

올인원 패키지 Online.

실전 프로젝트 I

DB Modelling 2

PART1 | 기본 모델링

Github : <https://github.com/riseryan89/shrinkers>

Commit ID: 43756ef

1. User, Org, PayPlan

```
class PayPlan(models.Model):
    name = models.CharField(max_length=20)
    price = models.IntegerField()
    updated_at = models.DateTimeField(auto_now=True)
    create_at = models.DateTimeField(auto_now_add=True)

class Organization(models.Model):
    class Industries(models.TextChoices):
        PERSONAL = "personal"
        RETAIL = "retail"
        MANUFACTURING = "manufacturing"
        IT = "it"
        OTHERS = "others"
    name = models.CharField(max_length=50)
    industry = models.CharField(max_length=15, choices=Industries.choices, default=Industries.OTHERS)
    pay_plan = models.ForeignKey(PayPlan, on_delete=models.DO_NOTHING, null=True)
    updated_at = models.DateTimeField(auto_now=True)
    create_at = models.DateTimeField(auto_now_add=True)

class Users(AbstractUser):
    full_name = models.CharField(max_length=100, null=True)
    organization = models.ForeignKey(Organization, on_delete=models.DO_NOTHING, null=True)
```

2. Email Verification

```
class EmailVerification(models.Model):
    user = models.ForeignKey(Users, on_delete=models.CASCADE)
    key = models.CharField(max_length=100, null=True)
    verified = models.BooleanField(default=False)
    updated_at = models.DateTimeField(auto_now=True)
    create_at = models.DateTimeField(auto_now_add=True)

class Categories(models.Model):
    name = models.CharField(max_length=100)
    organization = models.ForeignKey(Organization, on_delete=models.DO_NOTHING, null=True)
    creator = models.ForeignKey(Users, on_delete=models.CASCADE)
    updated_at = models.DateTimeField(auto_now=True)
    created_at = models.DateTimeField(auto_now_add=True)
```

3. Email Verification

```
class ShortenedUrls(models.Model):
    class UrlCreatedVia(models.TextChoices):
        WEBSITE = "web"
        TELEGRAM = "telegram"

    def rand_string():
        str_pool = string.digits + string.ascii_letters
        return "".join([random.choice(str_pool) for _ in range(6)]).lower()

    nick_name = models.CharField(max_length=100)
    category = models.ForeignKey(Categories, on_delete=models.DO_NOTHING, null=True)
    prefix = models.CharField(max_length=50)
    creator = models.ForeignKey(Users, on_delete=models.CASCADE)
    target_url = models.CharField(max_length=2000)
    shortened_url = models.CharField(max_length=6, default=rand_string)
    create_via = models.CharField(max_length=8, choices=UrlCreatedVia.choices, default=UrlCreatedVia.WEBSITE)
    expired_at = models.DateTimeField(null=True)
    updated_at = models.DateTimeField(auto_now=True)
    created_at = models.DateTimeField(auto_now_add=True)
```