2 controller

1

filters

8

jsp
jsp
jsp

Action
Action
Action

helper
helper

3

4

façade

use case
use case
use case
use case

5

6

DAO service

7

Authentication service

Mail service

...

...

database

LDAP

View layer

Business layer

Service layer

Data layer

Module

- An application is sub-divised in few « functional » modules.

- One module represents a fully-functional sub-application. It regroups, in an homogeneic way, some use cases.

Module Information lifecycle

1.User request pass throw servlet filters

2.controller populate ActionForm

3.controller forward to the right action, the ActionForm

4.action call **one** facade method

5.facade calls the corresponding « Business case »

6.the « business case » execute the business logic,
 with **multiple** calls to the service layer

7.the service layer calls, if necessary, the data layer

8.when the information returns to the action, it returns the call to the controller, which forward it to the right jsp to generate content.this content pass through again servlet filters.