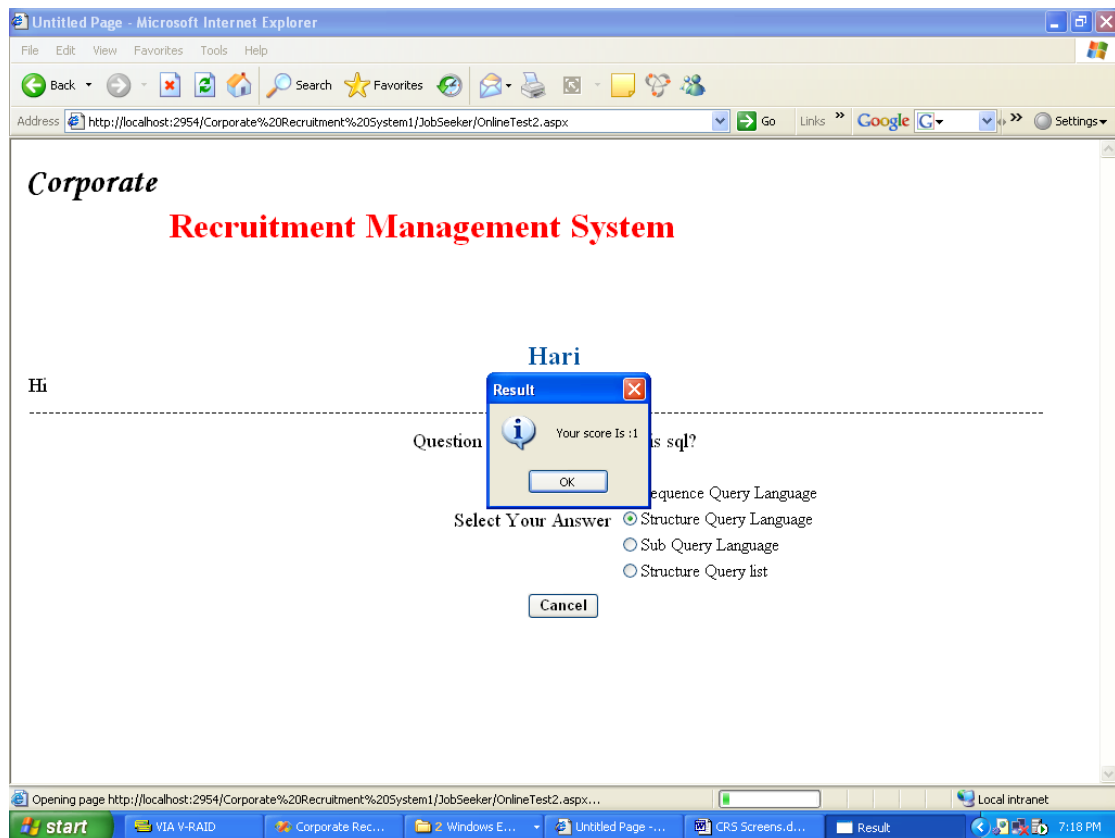
Corporate Recruitment Management System



Corporate Recruitment Management System



Corporate Recruitment Management System



Corporate Recruitment Management System

Change Personal Profile

The screenshot shows a Microsoft Internet Explorer window with the address bar displaying `http://localhost:2954/Corporate%20Recruitment%20System1/JobSeeker/Changepersonelinfo.aspx`. The page title is "Untitled Page - Microsoft Internet Explorer". The main content area displays the "Corporate Recruitment Management System" logo and the heading "Change Your Personal Information".

