**Data Flow Diagram**

Level 0

Job Seeker

Employer

Admin

request

response

Level 1

response

User

Login

request

result

status

User

Reg info

Job seeker info

Employer info

Login info

Job Seeker

Employer

Login

Search result

User

Search Criteria

Availability of Job seeker

Job postings

vacanies info

Job Seeker

Employer

Job

status

Admin

Check Users

Authorizing Access

Job Seeker

Employer

Login

Level 2

Login status

User

Usernamepassword

Login info

Login

Status

Job Seeker

Job seeker details

Job seeker info

Job Seeker

Login

Role base authentication

Resume

Add Resume

Resume info

Job

Add Jobs

vacancies

Status

Employer

employer details

employer info

employer

Login

Role base authentication

Results

Job Seeker

Search criteria

Company Info.

Employer

Job

Job Info.

Results

Employer

Search criteria

Applicant’s info

Job Seeker

verify

Admin

verify

Accept / Block

Role base authentication

Job Seeker

Login

Employer

Accept / Block

**SYSTEM DESIGN**

The system is broadly divided in to three modules named Jobseeker, Employer and Administrator. These users got the variety of options and facilities. They do have some facilities that may be common. The vast variety of the options is restricted to the subscribed users. The subscribed users can login to the system and use the all facilities both for the employers and job seekers. The unsubscribed users can also surf through the system but they get only the limited facilities. But the unsubscribed users can seek for the suitable job by using the searching facility available. If they need to utilize more features they should login to the system by filling in the registration form. From the home page the users can login using their user id and password if he/she is a valid user. For the new users there will be provision for new registration. After getting logged in to the system the will be guided to the respective pages. The administrator is the controller of the system operation and act as intermediate between jobseeker and employer.

HOME

Subscribe

Search

Login

Job seeker

Employer

Location

Category

Level

*Figure 1.1* *System design*

**1.1. LOGIN**

Thevalid user can login to the system from the home page using their user id and password. The user can login to the system through the home page either as Job seeker or as Employer. From the home page the users can select their respective home pages as per their type of account. User should supply the correct user name and password through the login form as per their subscription. The administrator user can get all the different options so as to control and coordinate the different process. Jobseeker and an Employer can login to the system purposefully.



*Figure 1.2* *Login*

**1.2. JOB SEEKER**

In the jobseeker module, the main functions comprise uploading resume, updating, searching, applying for the post and unsubscribe. A jobseeker can interactively communicate with the system. An employee can search different way to get a suitable employment like search by level of experience, category and location. In order to get registered with the site the user should upload or edit the resume and user information. They can update the profile as per the improvements, if interested apply for the particular job as per the employer’s commencement on vacancies and user can unsubscribe from the system if he wish.

The jobseeker module is the major attraction of the system. The different options help the user to easily seek the employment as per their wish. Upload Resume sub module helps the user to upload the resume for registering in to the job site. The searching is the one of the important function of the Jobseeker module. A jobseeker can search very informatively using search option and the unsubscribe option will help the user to cancel the registration.

JOB SEEKER

Upload resume

Search

Unsubscribe

Location

Category

Level

Update Profile

*Figure 1.3* *Jobseeker*

**1.2.1. Upload Resume**

Upload Resume sub module helps the user to upload the resume for registering in to the job site. Through this user can ensure his/her registration in the site. The user can filled all the details about personal information, curriculum details and about the experience through the given format. And appropriate data is saved in the proper data tables for the future retrieval.

**1.2.2. Search**

The searching is one of the important functions of the Jobseeker module. A jobseeker can search very informatively. This option allow the user to search by Location so as the user can seek if there any vacancies in a particular location. And the user can also search a job as per his Level of experience like a fresher or experienced person. In order to search for a special category job the option can allow searching the job according to Category. The Search option gives a more interactive searching for the user.

**1.2.3. Update Profile**

Update Profile allow user to update their profile as per the new changes and curriculum improvements and achievements. This alternative enables the job seekers to make the necessary changes in their profile so that they can expose them self with all their existing and latest qualifications and capabilities in front of the employers.

**1.2.4. Apply For Job**

The job application is forwarded by the job seeker is also through the Job Seeker module. The mailing facility allows the user to confirm the registration for the particular vacancy as per the Employer’s intimation. If the job seeker apply or conform the registration for the particular job before the given date then only it is acceptable.

