มหาวิทยาลัยมหิดล
Mahidol University
Wisdom of the Land

Project Phase-1

Job Center System (Use Case Diagram)

By

6488018 Ramita Deeprom

6488025 Thitiwut Harnphatcharapanukorn

6488032 Khuboon Homchuen

6488079 Burit Sihabut

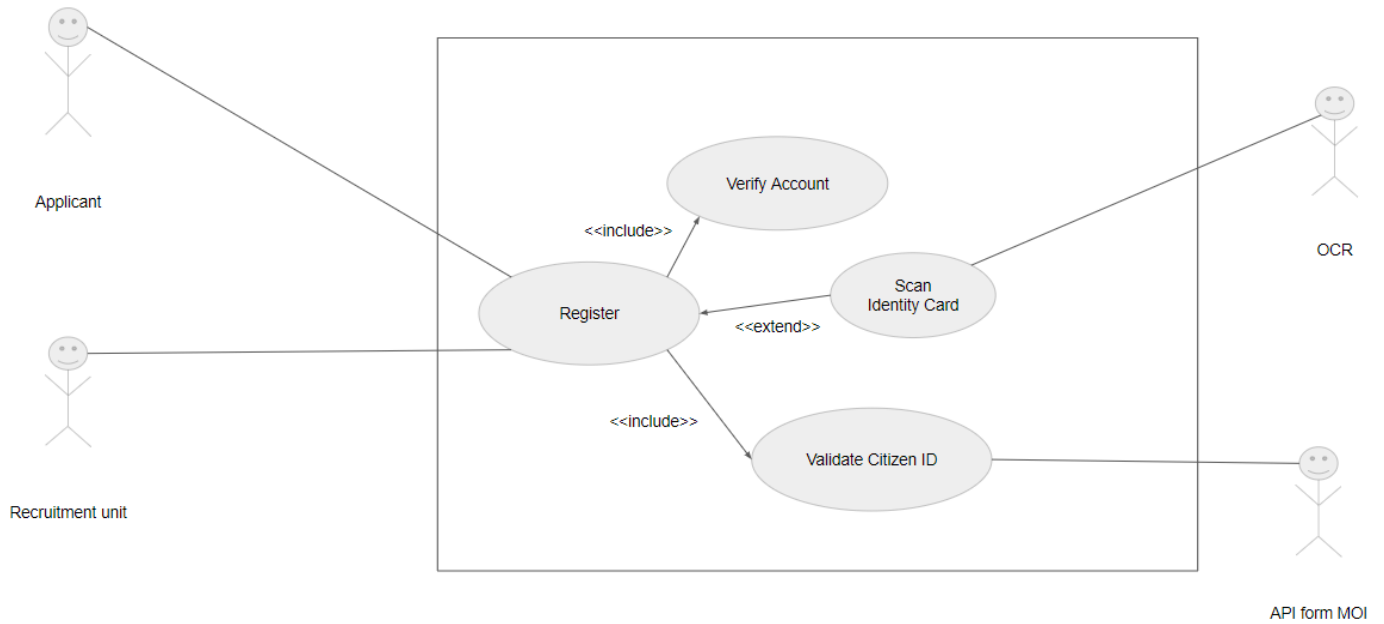6488201 Piangfa Boonkaew

