

Expert.groovy

```
package investmvc
```

```
class Expert {  
  
    String name  
    int quote  
  
    static constraints = {  
    }  
}
```

User.groovy

```
1. package investmvc.security  
2.  
3. class User {  
4.     transient springSecurityService  
5.  
6.     String username  
7.     String password  
8.     boolean enabled = true  
9.     boolean accountExpired  
10.    boolean accountLocked  
11.    boolean passwordExpired  
12.    static transients = ['springSecurityService']  
13.  
14.    static constraints = {  
15.        username blank: false, unique: true  
16.        password blank: false  
17.    }  
18.    static mapping = {  
19.        password column: '`password`'  
20.    }  
21.
```

```
22.     Set<Role> getAuthorities() {
23.         UserRole.findAllByUser(this).collect { it.role }
24.     }
25.     def beforeInsert() {
26.         encodePassword()
27.     }
28.
29.     def beforeUpdate() {
30.         if (isDirty('password')) {
31.             encodePassword()
32.         }
33.     }
34.
35.     protected void encodePassword() {
36.         password = springSecurityService?.passwordEncoder ?
springSecurityService.encodePassword(password) : password
37.     }
38. }
```