Recruitment Portal

(Technical Document)

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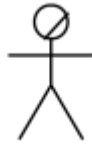# Table of Content

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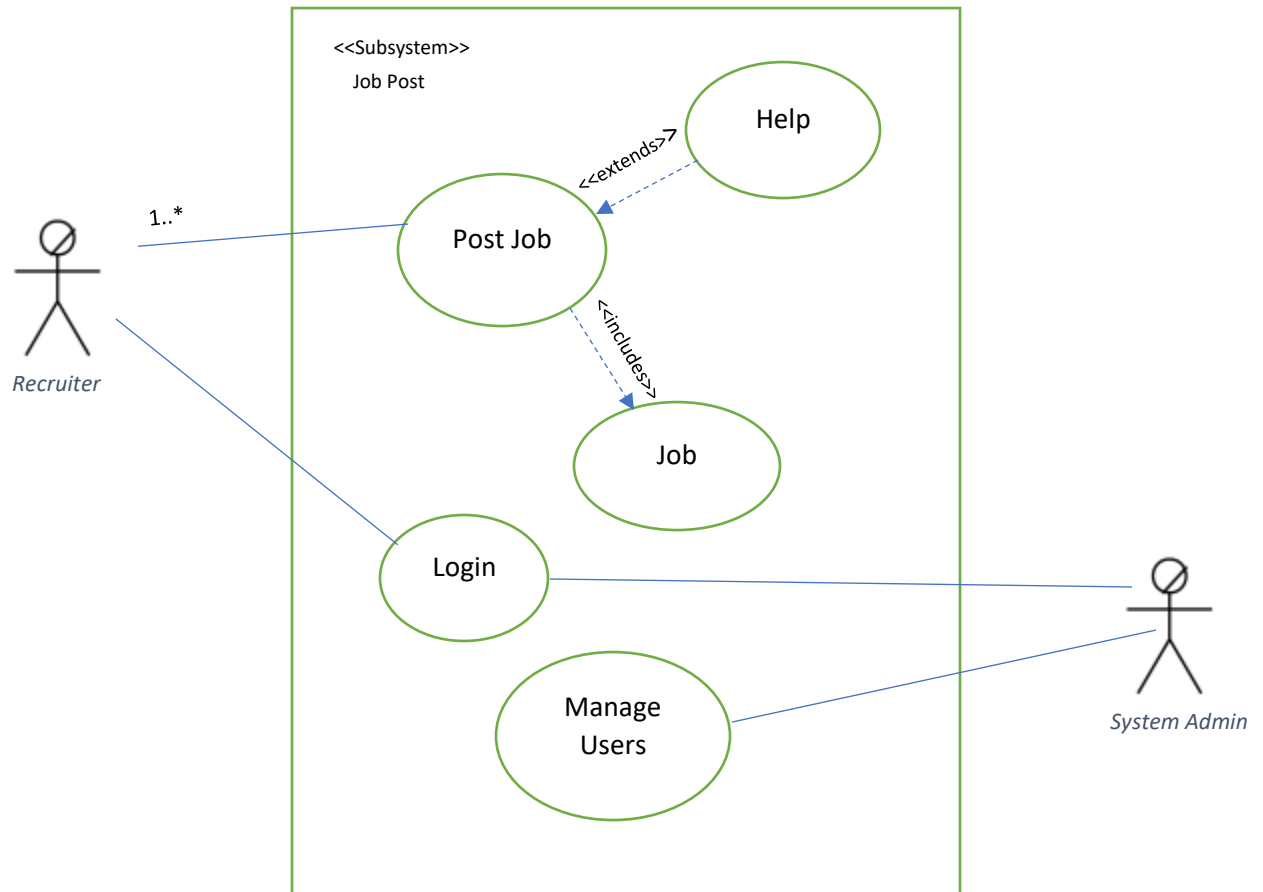4. CRUD API's