6488214 Voramon Kachanun

A Report Submitted in Partial Fulfillment of
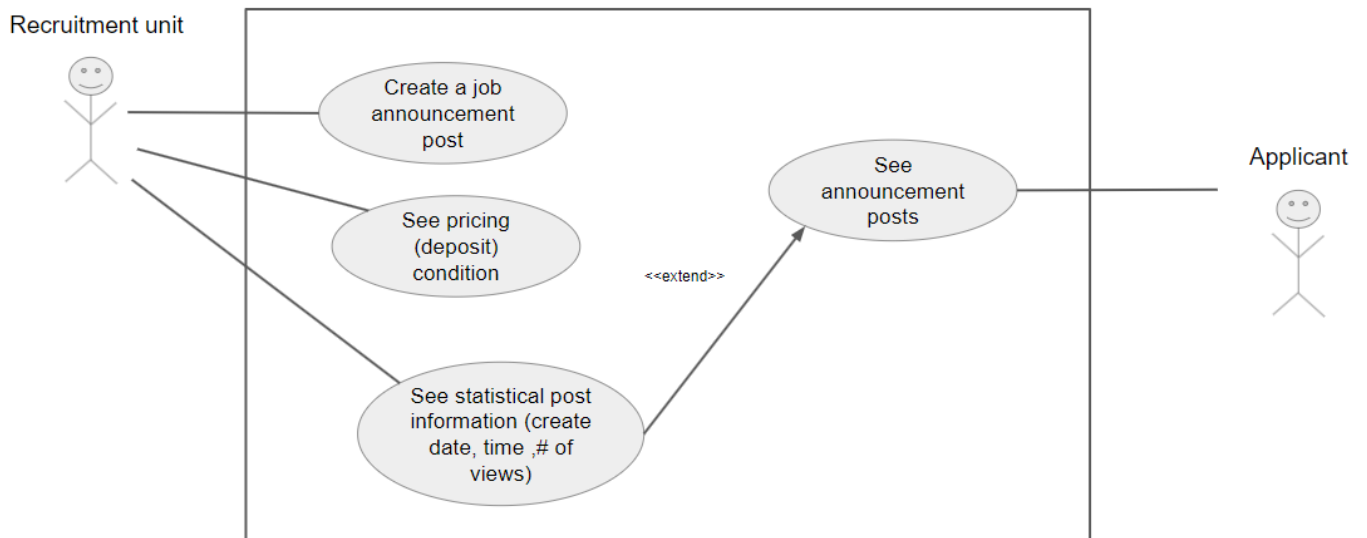
ITCS371 Introduction to Software Engineering

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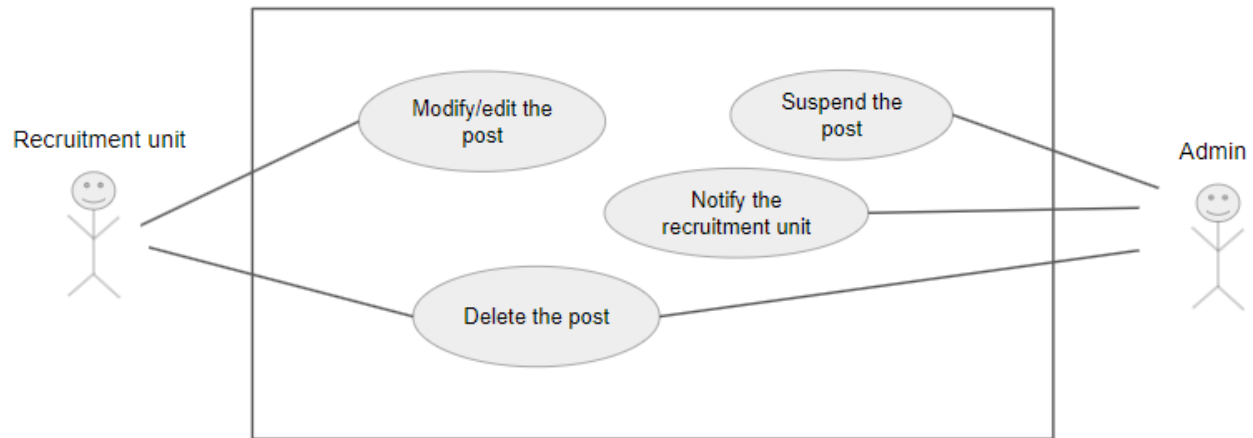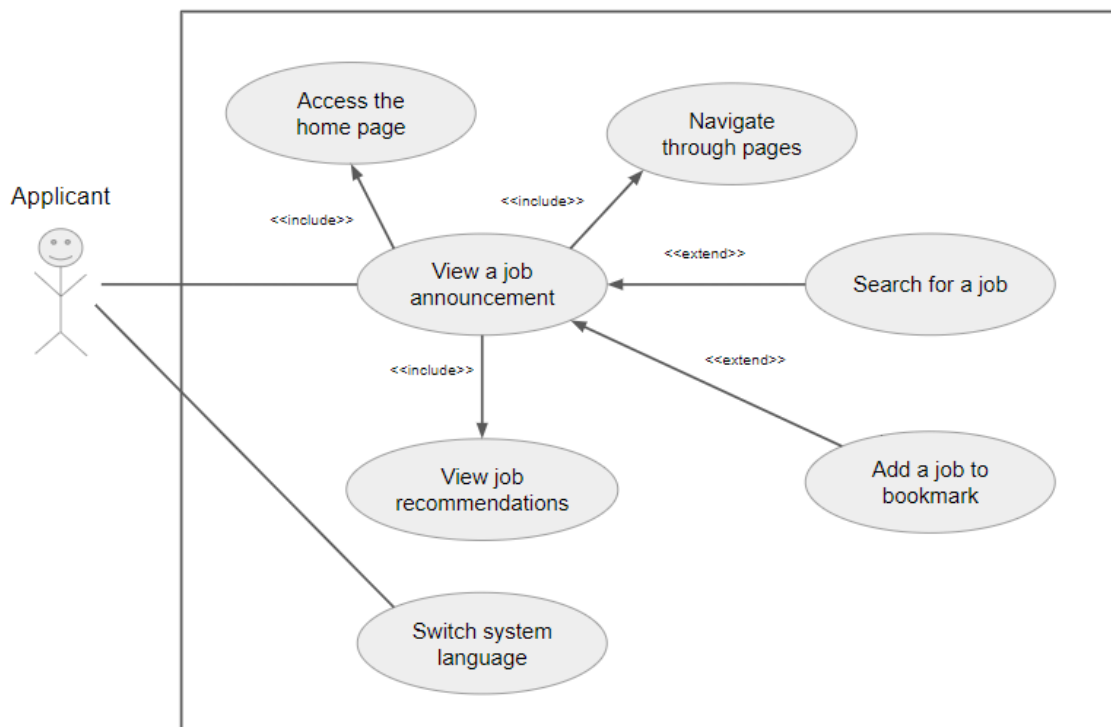
Mahidol University, 2023

