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<u>Online Job Portal (Case Study)</u>

The problem is "Online Job Portal" where applicants easily find the jobs and employer can find suitable candidates for the job.

This web based portal basically concerned with different job services provided by different companies. The online job portal that provide jobseekers with different jobs information like: (1) online applying for jobs (2) search for jobs. It is also concerned with details of jobseekers. Jobseeker can view the list of different jobs and can apply for jobs. Then the company going to select the required job seekers for their qualification and update the database. Their be an admin to manage all things.

The basic scope contains:

- Jobseeker's Area
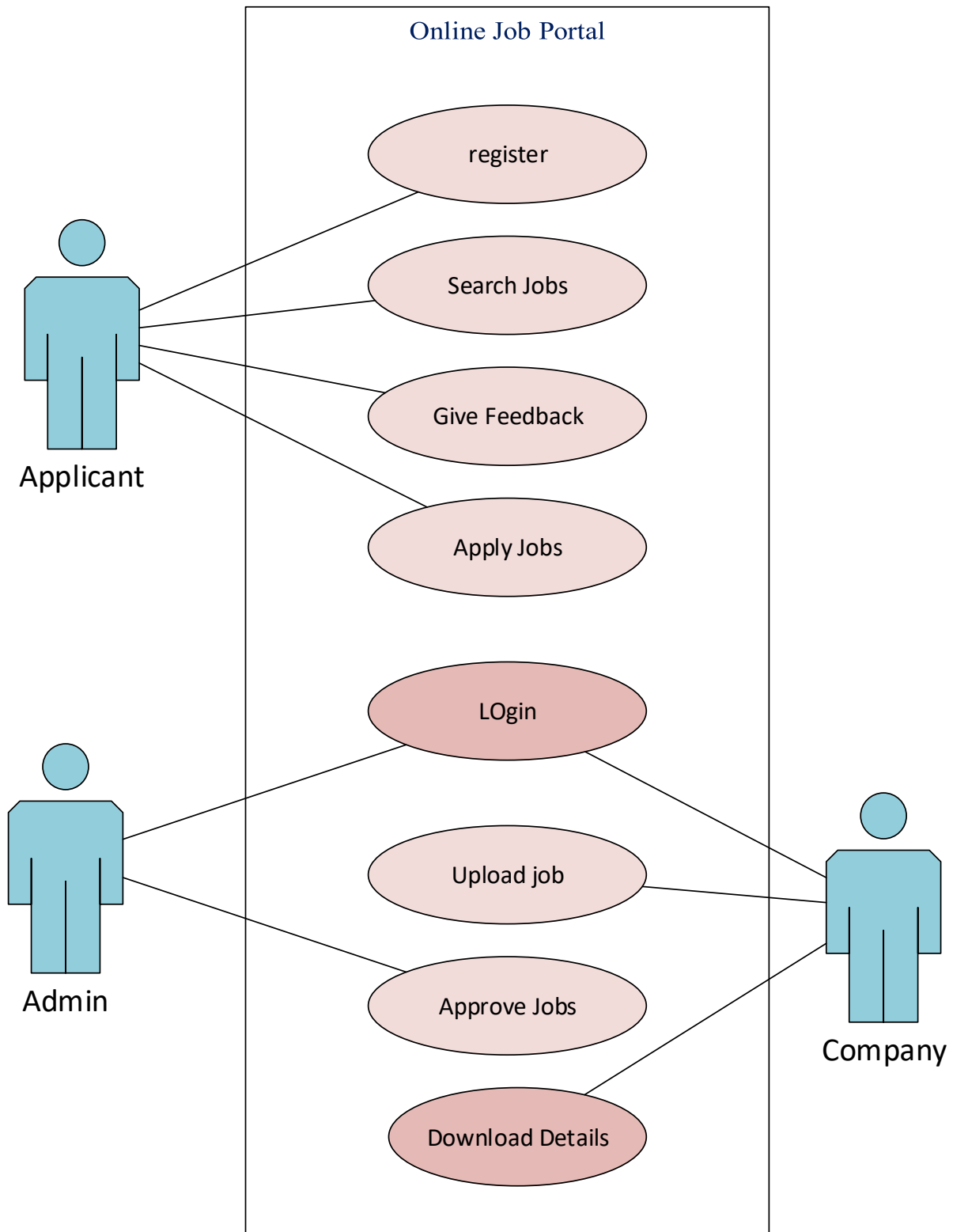- Company's Area
- Administrator's Area

