

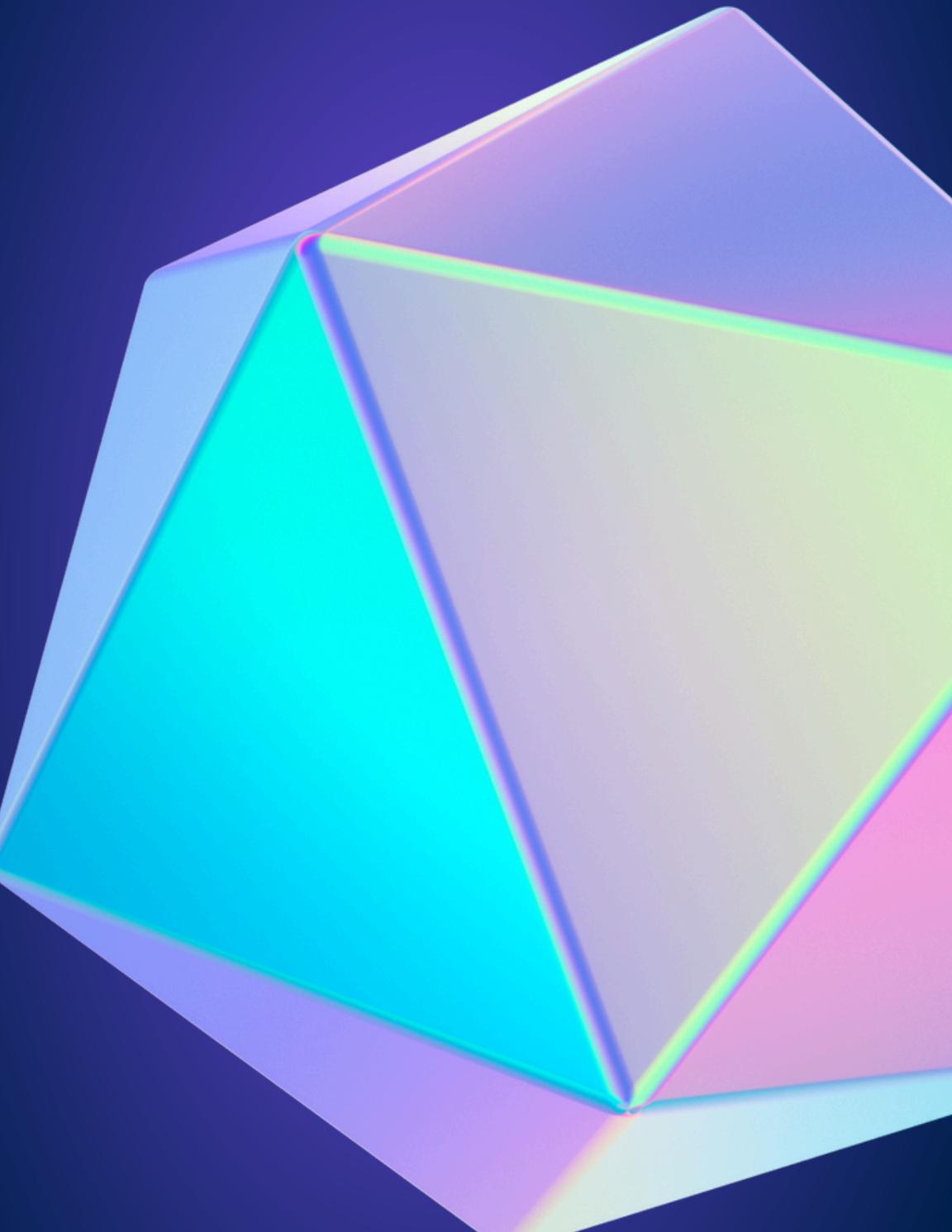


# EMPLOYEE HIRING MANAGEMENT SYSTEM

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# Purpose

- Automate and streamline the entire recruitment lifecycle, from job posting to hiring decisions.
- Provide a centralized digital platform for managing applicant data and recruitment activities.
- Facilitate communication and collaboration between applicants, recruiters, and HR managers.
- Simplify the evaluation process for written tests, interviews, and candidate shortlisting.



# Scope

- This project is focused on developing a comprehensive Employee Recruitment and Management System , tailored for small to medium-sized tech enterprises.