Registration

Applicant

Verify Account

<<include>>

Register

Scan
Identity Card

<<extend>>

OCR

<<include>>

Validate Citizen ID

Recruitment unit

API form MOI

Job Announcement

Recruitment unit

Create a job
announcement
post

See pricing
(deposit)
condition

See
announcement
posts

<<extend>>

Applicant

See statistical post
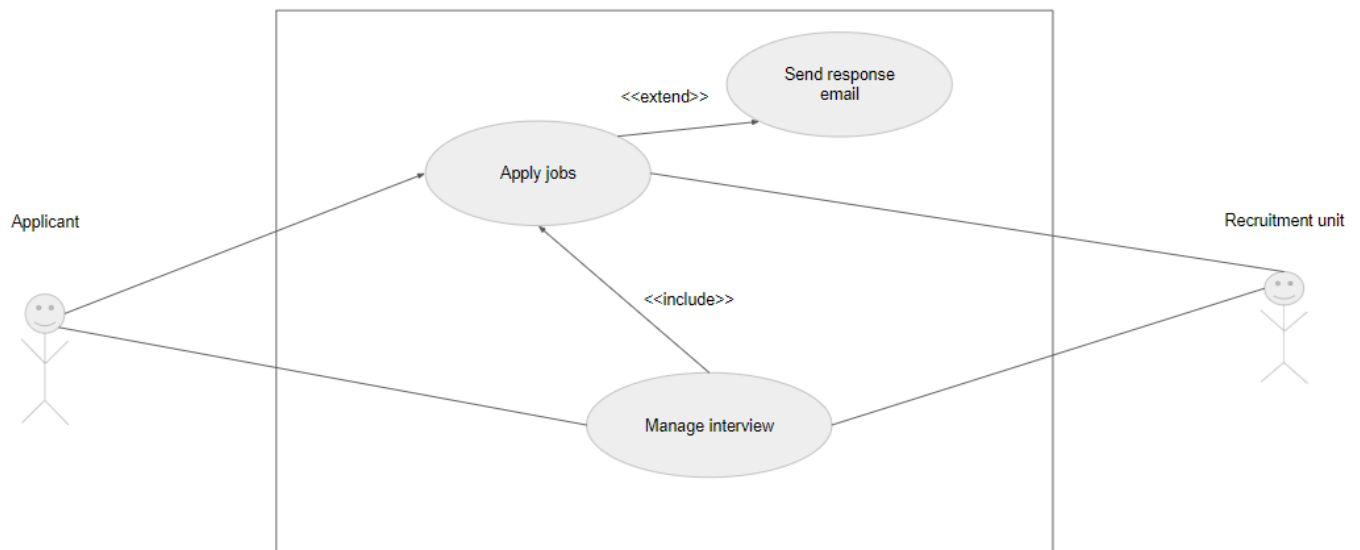information (create
date, time ,# of
views)

