测试与缺陷报告

软件协同设计 第五组

## 测试工具

我们使用的是Junit + EasyMock测试工具进行接口测试，在Maven中进行集成，可以通过mvn test命令进行自动化测试，生成测试报告。

在前后端对接和排错过程中，还使用了PostMan进行人工的接口测试，方便前端对接。

## 测试报告

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 序号 | 日期 | 测试接口数量 | 测试通过数量 | 测试不通过数量 | 测试报告 |
| 1 | 2020/07/28 | 3 | 0 | 3 | TestLog0728.md |
| 2 | 2020/08/13 | 4 | 0 | 4 | TestLog0813.md |
| 3 | 2020/08/22 | 3 | 0 | 3 | TestLog0822.md |
| 4 | 2020/08/25 | 10 | 3 | 7 | TestLog0825.md |
| 5 | 2020/09/7 | 12 | 12 | 0 | TestLog0907.md |

测试报告TestLog0907.md如下

[WARNING]

[WARNING] Some problems were encountered while building the effective settings

[WARNING] expected START\_TAG or END\_TAG not TEXT (position: TEXT seen ...</mirrorOf>\ua0\n <u... @170:11) @ /Users/mac/Java/Maven/conf/settings.xml, line 170, column 11

[WARNING]

[INFO] Scanning for projects...

[INFO]

[INFO] ----------------------< com.course:courseDesign >-----------------------

[INFO] Building courseDesign Maven Webapp 1.0-SNAPSHOT

[INFO] --------------------------------[ war ]---------------------------------

[INFO]

[INFO] --- maven-resources-plugin:3.0.2:resources (default-resources) @ courseDesign ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] Copying 1 resource

[INFO]

[INFO] --- maven-compiler-plugin:3.8.0:compile (default-compile) @ courseDesign ---

[INFO] Nothing to compile - all classes are up to date

[INFO]

[INFO] --- maven-resources-plugin:3.0.2:testResources (default-testResources) @ courseDesign ---

[INFO] Using 'UTF-8' encoding to copy filtered resources.

[INFO] skip non existing resourceDirectory /Users/mac/Applications/Github/CourseDesign/code/src/test/resources

[INFO]

[INFO] --- maven-compiler-plugin:3.8.0:testCompile (default-testCompile) @ courseDesign ---

[INFO] Nothing to compile - all classes are up to date

[INFO]

[INFO] --- maven-surefire-plugin:3.0.0-M5:test (default-test) @ courseDesign ---

[INFO]

[INFO] -------------------------------------------------------

[INFO] T E S T S

[INFO] -------------------------------------------------------

[INFO] Running sources.TestFindEnrollmentResultById

TestFindEnrollmentResultById Input: {"studentid":"1"}

TestFindEnrollmentResultById Output: {"studentId":1,"universityName":"上海理工大学","universityId":1,"classId":5,"year":"2020","studentName":"王一","className":"经济与贸易类","id":1,"type":"统招","isApproved":1}

TestFindEnrollmentResultById Input: {"studentid":"0"}

TestFindEnrollmentResultById Output: {"StatusCode":"402"}

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 2.368 s - in sources.TestFindEnrollmentResultById

[INFO] Running sources.TestFindEnrolledStudent

TestFindEnrolledStudent Input: {"universityId":"1", "type":"统招"}

TestFindEnrolledStudent Output: [{"majors":[{"nclass":"经济与贸易类","classId":5,"regionId":5,"kind":1,"batch":1,"nmajor":"国际经济与贸易、金融学、税收学、管理科学"}],"gender":"男","regionId":5,"name":"王一","rank":200,"testId":19875426874625,"id":1,"totalScore":698},{"majors":[{"nclass":"经济与贸易类","classId":5,"regionId":6,"kind":1,"batch":1,"nmajor":"国际经济与贸易、金融学、税收学、管理科学"}],"gender":"男","regionId":6,"name":"王琦","rank":8000,"testId":19856423581658,"id":7,"totalScore":542},{"majors":[{"nclass":"机械类","classId":1,"regionId":1,"kind":1,"batch":1,"nmajor":"能源与动力工程、新能源科学与工程、车辆工程、工业设计、土木工程"}],"gender":"女","regionId":1,"name":"王二","rank":3000,"testId":12345824562584,"id":2,"totalScore":650}]

TestFindEnrolledStudent Input: {"universityId":"0", "type":"统招"}

TestFindEnrolledStudent Output: {"StatusCode":"403"}

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.319 s - in sources.TestFindEnrolledStudent