Use Case Diagram

Online Job Portal

Applicant

- register
- Search Jobs
- Give Feedback
- Apply Jobs

Admin

- LOgin
- Upload job
- Approve Jobs
- Download Details

Company

Figure 1 Use Case Diagram

Activity Diagram

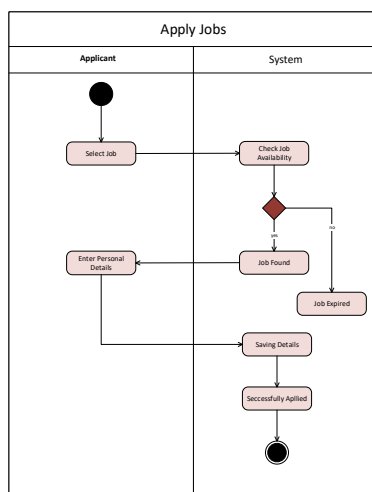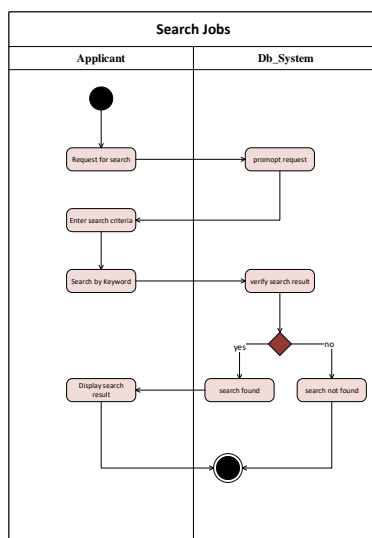
Figure 2.1 Apply job Activity Diagram
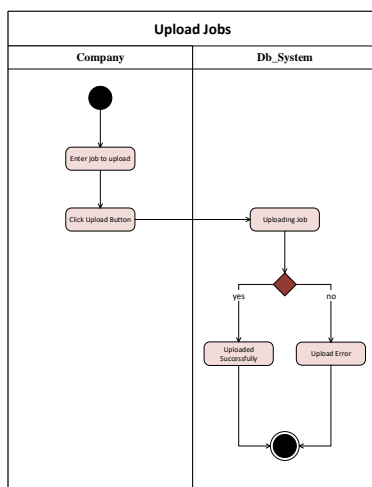

Figure 2.2 Search job Activity Diagram

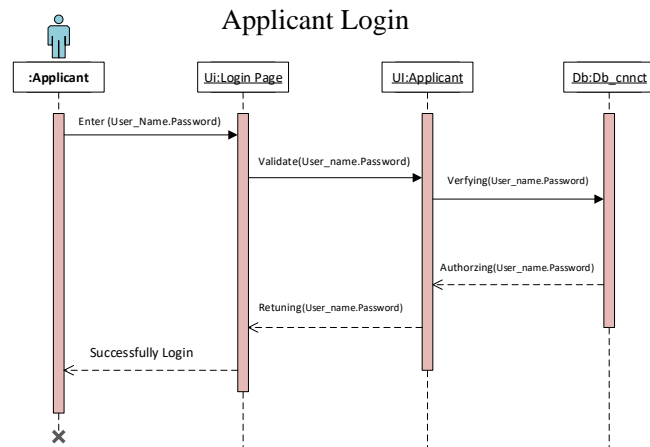Figure 2.1 Upload job Activity Diagram

Sequence Diagram

Applicant Login

:Applicant	Ui:Login Page	UI:Applicant	Db:Db_cnnct

Enter (User_Name.Password)

Validate(User_name.Password)

Verfying(User_name.Password)

Authorzing(User_name.Password)

Retuning(User_name.Password)

Successfully Login

Figure 4.1 Applicant login Sequence Diagram

Search Jobs

:Applicant	S:Search_Jobs	S:Search	Db:Db_cnnct

Search by keywords

Before search request

Add key parameters to search query

Executing key results

Matching keywords by query

Returning result

Retuning result

Displaying the result
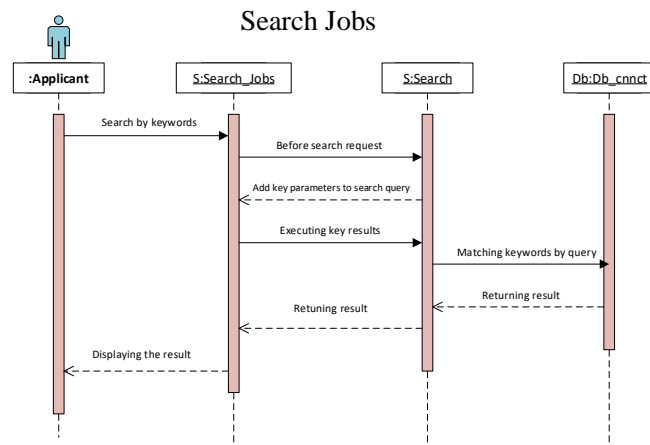
Figure 4.2 Search job Sequence Diagram

Apply Jobs

:Applicant	UI:Apply_Form	A:Apply	Db:Db_cnnct

Select job

Request for job

Verfying job

Returning job status

Job found

Fill the form

Enter details

Send details

Inserting details

Returning

Retuning

Apply successfully
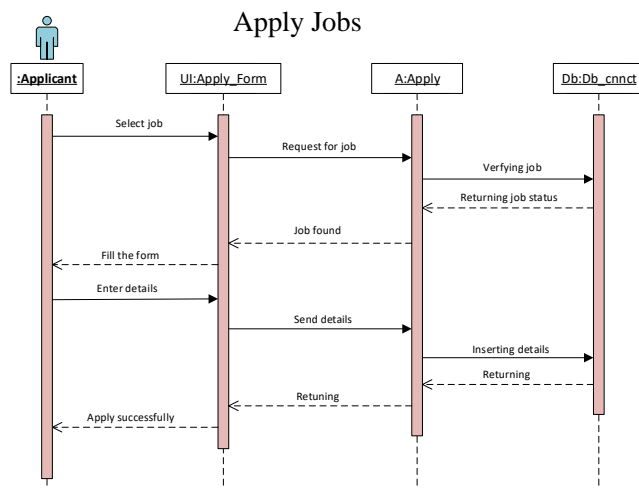
Figure 4.3 Apply job Sequence Diagram