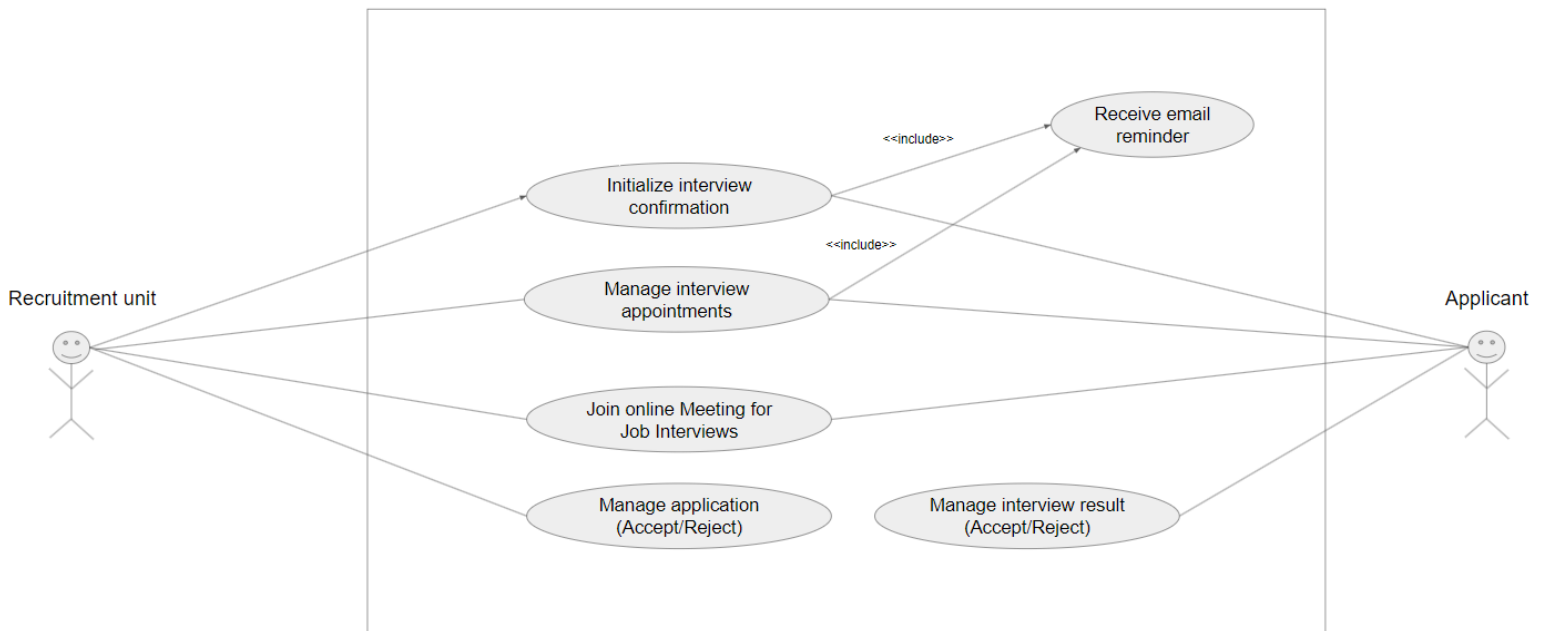**Announcement Post Management**

Job Browsing (homepage, recommendations, and search)

Job Application

Job interview

Payment

Applicant — **2C2P** — **Recruitment unit**

Use cases: Charge the rest of the service fee, Pay via credit card (<<extend>>), Initiate Payment (Pay deposit) (<<extend>>), Refund Processing

