J2EE大作业文档

1. 数据库设计
2. ER图
3. 数据库表

user

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | int(11) | no |  |
| mail | varchar(50) | no |  |
| password | varchar(50) | no |  |

userinfo

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | int(11) | no |  |
| name | varchar(50) | no |  |
| memberState | varchar(10) | no | VALID |
| sex | varchar(10) | no |  |
| phonenum | varchar(20) | no |  |
| registdate | timestamp | no | CURRENT\_TIMESTAMP |

member

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | int(11) | no |  |
| point | int(11) | no | 0 |
| level | int(11) | no | 1 |
| accumulate | int(11) | no | 0 |
| coupon | int(11) | no | 0 |

school

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | varchar(10) | no |  |
| name | varchar(50) | no |  |
| password | varchar(50) | no |  |
| mail | varchar(50) | no |  |
| registdate | timestamp | no | CURRENT\_TIMESTAMP |
| address | varchar(255) | no |  |

teacher

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | int(11) | no |  |
| name | varchar(20) | no |  |
| schoolid | varchar(10) | no |  |
| description | varchar(255) | no |  |

registerapproval

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | varchar(10) | no |  |
| name | varchar(50) | no |  |
| password | varchar(50) | no |  |
| mail | varchar(50) | no |  |
| registdate | timestamp | no | CURRENT\_TIMESTAMP |
| address | varchar(255) | no |  |

changeapproval

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | varchar(10) | no |  |
| name | varchar(50) | no |  |
| password | varchar(50) | no |  |
| mail | varchar(50) | no |  |
| registdate | timestamp | no | CURRENT\_TIMESTAMP |
| address | varchar(255) | no |  |

class

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | int(11) | no |  |
| name | varchar(50) | no |  |
| schoolid | varchar(10) | no |  |
| timeaweek | varchar(10) | no |  |
| week | int(11) | no |  |
| classnum | int(11) | no |  |
| studentaclass | int(11) | no |  |
| price | double | no |  |
| teacherid | int(11) | no |  |
| daytime | varchar(50) | no |  |
| registdate | timestamp | no | CURRENT\_TIMESTAMP |
| begindate | timestamp | no | CURRENT\_TIMESTAMP |
| description | varchar(255) | no |  |

trainingorder

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | int(11) | no |  |
| userid | int(11) | no |  |
| schoolid | varchar(10) | no |  |
| teacherid | int(11) | no |  |
| classid | int(11) | no |  |
| price | double | no |  |
| peoplenum | int(11) | no |  |
| totalprice | double | no |  |
| createtime | timestamp | no | CURRENT\_TIMESTAMP |
| topaytime | timestamp | no | CURRENT\_TIMESTAMP |
| classbegintime | timestamp | no | CURRENT\_TIMESTAMP |
| bankaccount | varchar(20) | no |  |
| usecoupon | int(11) | no |  |
| orderstate | varchar(10) | no | TOPAY |
| chooseclass | int(11) | no |  |
| firstclass | int(11) | no |  |
| secondclass | int(11) | no |  |
| thirdclass | int(11) | no |  |

allocateclass

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | int(11) | no |  |
| classid | int(11) | no |  |
| classname | varchar(50) | no |  |
| userid | int(11) | no |  |
| username | varchar(50) | no |  |
| classnum | int(11) | no |  |
| classbegintime | timestamp | no | CURRENT\_TIMESTAMP |
| week | int(11) | no |  |
| classstate | int(11) | no |  |
| score | int(11) | no |  |

bank

|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| account (primary) | varchar(20) | no |  |
| password | varchar(20) | no |  |
| balance | double | no |  |