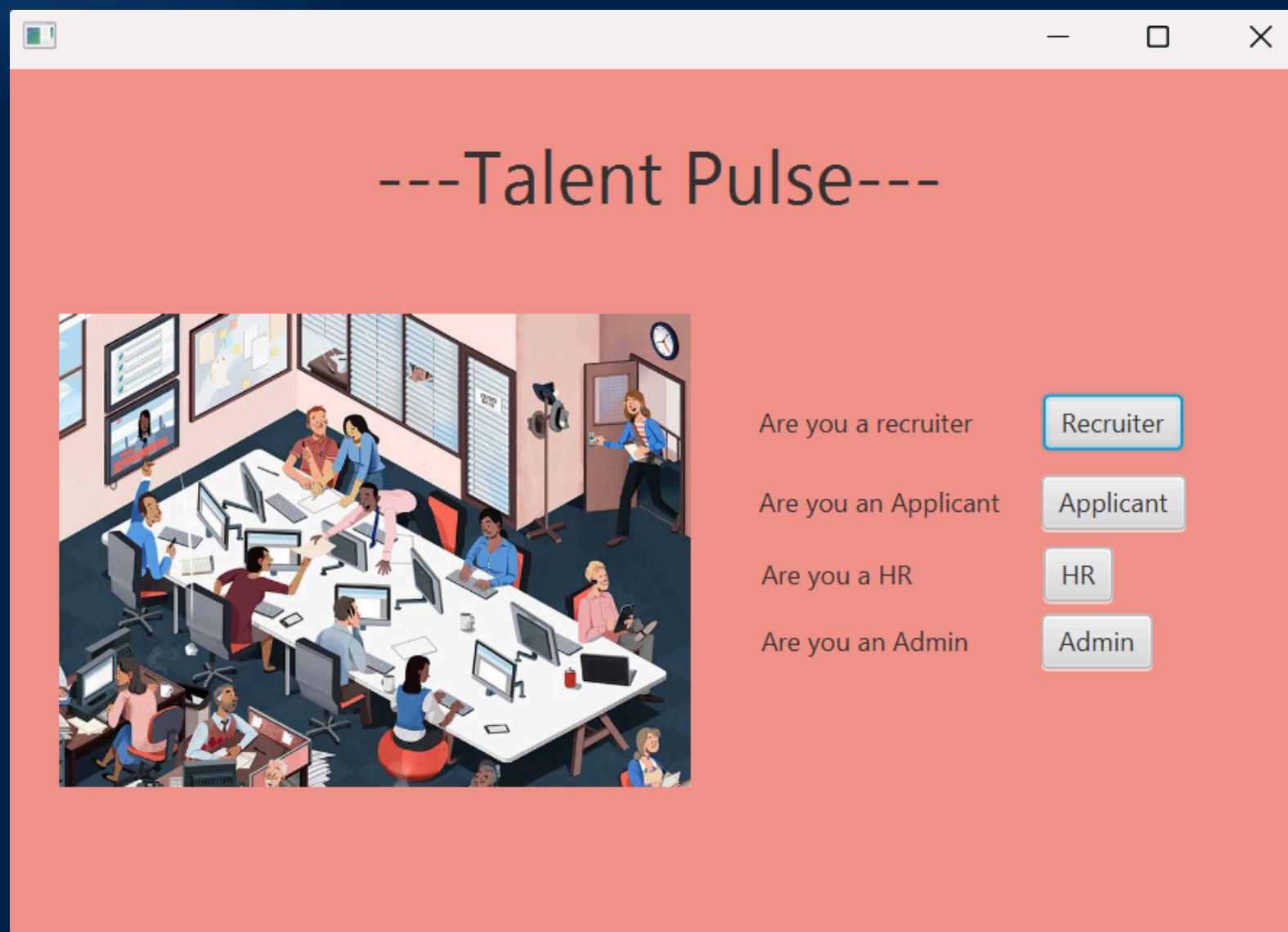
# Actors

- applicant
- recruiter
- hr
- admin



# Screens

## Main menu



## view available jobs

The job listing screen displays a list of four job postings:

