Design Report

1. SpringMVC,Spring-Data-Jpa,Mysql,Spring Cache
2. Nginx rate limiting：Please view nginx.conf
3. API Design and Implementation

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| --- | --- | --- |
| router | method | function |
| /trainer/list | Get | Get all trainer info |
| /trainer/show/{id} | Get | Get a trainer info |
| /trainer/add | Post | Save a trainer info |
| /trainer/update/{id} | Put | Update a trainer info |
| /trainer/delete/{id} | Delete | Delete a trainer info |

1. Swagger Online API Document
2. Oauth2 Authetication
3. Http Cache
   1. Use Http cache the all trainers info of a trainer info

//http缓存

CacheControl cacheControl = CacheControl.maxAge(30, TimeUnit.MINUTES);

return ResponseEntity.ok().cacheControl(cacheControl)

.body(Trainerlist);