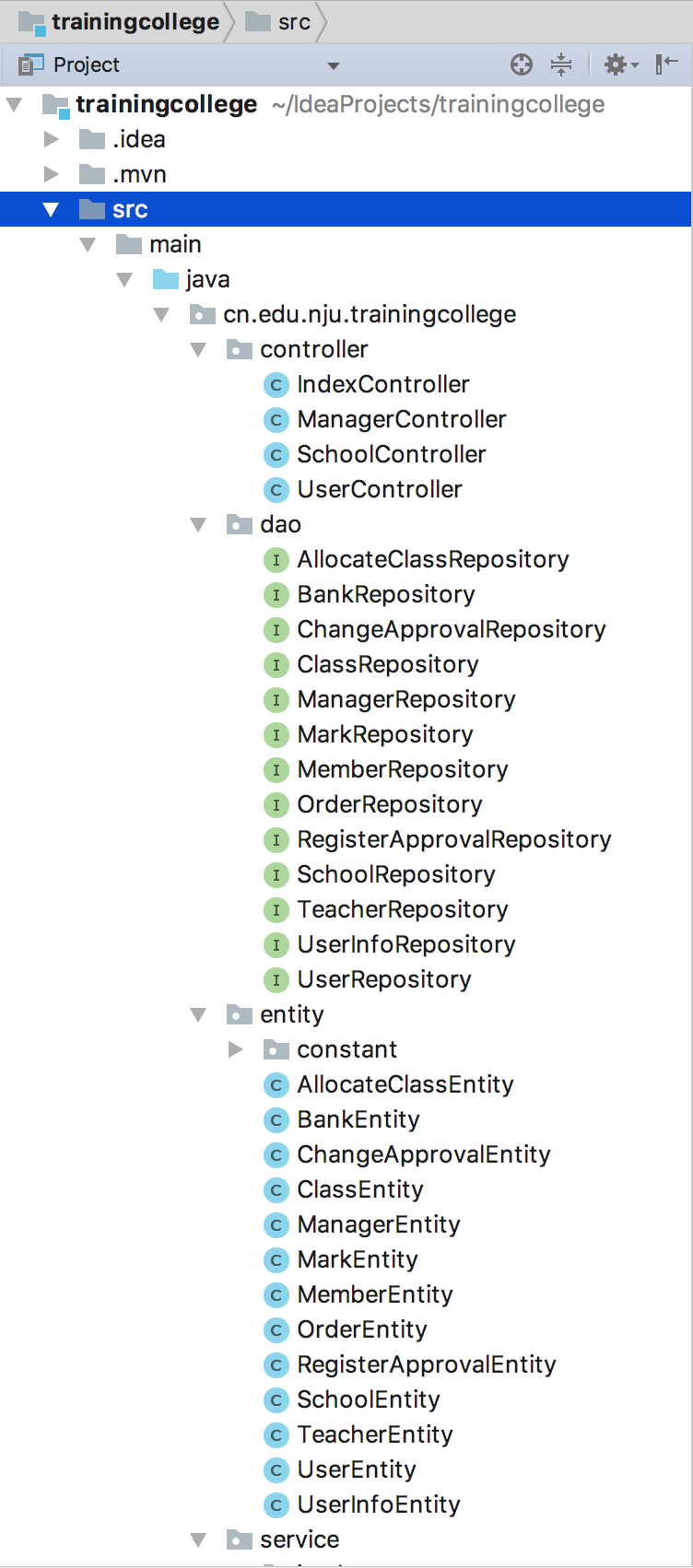
manager

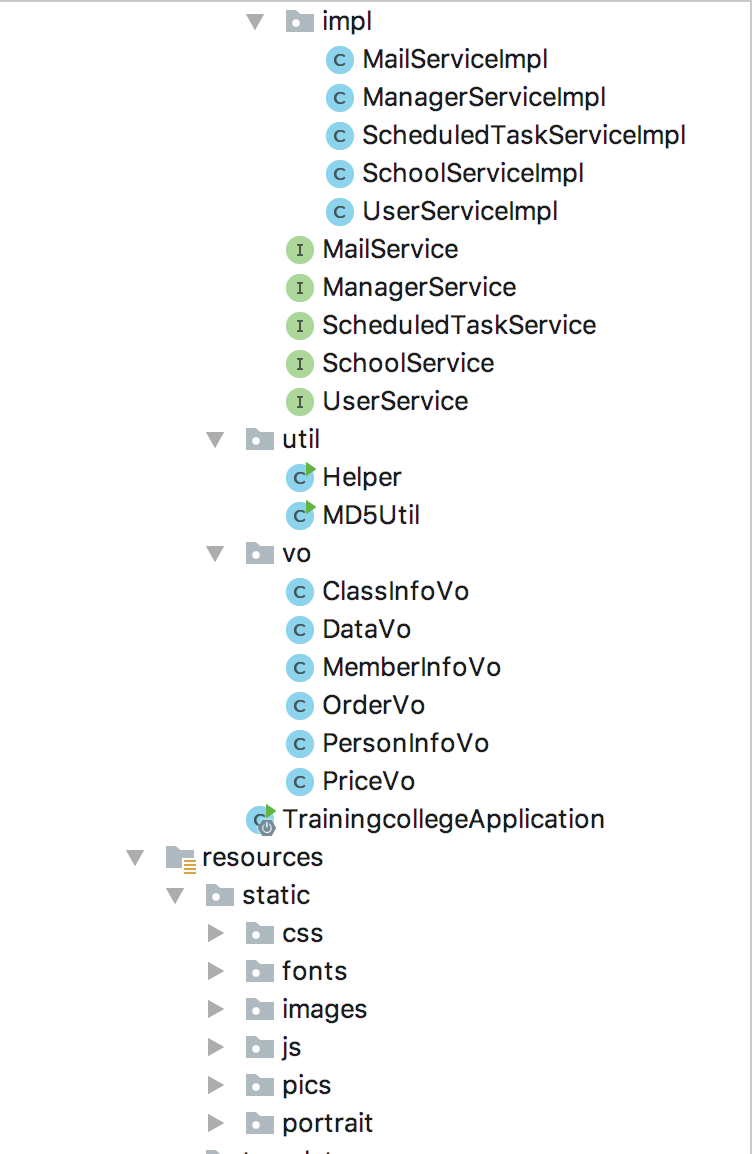
|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| name (primary) | varchar(50) | no |  |
| password | varchar(50) | no |  |