- Job ID: 1 | Title: Software Developer | Description: Responsible for developing and maintaining software | Required Skills: Java, SQL, Python | Minimum CGPA: 3.5 | Type: Full-time | Experience: 2 years | Deadline: 2024-12-31 | Recruiter ID: 1 | Status: 1
- Job ID: 2 | Title: Data Scientist | Description: Analyze large datasets and implement machine learning algorithms | Required Skills: Python, R, Machine Learning | Minimum CGPA: 3.7 | Type: Full-time | Experience: 3 years | Deadline: 2025-01-15 | Recruiter ID: 2 | Status: 1
- Job ID: 6 | Title: Developer | Description: need a proficient back end developer | Company: Techfirms | Required Skills: Bachelors in any CS related degree | Minimum CGPA: 3.0 | Type: Full Time | Experience: 2 years | Deadline: 2024-12-06 | Recruiter ID: 1 | Status: 1
- Job ID: 7 | Title: Designer | Description: Design stuff | Company: Cisco | Required Skills: Bachelors in any field related to cs | Minimum CGPA: 3.1 | Type: Full Time | Experience: 1 year | Deadline: 2024-11-28 | Recruiter ID: 1 | Status: 1

At the bottom of the screen are three buttons: "job ids" (dropdown), "Back", and "Apply!".

# Screens

## View Hr information

HR Report

hr\_ids  No of people recommended

Highly Recommended: 0

Recommended: 0

Neutral: 1

Back to Menu

This screenshot shows a window titled 'HR Report'. At the top left is a dropdown menu labeled 'hr\_ids' with the value '3'. To its right is a button labeled 'No of people recommended'. Below these are three categories: 'Highly Recommended: 0', 'Recommended: 0', and 'Neutral: 1', each followed by a list of names. At the bottom left is a 'Back to Menu' button.

