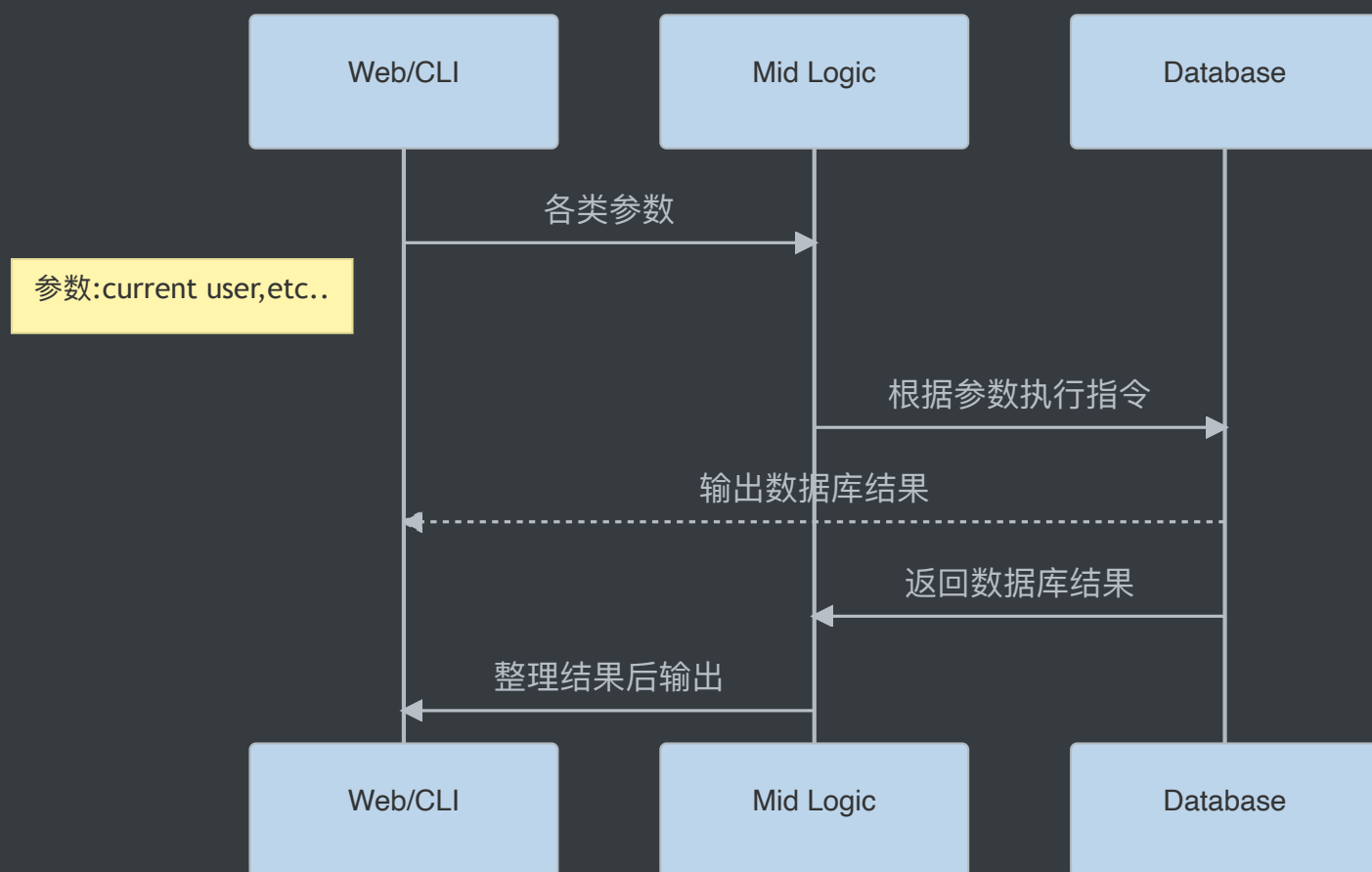


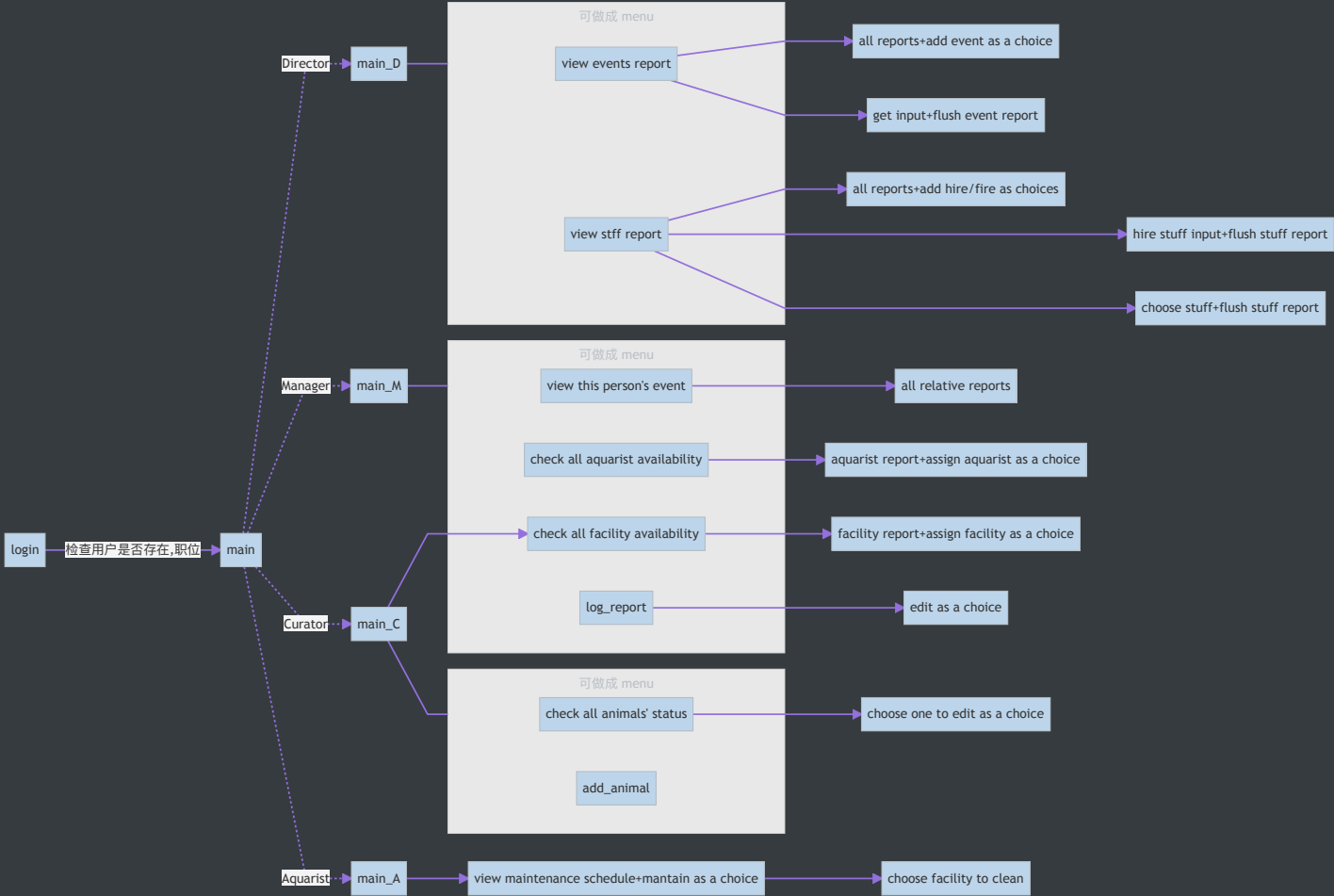
API Doc

Project Doc

总览



Logic



四大操作 增删改查

Director menu

增	删	改	查
Create new event	Fire staff	-	View events report
Hire staff	-	-	view staff report