ACTORS & SYSTEM USE CASE DIAGRAM

Job Seeker   Recruiter   System Admin

Subsystem: Job Post

<<Subsystem>>
Job Post

Help

<<extends>>

Post Job

1..*

<<includes>>

Job

Recruiter

Login

Manage
Users

System Admin

Subsystem: Apply Job

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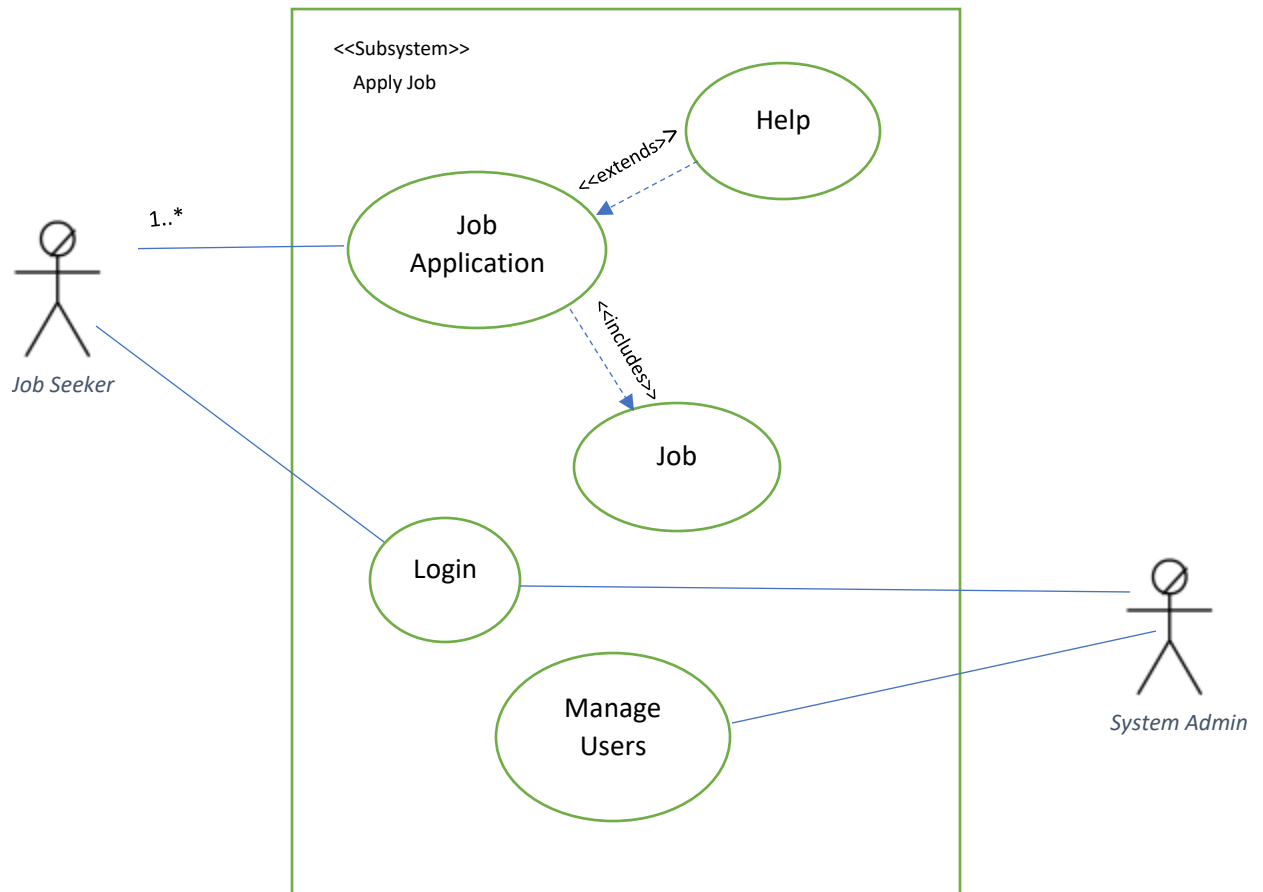
Data Flow Diagram

Level 0

```
Job Seeker  --Request-->   Job Portal   <--Request--  Recruiter
            <--Response--               --Response-->

                         System Admin
```

Job Seeker →Request→ Job Portal ←Request← Recruiter
Job Seeker ←Response← Job Portal →Response→ Recruiter

System Admin

Level 1

Request

User → Login ←Result→ Login
User ←Response← Login

User →Reg. Info→ User Registration →Job Seeker Info→ Job Seeker
User ←Status← User Registration →Employer Info→ Recruiter
User Registration →Login Info→ Login

User →Search Criteria→ Search →Availability of job seeker→ Job Seeker
User ←Search Result← Search →Job Posting→ Recruiter
Search →Vacanay Info→ Job