## Make contract

Contract

back

Job id

salary

probabation period

contract start date

contract end date

benefits

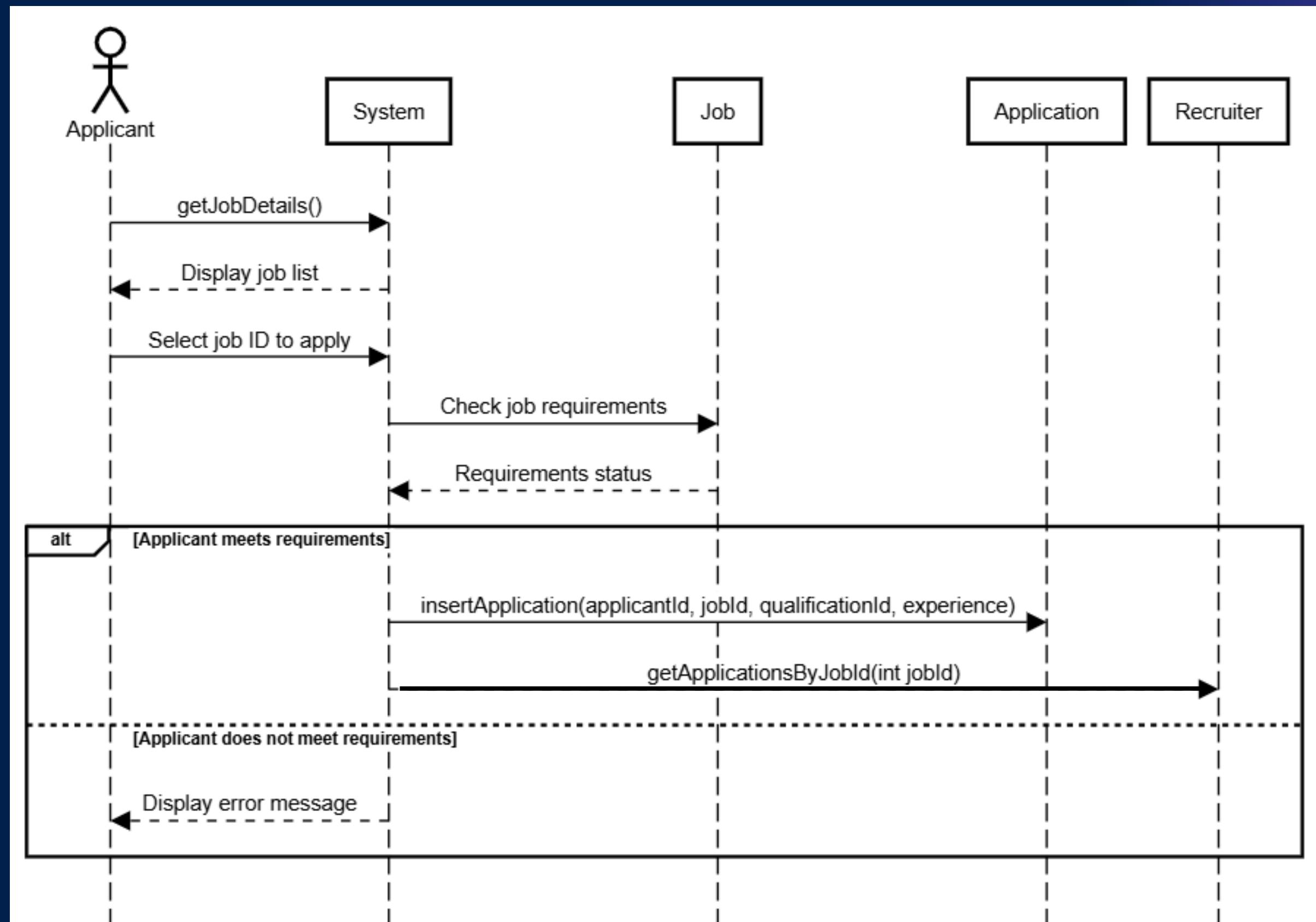
Job Details

Button

This screenshot shows a window titled 'Contract'. It includes a 'back' button at the top left. On the left side, there are several input fields with dropdown arrows: 'Job id', 'salary', 'probabation period', 'contract start date', 'contract end date', and 'benefits'. On the right side, there is a large, empty rectangular area labeled 'Job Details'. At the bottom right is a 'Button'.