Admin

Admin

Use cases: log in to administrative account, Manage content in the system, access to various statistical data and information, back up important data, collect the data and keep in the company's data storage, create a new admin account
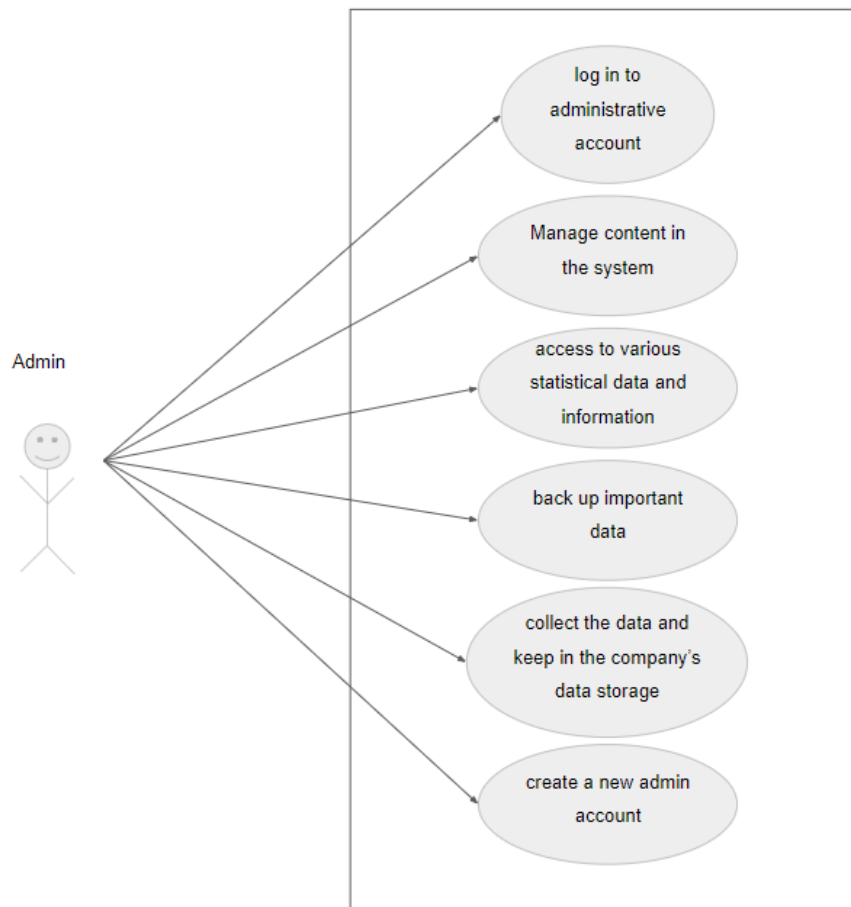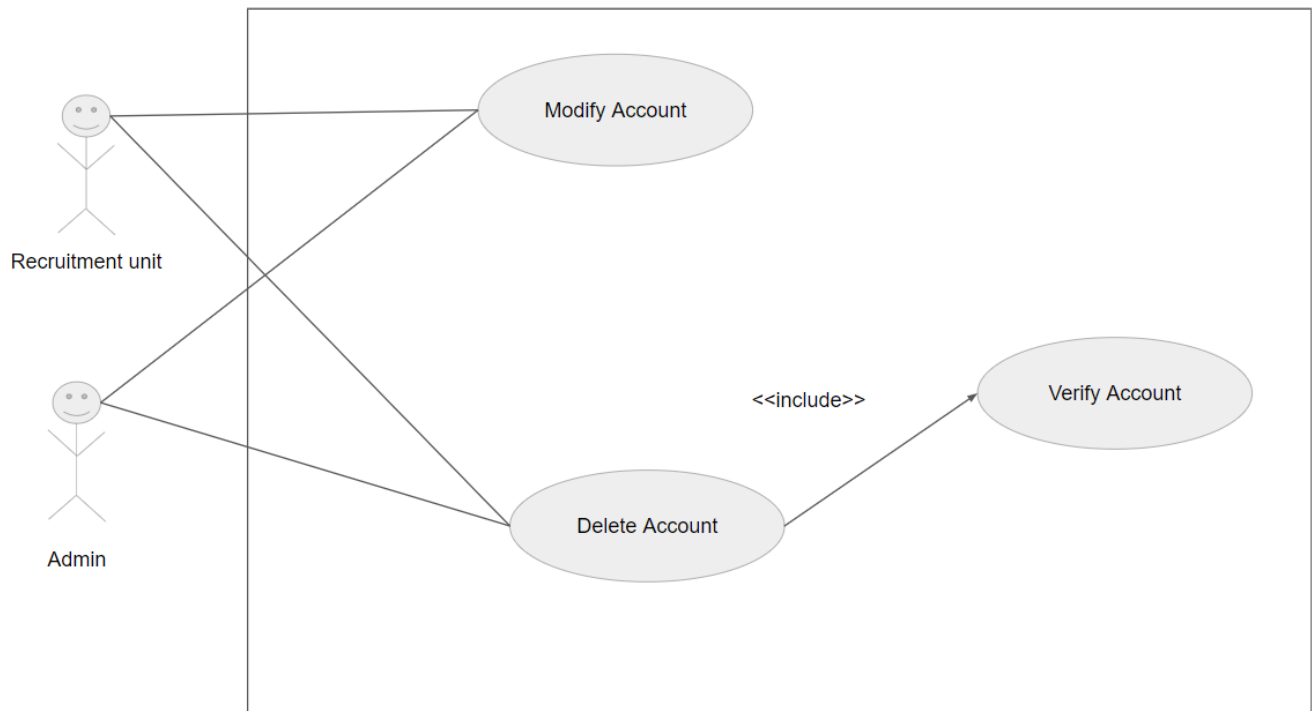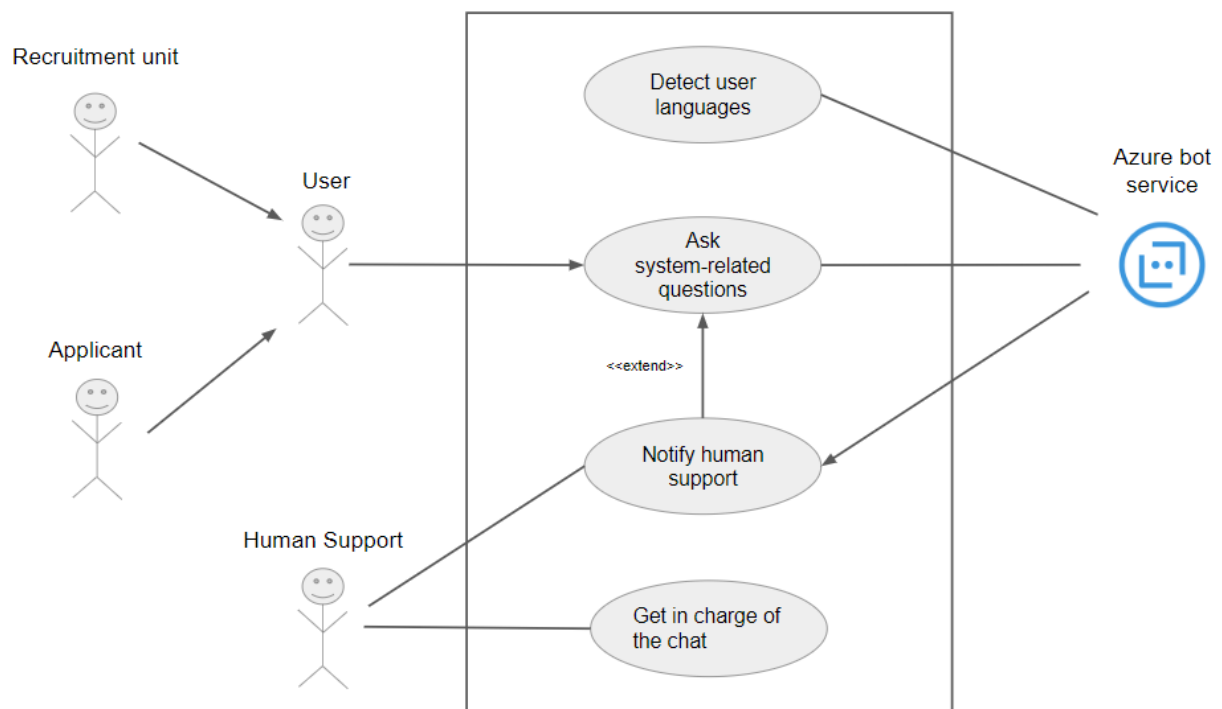
Account Management

ChatBot and Support System

Appendix A

This Appendix contains the list of actors appearing in the use case diagram.

Actor	Description
Applicant	Users who register into the system to use it as a platform to find a job.
Recruitment unit	Users who register into the system to use it as a platform to recruit employees.
Admin	Admins are the main operators of this system. They manage the system to make sure that everything works as usual. They also verify information on the system (announcement posts, user info.) and have the power to suspend any content that violates the system regulations.
Human support	Human staff who work during the day (from 9.00 to 17.00) to handle difficult questions from the users that the chatbot cannot answer.
MOI system API	The external API from the Ministry of Interior (MOI) that the system connects with is used as a tool for Thai citizenship verification during the user registration process.
Microsoft Azure OCR service	The external OCR service deployed by the cloud service Microsoft Azure. The system integrates this service to scan and extract citizen ID card information during the registration process.
2C2P payment API	The external API from 2C2P payment service provider. The payment process of our system uses this API to make payments via card.
Microsoft Azure QnA Chatbot	The external chatbot service deployed by the cloud service Microsoft Azure. The system makes use of this service to help facilitate users' experiences on the website and help ease the work of human support by answering common questions from the users.