Admin →Manage Users→ Manage Users → Job Seeker
Admin ←Status← Manage Users →Authorizing Access→ Recruiter
Manage Users → Job
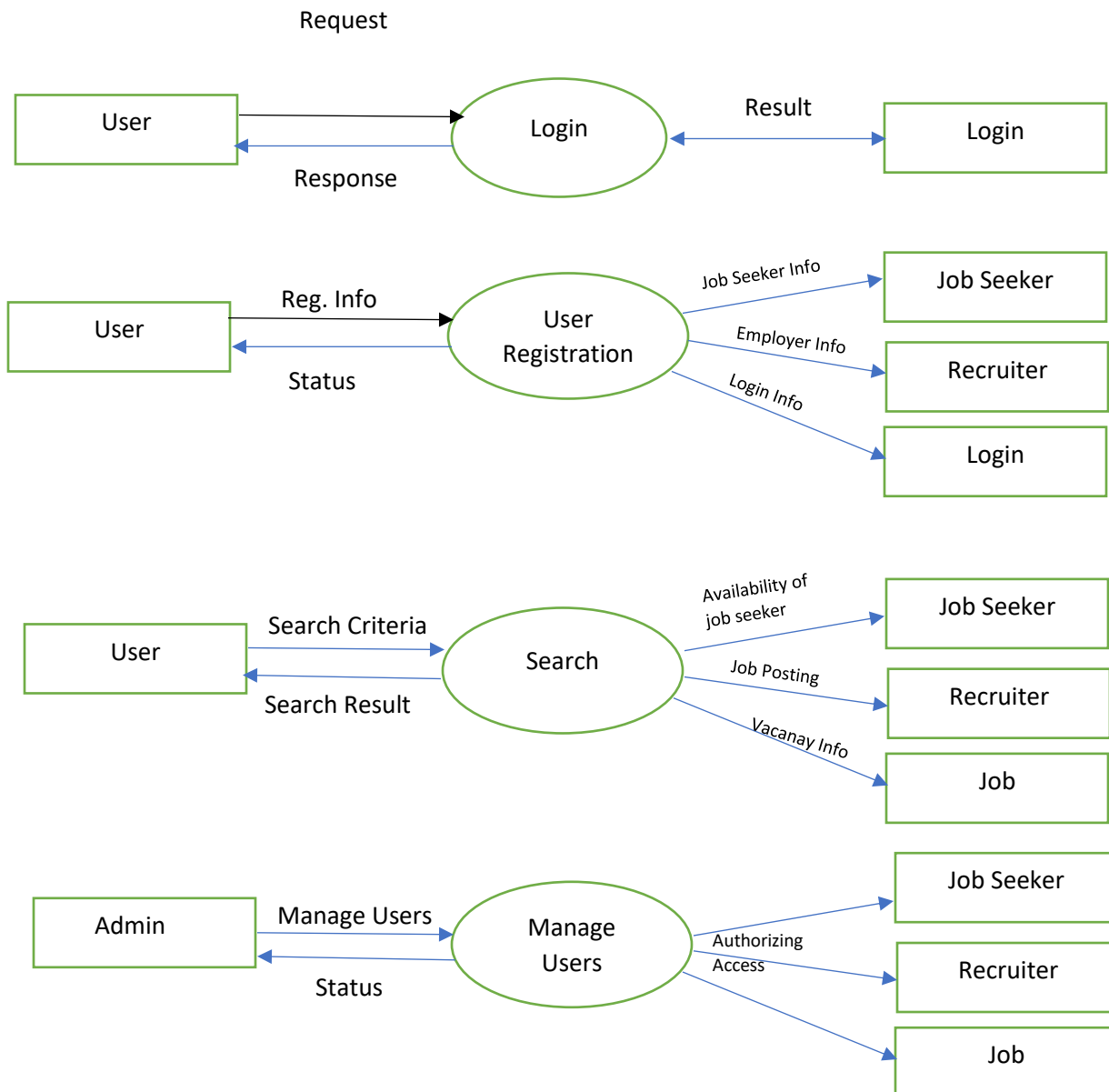
CLASSES/MODELS

1. **User**
   - userId – unique key for user
   - userName – user name
   - email – email id
   - firstName – first name
   - lastName – last name
   - role – Recruiter or Job seeker

2. **Job**
   - jobId – unique key for job
   - jobTitle – job title
   - company – company for which job is posted
   - jobDescription – job description
   - openings – number of openings
   - recruiter – recruiting system user
   - postedOn
   - expireyOn

3. **Company**
   - companyId
   - companyName
   - aboutUs
   - address
   - country
   - state
   - city – city and state for filter the job as per the applicant desired area

4. **JobApplication**
   - jobApplicationId
   - jobApplicant – system user applying for job
   - job – application for which job
   - appliedOn
   - reviewedOn
   - status – pending, selected or rejected by the recruiter.

CRUD API'S

1. **Post Job**

   http://localhost:8080/recruitmentPortal/rest/recruiter/applyPost?key=QOLABX

   Body: Job Info

2. **Get Posted Job for Recruiter**

   http://localhost:8085/recruitmentPortal/rest/recruiter/getMyPostedJobs?key=QOLABX

   Body: Recruiter Info

3. **Get Jobs Posted for a Company**

   http://localhost:8085/recruitmentPortal/rest/recruiter/getJobsForCompany?key=QOLABX

   Body: Company Info

4. **Delete Job**

   http://localhost:8085/recruitmentPortal/rest/recruiter/deleteJob?key=QOLABX

   Body: Job Info

5. **Apply for Job**

   http://localhost:8085/recruitmentPortal/rest/recruiter/applyJob?key=QOLABX

   Body: Job Application Info

6. **View Job Application for User**

   http://localhost:8085/recruitmentPortal/rest/recruiter/viewJobApplications?key=QOLABX

   Body: Job Application Info

7. **View All Job Openings**

   http://localhost:8085/recruitmentPortal/rest/recruiter/getAllJobs?key=QOLABX