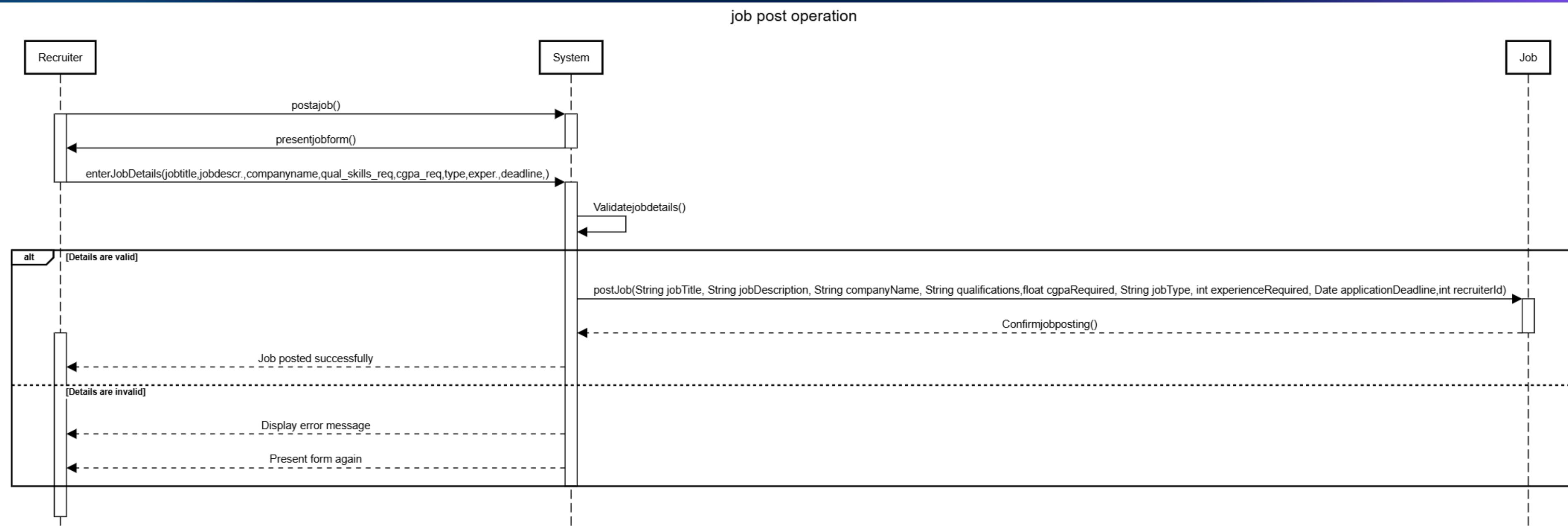
# USECASE 1

**Use Case Name**  
Apply for specific Job

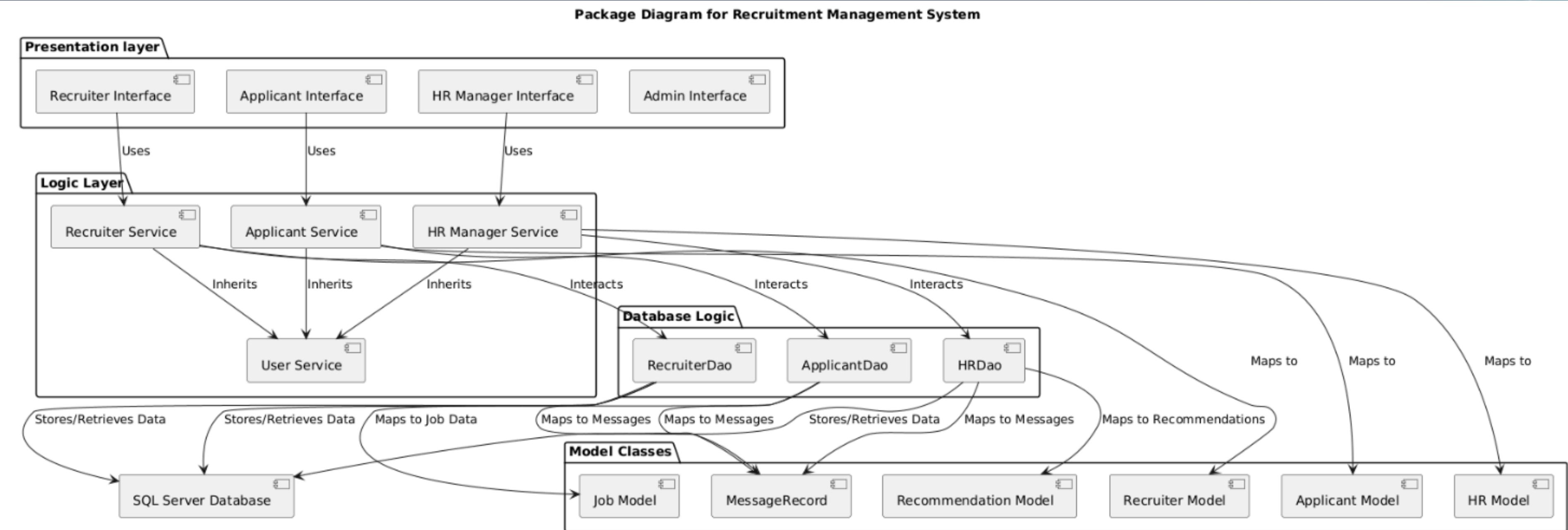


# USECASE 2

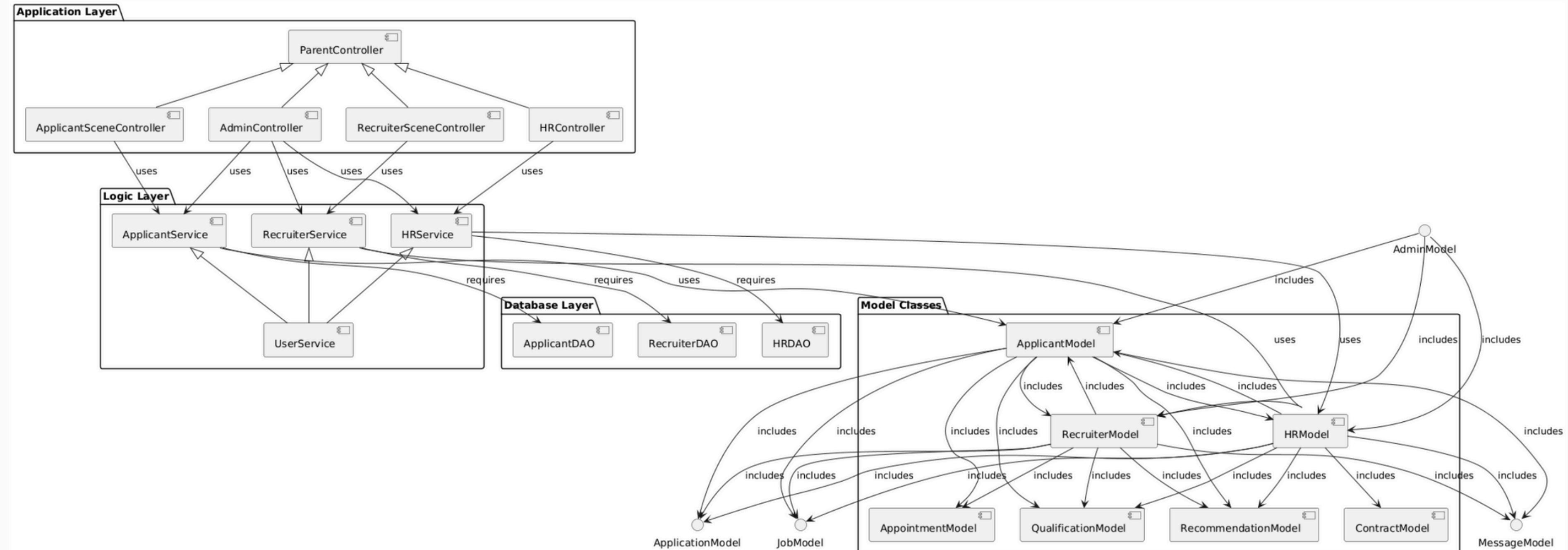
