Activity Diagram

Use case 1: Supervisors rate trainee’s profile

Firstly, trainee will show her QR code and supervisor can scan that QR code to identify a trainee, if that trainee does not exist, supervisor can report the problem. After identifying correct information about a trainee, supervisor will assign her task and trainee will perform that task. After that, supervisor will base on trainee’s performed task to grade the task whether the performance is good or not. After being rated completely, the rated data will be encrypted by external services which are triggered by the server. Finally, external services will send the encrypted data back to the server to store the results.

Use case 2: Trainees grant access to supervisors.

In order for a trainee to allow her supervisor to access to profile. First of all, trainee will enter the ID of supervisor, if the ID of that supervisor does not exist, trainee will report problem to server, if the ID of that supervisor exists, trainee will set limited time access to supervisor. After setting up limited time access completely, the Permission Table will store **the ID of the supervisor that a trainee is wanting that supervisor to access to trainee’s profile** and **the amount of limited time access for that supervisor to access.**

Use case 3: Supervisors access to trainee’s profile

In order for a supervisor can access to trainee profile. Firstly, supervisor will enter the ID of a trainee. After that, the server will check the ID of a trainee, if the ID does not exist, supervisor will inform for server by reporting that problem, if the ID exists, server will  move to the Permission Table to check the ID of the supervisor who is wanting to access the profile, if the ID of the supervisor exists in the Permission Table which means that that supervisor will be allowed to access to trainee’s profile, the server will decrypt trainee’s profile and send back to supervisor and allow supervisor to access trainee’s profile.

Use case 4: Trainees access to their profiles

In order for a trainee to access her profile, she will make a request including her ID for the server to inform the server to know that she wants to access to her profile. After that, the server will check whether that trainee is the correct trainee who is claimed to be, if not, trainee will report the problem to server about the error of being not the person who claims to be, if yes means that the trainee is the person who is claimed to be, server will trigger external service and decrypt the profile so that trainee can access to her profile.