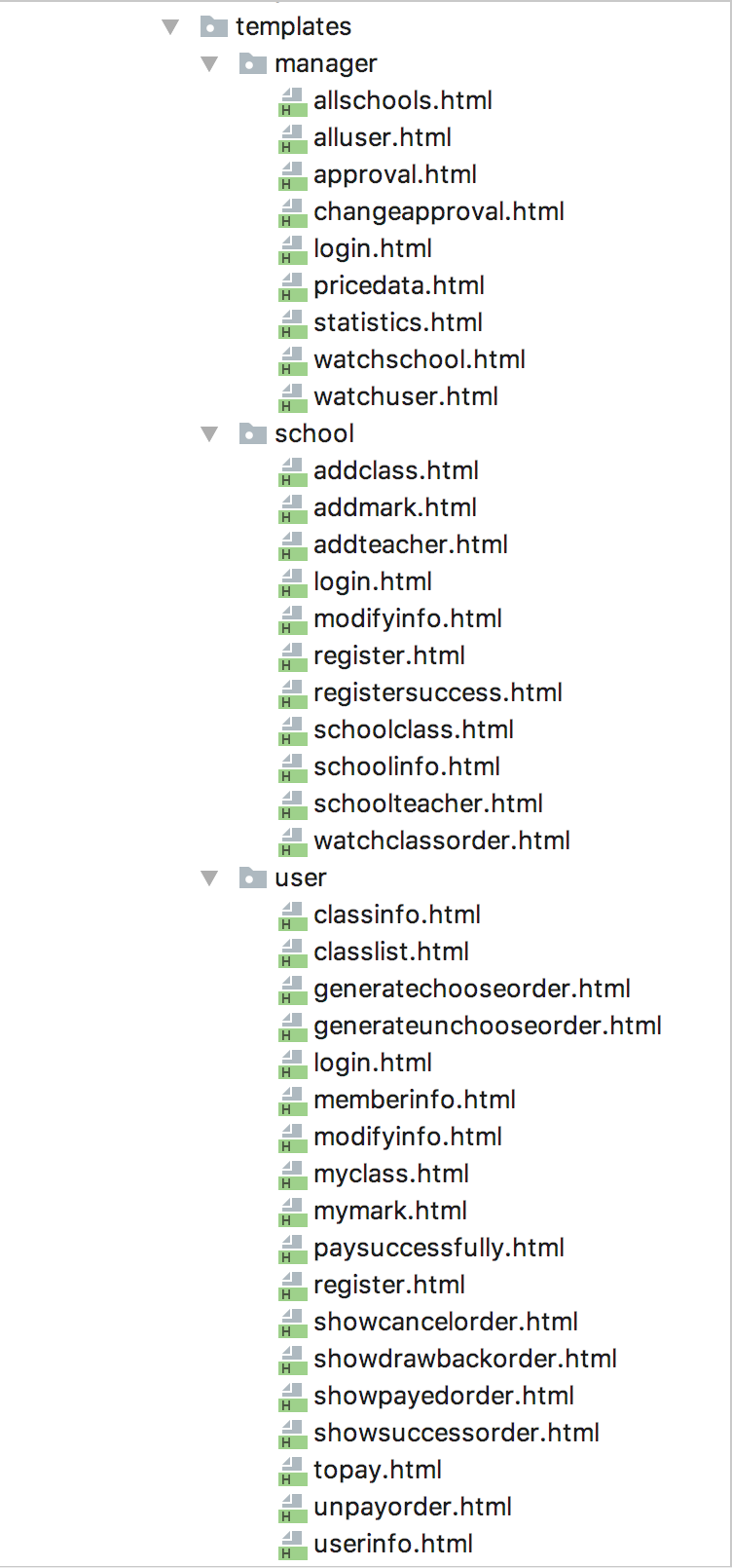
mark

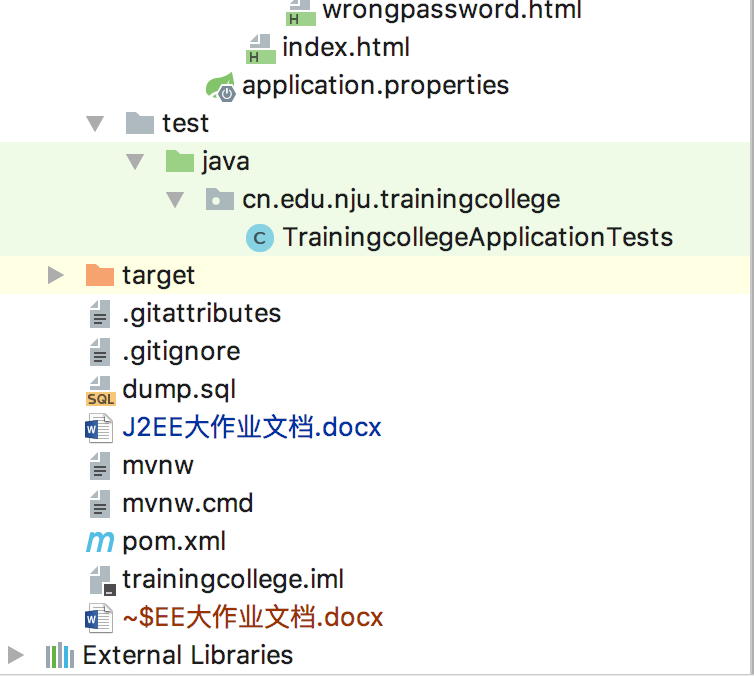
|  |  |  |  |
| --- | --- | --- | --- |
| Column | Type | Null | Default |
| id (primary) | int(11) | no |  |
| userid | int(11) | no |  |
| classid | int(11) | no |  |
| classname | varchar(50) | no |  |
| registdate | timestamp | no | CURRENT\_TIMESTAMP |
| score | int(11) | no |  |

1. 架构设计
2. 工程的项目结构截图









1. TrainingCollege项目选择了 MVC 结构的风格，将系统分为 3 个部分 (View、Model、 Controller)能够很好的示意整个高层抽象，并与 Spring 框架高度兼容，使用了SpringDataJPA、Springboot等框架开发。
2. 前段界面使用了BootStrap、JQuery、Thymeleaf框架。
3. 类设计

包名：controller，负责处理前端的 HTTP 请求。

|  |  |
| --- | --- |
| Class | 职责 |
|  |  |
|  |  |
|  |  |
|  |  |