

**Backup my design.**

**OOP:**

You can use some my available functions or class `VerificationToken` class create token resend password,...

**Microservices, scalability:**

**In Notify mail,** You can use mail server as **SES** Aws and message blocker: **Kafka, SQS,...**

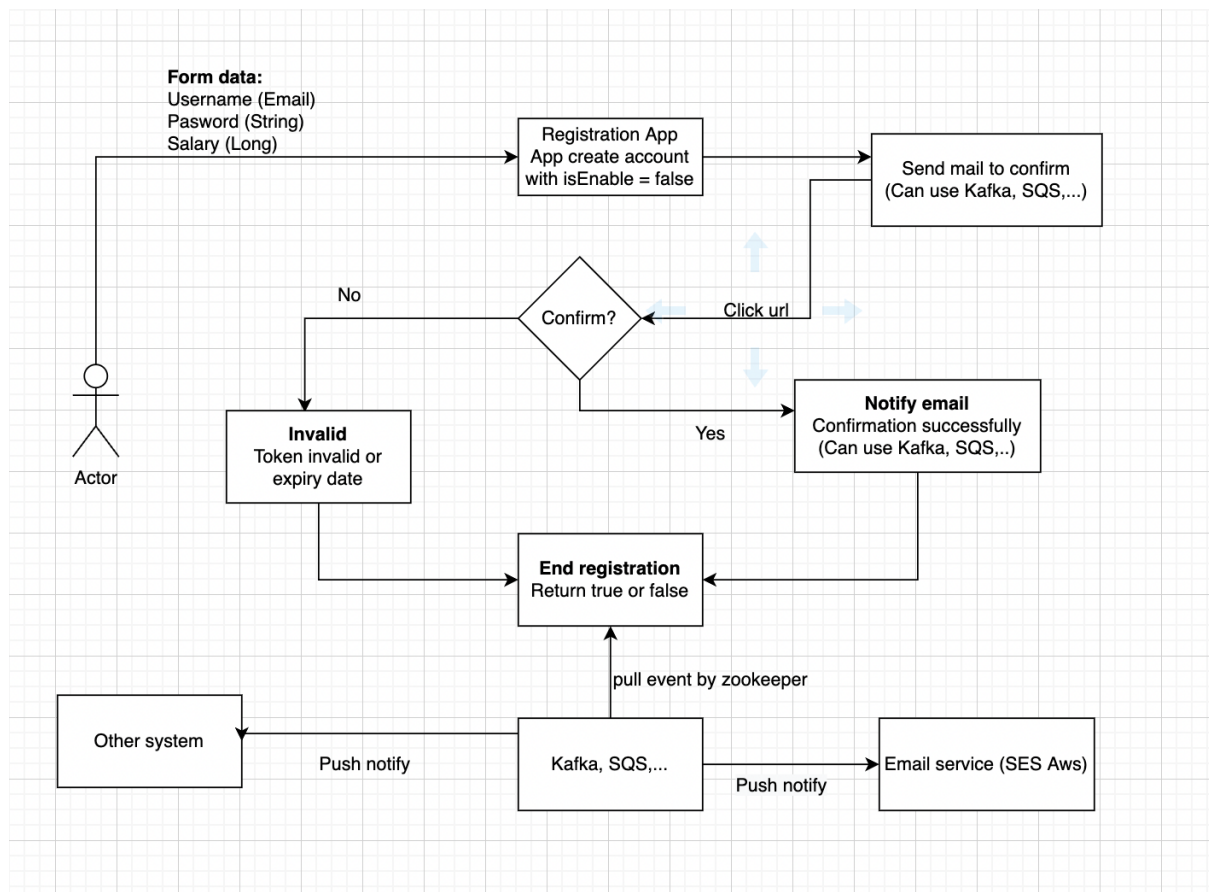
We can scale:

- Send notify in App with SNS Aws
- Send mail with Mail Server SES Aws
- Use captcha to registration
- Can registration Gmail, Facebook, Linked,.. After login we catch user have to input salary

For microservice, You can see diagram below.

You can use return false or true or any information... for other systems.

We can use Kafka, SQS, RabbitMq,...



**Some brief recommendations for the future.**

- You want to send mail with mail server e.g SES,... You can use scale with my SendEmail with async.
- You want reset password. You can use my `VerificationToken` class to create token and verify.
- You security for logic. You should use verify with device with the location user.
- You registration or limit login by AI. You can use captcha.
- You registration or resend password. You can notify in App to user by `ApplicationEvent` class. Or, you can send email by my available class.
- You can update role or permission for this role to limit access of user with page or function. First, you can command to create role and permission default. When login or call API, we can check role and permission.