

Database Model Design

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Models.py

Project Name: Sanitization Management System

User Registration

```
class user_details(models.Model):  
    user_id = models.IntegerField()  
    fname = models.CharField(max_length=100)  
    lname = models.CharField(max_length=200)  
    gender = models.CharField(max_length=25)  
    age = models.IntegerField()  
    addr = models.CharField(max_length=500)  
    pin = models.IntegerField()  
    contact = models.IntegerField()  
    email = models.CharField(max_length=25)  
  
    def __str__(self):  
        return self.fname
```

User Login

```
class user_login(models.Model):  
    uname = models.CharField(max_length=100)  
    passwd = models.CharField(max_length=25)  
  
    def __str__(self):  
        return self.uname
```

Tracking

```
class Tracking(models.Model):  
    request = models.ForeignKey(Requests, on_delete=models.CASCADE)  
    Remark = models.CharField(max_length=350, null=True)  
    Status = models.CharField(max_length=100, null=True)
```

```
UpdationDate = models.DateTimeField(auto_now_add=True)
```

Services

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

```
    ServiceName = models.CharField(max_length=250, null=True)
```

```
    Price = models.CharField(max_length=200, null=True)
```

```
    Image = models.FileField(max_length=150, null=True)
```

```
    ServiceDetail = models.CharField(max_length=350, null=True)
```

```
    CreationDate = models.DateTimeField(auto_now_add=True)
```

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

```
        return self.ServiceName
```

Requests

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

```
    RequestID = models.CharField(max_length=50, null=True)
```

```
    user = models.ForeignKey(User, on_delete=models.CASCADE)
```

```
    service = models.ForeignKey(Services, on_delete=models.CASCADE)
```

```
    DateofSanitization = models.DateField(null=True)
```

```
    TimeofSanitization = models.TimeField(null=True)
```

```
    Address = models.CharField(max_length=250, null=True)
```

```
    MobileNumber = models.CharField(max_length=15, null=True)
```

```
    State = models.CharField(max_length=150, null=True)
```

```
    City = models.CharField(max_length=150, null=True)
```

```
    Message = models.CharField(max_length=350, null=True)
```

```
    RequestDate = models.DateTimeField(auto_now_add=True)
```

```
    Remark = models.CharField(max_length=250, null=True)
```

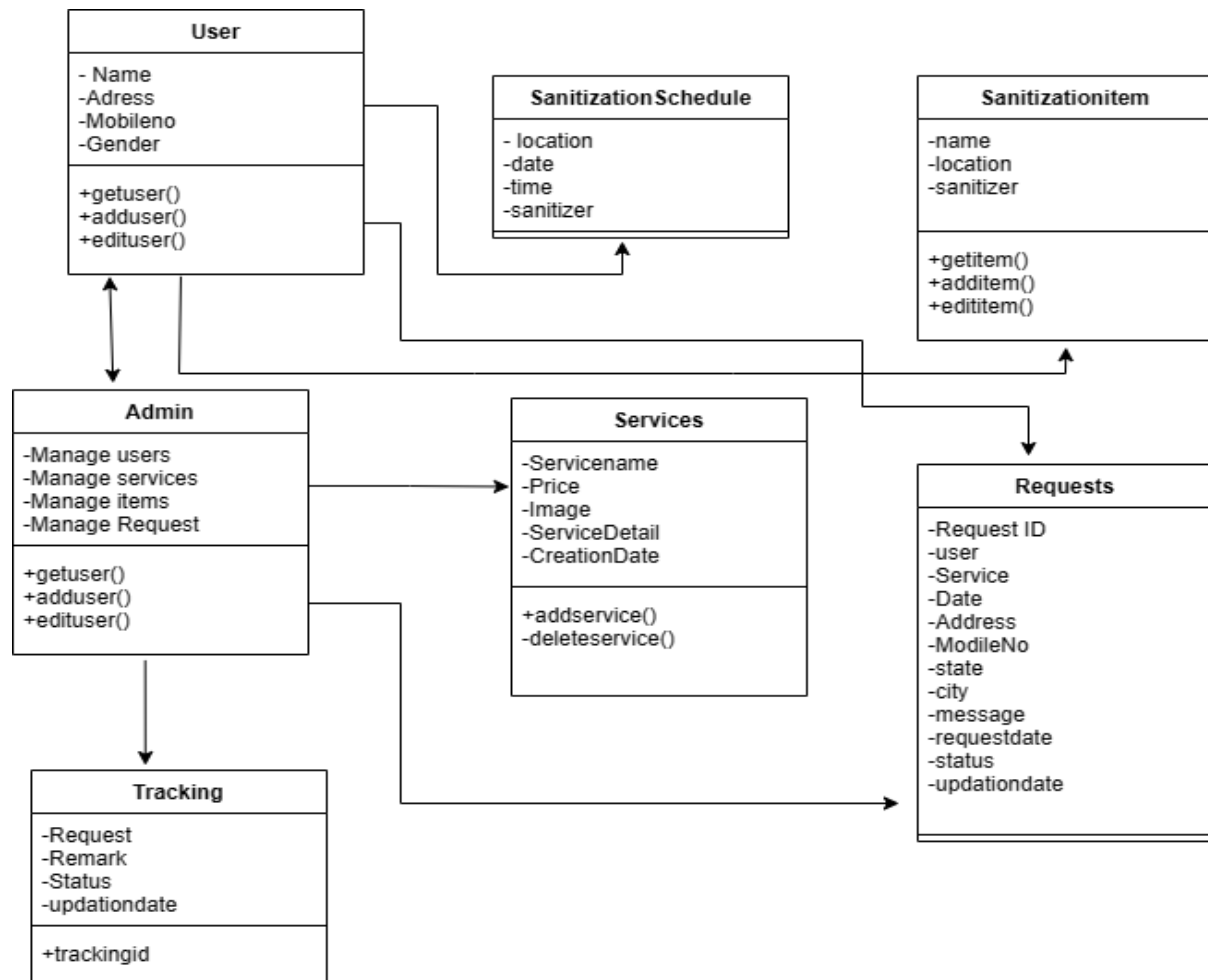
```
    Status = models.CharField(max_length=100, null=True)
```

```
    UpdationDate = models.DateField(null=True)
```

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

```
        return self.user.first_name
```

Class Diagram



Admin Interface:

