

```
from django.db import models
from django.utils import timezone
```

```
class Member(models.Model):
    fname = models.CharField(max_length=30)
    lname = models.CharField(max_length=30)
    email = models.CharField(max_length=40)
    address = models.CharField(max_length=50)
    homephone = models.CharField(max_length=20)
    acreage = models.PositiveIntegerField()
    client_id = models.IntegerField()
    date_added = models.DateTimeField(default=timezone.now)

    def __str__(self):
        return '#{ } {}, {}'.format(self.client_id, self.lname,
self.fname)
```

```
class Encrypted_Client(models.Model):
    fname = models.BinaryField()
    lname = models.BinaryField()
    email = models.BinaryField()
    address = models.BinaryField()
    homephone = models.BinaryField()
    acreage = models.BinaryField()
```

```
date_added = models.DateTimeField(default=timezone.now)
```

```
def __str__(self):
```

```
    return 'encrypted: {}'.format(self.date_added)
```

```
class Job(models.Model):
```

```
    types = (
```

```
        ('Mow', 'Mow Lawn'),
```

```
        ('Fertilize', 'Spread fertilizer'),
```

```
        ('Seed', 'Plant grass seed'),
```

```
        ('Brush', 'Clear brush'),
```

```
        ('Other', 'Other')
```

```
    )
```

```
    client = models.ForeignKey(Member, default=10,  
on_delete=models.CASCADE)
```

```
    day = models.DateField(default=timezone.now)
```

```
    time = models.TimeField(default=timezone.now)
```

```
    jtype = models.CharField(max_length=10, choices=types,  
default='Mow')
```

```
    start = models.CharField(max_length=50)
```

```
    hours = models.IntegerField()
```

```
    minutes = models.IntegerField()
```

```
    description = models.CharField(max_length=300)
```

```
    job_id = models.IntegerField()
```

```
def __str__(self):  
    return '<{}>'.format(self.jtype)
```

```
class Encrypted_Job(models.Model):
```

```
    types = (  
        ('Mow', 'Mow Lawn'),  
        ('Fertilize', 'Spread fertilizer'),  
        ('Seed', 'Plant grass seed'),  
        ('Brush', 'Clear brush'),  
        ('Other', 'Other')  
    )
```

```
    client = models.ForeignKey(Encrypted_Client, default=10,  
on_delete=models.CASCADE)
```

```
    day = models.BinaryField()
```

```
    time = models.BinaryField()
```

```
    jtype = models.BinaryField()
```

```
    start = models.BinaryField()
```

```
    hours = models.BinaryField()
```

```
    minutes = models.BinaryField()
```

```
    description = models.BinaryField()
```

```
    date_added = models.DateTimeField(default=timezone.now)
```

```
def __str__(self):  
    return '<encrypted>'
```

```
class HomeAddress(models.Model):

    address = models.CharField(max_length=50)
    def __str__(self):
        return '<{}>'.format(self.address)
```