Event Manager menu

增	删	改	查
-	-	Assign aquarist to event	View your events
-	-	Assign facility to event	check aquarist availability
-	-	Log event attendance	check facility availability

Curator menu function

增	删	改	查
Add new animal	-	feed your animals	Check on your animals
-	-	-	check facility availability

Aquarist menu

增	删	改	查
-	-	Maintain facility	View maintenance schedule

数据库连接

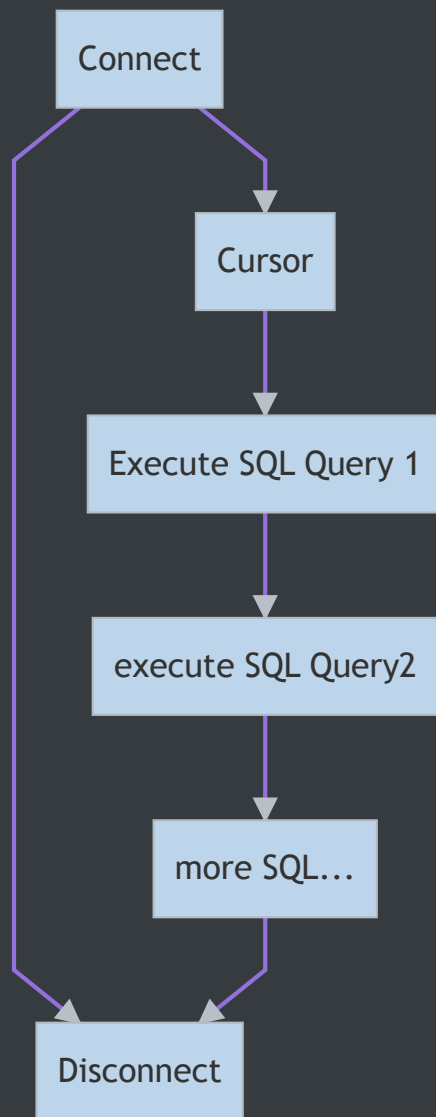
驱动:

mysqlclien

Storage Engine:

InnoDB

基本流程:



pseudo code:

Django Setting:

```
1  """
2  Database Conf
3  """
4  # settings.py
5  DATABASES = {
6      'default': {
```

```

7         'ENGINE': 'django.db.backends.mysql',
8         'OPTIONS': {
9             'read_default_file': '/path/to/my.cnf',
10        },
11    }
12 }
13
14
15 # my.cnf
16 [client]
17 database = NAME
18 user = USER
19 password = PASSWORD
20 default-character-set = utf8

```

Function Example:

```

1  from django.db import connection
2  """
3  连接数据库后
4  """
5  def my_custom_sql(self):
6      with connection.cursor() as cursor:
7          # with 关键词将在 该 func 运行完之后自动解除
8          # 即 connect-> 执行语句->disconnect
9          cursor.execute("UPDATE bar SET foo = 1 WHERE baz = %s",
10 [self.baz])
11          cursor.execute("SELECT foo FROM bar WHERE baz = %s", [self.baz])
12          row = cursor.fetchone()
13          # fetchone 抓取一条执行后的返回值
14          return row

```

API

select

Function name	input(format)	Output(format)
login_account	Username, password(string,string)	has any suitable value(T/F)

- login_account

根据已有用户名/密码查找是否存在该用户

明文密码哈希转换后和数据库中比对

insert

Function name	input(format)	Output(format)
new_event	???	query seceeed? (T/F)
		query seceeed? (T/F)
		query seceeed? (T/F)
		query seceeed? (T/F)

- new_event