Class Diagram

Person
- -Use name
- -Password
- +login()
- +logout()

Admin
- +View_Jobs()
- +Approve_Jobs()
- +Remove_User()

Applicant
- -Job_Id
- -Name
- -Address
- -Email_Id
- -Contact_No
- -Gender
- +CreateCv()
- +UpdateProfile()
- +DeleteProfile()

Company
- -Company_Id
- -Company_name
- -Company_address
- -Company_description
- +AddVacany()
- +AddRequirement()

FeedBack
- -Description
- +Send()
- +Request()

Resume
- -Academin_Details
- -Name
- -Personal_Details
- +Upload()
- +Update()

Resume_Selection
- -Job_Id
- -Company_name
- -Job_Title
- -Job_Category
- -Location
- +GetResult()
- +SetResult()

Job
- +AddJobs()
- +SearchJobs()
- +ApplyJobs()
- +ViewJobs()

manage · 1 · 1..n · approve · gives · 1 · applies · 1..n · add · 1 · does · 1 · Add_resume · 1 · 1..n · 1

Figure 3 Class Diagram

State Chart

start

upload job

[By getting approved by admin]

Job List

Search by applicant

search job

[Full fill the requirement]

Applied Job

Applied Job

Finish
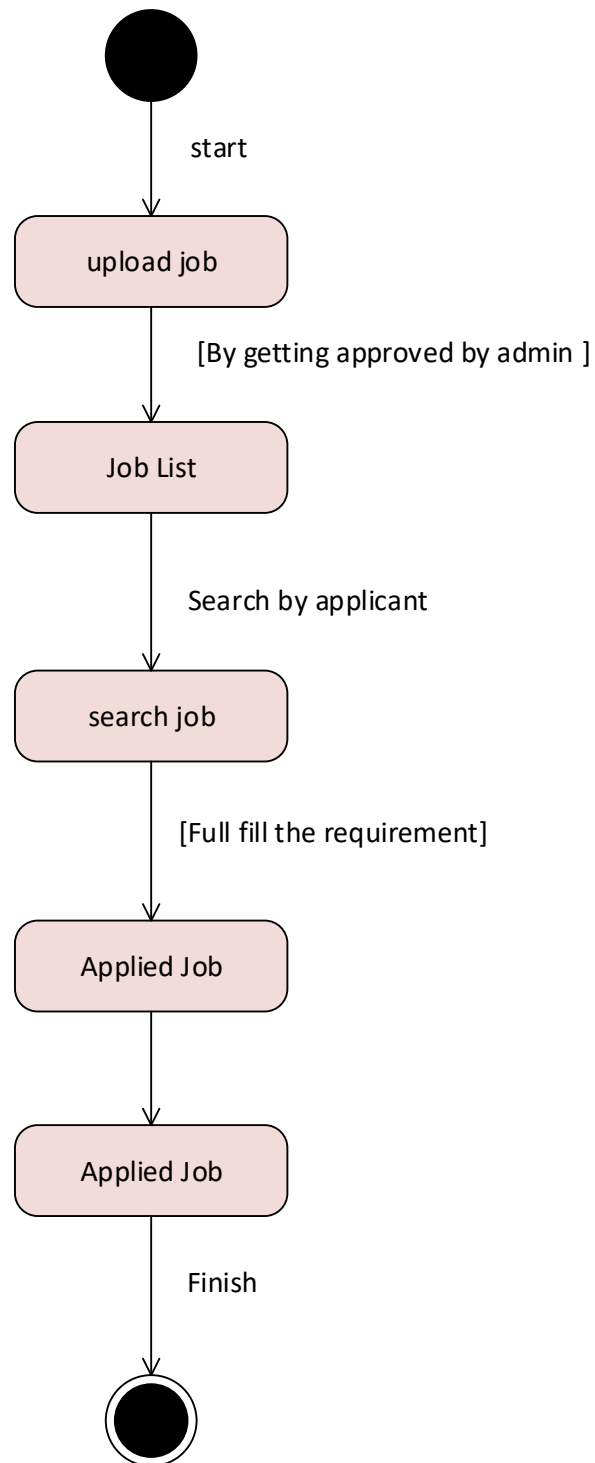
Figure 5 CRC State Chart

CRC Card

Class Name Job	
Responsibilities	Collaboration
Job entry Job validity Job category	Company

Class Name Applicant	
Responsibilities	Collaboration
login Add resume Search job Apply job	Job Company

Class Name Company	
Responsibilities	Collaboration
Upload job View details	Job Applicant

Figure 6 CRC Card