



```
class Account
{String username;
String password;
String name;
Address address;
AccountType accountType;
1 -- * Address;
}
```

```
class Aministrator
{
isA Account;
}
```

```
class Client
{
isA Account;
ArrayList<CuisineTypes> preferences;
Card cardInfo;
ArrayList<Meal> favMeals;
HashMap<Meal, Integer> ratings;
}
```

```
class Cook
{
isA Account;
ArrayList<String> complaintsAgainst;
ArrayList<Meal> menu;
HashMap<Meal, Integer> ratings;
```

```
ArrayList<CuisineTypes> cuisine;
```

```
* -- 1 CuisineType;
```

```
1 -- * Meal;
```

```
}
```

```
class CuisineType{
```

```
}
```

```
class Card {
```

```
String cardOnName;
```

```
String cardNum;
```

```
String securityCode;
```

```
1 -- 1 Client;
```

```
}
```

```
class Address {
```

```
String street;
```

```
String city;
```

```
String country;
```

```
String postalCode;
```

```
}
```

```
class Meal {
```

```
ArrayList<CuisineTypes> types;
```

```
String name;
```

```
double price;
```

```
}
```