**1.2.5. Unsubscribe**

This option allows the user to forward an application for cancellation of their registration. Because of the some circumstances occurs to cancel the registration of the job seeker. The unsubscribe option will help the user to cancel the registration as their wish and will.

**1.3. EMPLOYER**

Job providers can also register in to the site for selecting best employees for the company. An employer can trust on the Employees Portal for fill their vacancies with suitable workers in an interactive and hi-tech way. Employers module include the facilities like Posting the job, View queries, Search, Issue call letter, update profile, unsubscribe.

EMPLOYER

Posting Jobs

Search

View queries

Location

Category

Level

Update Profile

Unsubscribe

*Figure 1.4* *Employer*

**1.3.1. Job Posting/Editing**

The role of the Job Posting option is to post the vacancy list of the company to the system. This will include all information about the particular job like job name, category, level, description, location, and last date of posting. Some time the salary scale also included. And the employer can allow updating the posted information. According to the posted jobs the job seeker applies for the vacancies. And the posted job information pass to the user for referring the availabilities. The employers can the power of updating the posted in formations.

**1.3.2. View Queries**

This function allows the employer to view the details of the job seeker who applied for the particular job so as he could knew the responses for the posted job. Through this view query option the employer can understand the pulses of the current job seekers and the number of applicants for the particular job.

**1.3.3. Search**

Search option allows the employer to search efficient and suitable workers for the company. The employer can search in different way like location, category and level of employee. The proper searching can help the employer to find out the availability of the job seekers. He can search by location in order to check the availability for a particular location. Also the employer can search according to the different level employees and category of job.

**1.3.4. Update Profile**

Update profile use for apply modifications and improvements in the profile. The profile is always visible with the updated format. The profile includes all the information about the company with the facilities and achievements they can have. The profile of the jobseekers should be precisely clear and should be accurate. The updating option allows user to update their profile accordingly.

**1.3.5. Unsubscribe**

This option allows the user to forward an application for cancellation of their registration. The un- subscription can be handled by the administrator. If the employer decide that further no need the help of the system or user want to revise all kind of information then the company can apply for cancellation of registration through the unsubscribe option.

**1.4 ADMINISTRATOR**

The administrator module has the controlling power on this particular job site. The main functions of this module are blocking, view request, searching, update settings, update profile and mailing facility. Only the administrator can block the user. He can view all type of queries and through the proper communication with job seeker and employer administrator can control all the operations. Together all these functions the administrator can manage the role.

**ADMINISTRATOR**

Block

Update Settings

Employer

Job Seeker

Search

Employer

Job Seeker

Update Profile

*Figure 1.5* *Administrator*

**1.4.1. Block**

This function is used for blocking the users. Blocking means the cancellation of the registration of the users. The employers and the job seekers are blocked by the administrator due to some malpractices raised from the users.

**1.4.2. Search**

The search can allow the administrator to seek the suitable employers as well as the job seekers. The available or registered details of both the employers and the job seekers can be viewed and search according to the purpose. Searching is an important function of administrator and by the proper searching of posted jobs and registered jobseekers, administrator intimate the jobseekers about the posted job details as per their qualifications.

**1.4.3. Update Settings**

TheUpdate settings option is used for updating the company settings (Business Rules). These include setting the Posting duration in months, no of postings per month, no of applications available for job seekers etc.

**1.4.4. Update Profile**

This option allows updating the profile for further enhancement. All the updating and the latest information and interactive data should be in the profile. This should include all the information about the job site and the profile should be in an interactive format. The profile of the jobseekers should be precisely clear and should be accurate. The updating option allows user to update their profile accordingly.

**FACILITIES**

* **Change Password**

The change password option allows the user to change the password in order to maintain security. It is necessary to change the pass word meaningfully and frequently to avoid tracking and hacking.

* **Search Engine**

Searching helps the users to search in different way according to their purpose. It has done the searching in an interactive way so as to allow searching by Level of experience, Category and Location. The proper searching can help the employer to find out the availability of the job seekers. He can search by location in order to check the availability for a particular location. Also the employer can search according to the different level employees and category of job. The option can allow the user can search by Location so as the user can seek if there any vacancies in a particular location. And the user can also search a job as per his Level of experience like a fresher or experienced person. In order to search for a special category job the option can allow searching the job according to Category.

* **Edit Profiles**

Edit Profile allow user to update their profile as per the new changes and curriculum improvements and achievements. The profile includes all the information about the company with the facilities and achievements they can have. Through this option the employer can edit or update all kind of information in the profile.