## Use Case Name Job post operation



# Package diagram

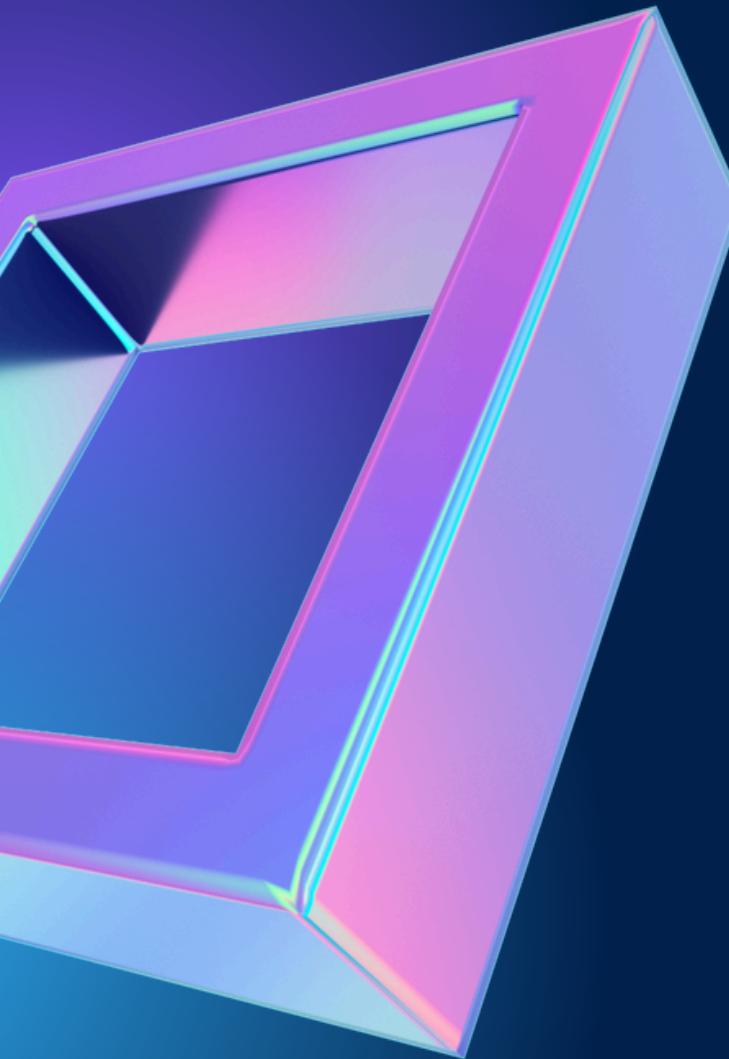


# Component diagram



# Design Patterns

- GRASP
- SINGELTON PATTERN
- FACTORY PATTERN
- OBSERVER PATTERN



Thank You