Personal Information :

User Id	Hari	Mobile No	9812332456
User Name	Hari Nath	Email Id	hari@gmail.com
Phone No	040-23456782	Passport No:	p0324555

Contact Address :

House No	1-323
Street Name	kamalanagar
City	Hyderabad
State	Andhra Pradesh
Country	India
Pin Code	500056

Permanent Address :

House No	1-323
Street Name	kamalanagar
City	Hyderabad
State	Andhra Pradesh
Country	India
Pin code	500056

[Cancel](#)

Post Resume

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites RSS Print Mail

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobSeeker/PostResume.aspx Go Links Google G Settings

Corporate Recruitment Management System

Post your Resume

Professional Information :

Current Industry: Accounting -Tax/Consulting
Advertising/pr/Event Manage
Agriculture/Forest/Fishing
Appreal/Garments

Current Level: Select Current Level

Functional Area: Accounting/Tax/Company S
Administration
Advertising/PR/Events
Anchoring/TV/Films/Product

Area Specialization:

Key Skills:

Experience: Please Select

Current Employer:

Previous Employer:

Current Yearly Salary : Rs. Please Select Lacs Please Select Thousands

Resume Title:

Browse Resume: Browse...

Educational Information :

Done

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... Local intranet 7:19 PM

Corporate Recruitment Management System

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Search Favorites

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobSeeker/PostResume.aspx Go Links Google G Settings

Current Industry Advertising/pr/Event Manage
Agriculture/Forest/Fishing
Appreal/Garments

Current Level Select Current Level

Functional Area Accounting/Tax/Company S
Administration
Advertisng/PR/Events
Anchoring/TV/Films/Product

Area Specialization

Key Skills

Experience Please Select

Current Employer

Previous Employer

Current Yearly Salary : Rs. Please Select **Lacs** Please Select **Thousands**

Resume Title

Browse Resume

Educational Information :

Select Your Higest Qualification Please Select

Specialization Please Select

Institute Please Select

Year Of Passing Out Please Select

Submit Reset Cancel

Done Local intranet

start VIA V-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... 7:19 PM

Corporate Recruitment Management System

View Jobs

Corporate Recruitment Management System

View Job Details

JobCode	JobName	Qualification	ReqSkills	ReqExperience	Responsibilities	Vacancies	CreatedOn	CreatedBy	Status
Job1	Project Manager	Btech/Mtech	Ms.net	5 years	Project Handling	20	10/26/2008 12:00:00 AM	ram	1
Job2	Team Leader	Btech/Mtech/BE	Ms.net,SqlServer	4 Years	Team Lead	50	10/26/2008 12:00:00 AM	ram	1
Job3	Senior Software Engineer	Btech/Mtech/BE	Java	5 Years	Developer	100	10/26/2008 12:00:00 AM	ram	1
Job4	Programmer	Btech	Advanced Java	5 Years	Design	30	10/27/2008 12:00:00 AM	ram	1

Back

Corporate Recruitment Management System

Logout



Corporate Recruitment Management System

Register New User

Untitled Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Reload Home Search Favorites Print Mail News RSS Feeds

Address http://localhost:2954/Corporate%20Recruitment%20System1/JobSeeker/JSRegistration.aspx Go Links Google G Settings



Welcome To Job Seeker Registration

Personal Information :

User Id		Phone No	
User Name		Mobile No	
Password		Email Id	
Sex	Select	Passport No:	

Contact Address :

House No		Permanent Address :	House No	
Street Name			Street Name	
City			City	
State			State	
Country			Country	
Pin Code			Pin code	

[Cancel](#)

Done Local intranet

start VIA Y-RAID Corporate Recruitm... Windows Explorer Untitled Page - Micro... CRS Screens.doc - M... 7:21 PM

10. Conclusion:

From a proper analysis of positive points and constraints on the component, it can be safely concluded that the product is a highly efficient GUI based component. This application is working properly and meeting to all user requirements. This component can be easily plugged in many other systems.

11. BIBLIOGRAPHY

The following books were referred during the analysis and execution phase of the project

SOFTWARE ENGINEERING

By Roger s. Pressman

COMPLETE HTML

Steven Holzner

UNIFIED MODELING LANGUAGE

By Grady Booch, Ranbaugh, Jacobson

SQL FOR PROFESSIONALS

By Jain

C#.NET Black Book

By Evangelous Petersons

MSDN 2005

By Microsoft