[INFO] Running sources.TestApprovePlan

TestApprovePlan Input: {"planIdArray":"[1, 2]"}

TestApprovePlan Output: {"StatusCode":"200"}

TestApprovePlan Input: {"planIdArray":"[100, 200]"}

TestApprovePlan Output: {"StatusCode":"403"}

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.185 s - in sources.TestApprovePlan

[INFO] Running sources.TestRejectEnrolledStudent

TestRejectEnrolledStudent Input: {studentId:[1, 7]}

TestRejectEnrolledStudent Output: {"StatusCode":"200"}

TestRejectEnrolledStudent Input: {studentId:[100, 200]}

TestRejectEnrolledStudent Output: {"StatusCode":"403"}

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.188 s - in sources.TestRejectEnrolledStudent

[INFO] Running sources.TestFindApprovedStudent

TestFindEnrolledStudent Input: {"universityId":"1"}

TestFindEnrolledStudent Output: [{"majors":[{"nclass":"经济与贸易类","classId":5,"regionId":5,"kind":1,"batch":1,"nmajor":"国际经济与贸易、金融学、税收学、管理科学"}],"approvedMajorName":"经济与贸易类","gender":"男","regionId":5,"name":"王一","rank":200,"testId":19875426874625,"id":1,"approvedType":"统招","totalScore":698},{"majors":[{"nclass":"经济与贸易类","classId":5,"regionId":6,"kind":1,"batch":1,"nmajor":"国际经济与贸易、金融学、税收学、管理科学"}],"approvedMajorName":"经济与贸易类","gender":"男","regionId":6,"name":"王琦","rank":8000,"testId":19856423581658,"id":7,"approvedType":"统招","totalScore":542}]

TestFindEnrolledStudent Input: {"universityId":"0"}

TestFindEnrolledStudent Output: {"StatusCode":"403"}

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.293 s - in sources.TestFindApprovedStudent

[INFO] Running sources.TestSubmitVolunteer

TestsubmitVolunteer Input: {"studentId":1,"universityId":1,"volunteerNo":12,"classId":5,"batch":1,"type":"统招","classRank":1,"isAdjust":1}

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.072 s - in sources.TestSubmitVolunteer

[INFO] Running sources.TestSubmitPlan

TestSubmitPlan Input: {"universityId":"1","number":"10","classId":"1","year":"2020","regionId":"1","approvedBy":"","planId":"8","isApproved":"0"}

TestSubmitPlan Output: {"StatusCode":200}

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.083 s - in sources.TestSubmitPlan

[INFO] Running sources.TestEnroll

TestEnroll Input: {"batch":"1","type":"统招"}

TestEnroll Output: {"StatusCode":200}

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.245 s - in sources.TestEnroll

[INFO] Running sources.TestRejectPlan

TestRejectPlan Input: {planIdArray:["1", "2"]}"

TestRejectPlan Output: {"StatusCode":"200"}

TestRejectPlan Input: {"planIdArray":["100", "200"]}

TestRejectPlan Output: {"StatusCode":"402"}

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.166 s - in sources.TestRejectPlan

[INFO] Running sources.TestApporveEnrolledStudent

TestapproveEnrolledStudent Input: {studentId:[1, 7]}

TestapproveEnrolledStudent Output: {"StatusCode":"200"}

TestapproveEnrolledStudent Input: {studentId:[100, 200]}

TestapproveEnrolledStudent Output: {"StatusCode":"403"}

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.206 s - in sources.TestApporveEnrolledStudent

[INFO] Running sources.TestFindStudentByTestid

TestFindStudentByTestid Input: {"name":"王一", "testId":"19875426874625"}

TestFindStudentByTestid Output: {"gender":"男","englishScore":138,"regionId":5,"chinesrScore":120,"kind":2,"name":"王一","rank":200,"testId":19875426874625,"mathScore":142,"id":1,"compScore":298,"totalScore":698}

TestFindStudentByTestid Input: {"name":"王一", "testId":"0"}

TestFindStudentByTestid Output: {"StatusCode":"402"}

TestFindStudentByTestid Input: {"name":"王一", "testId":"12345824562584"}

TestFindStudentByTestid Output: {"StatusCode":"402"}

[INFO] Tests run: 3, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.102 s - in sources.TestFindStudentByTestid

[INFO] Running sources.TestFindStudentById

TestFindStudentById Input: {"id":"1"}

TestFindStudentById Output: {"gender":"男","englishScore":138,"regionId":5,"chinesrScore":120,"kind":2,"name":"王一","rank":200,"testId":19875426874625,"mathScore":142,"id":1,"compScore":298,"totalScore":698}

TestFindStudentById Input: {"id":"0"}

TestFindStudentById Output: {"StatusCode":"402"}

[INFO] Tests run: 2, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.066 s - in sources.TestFindStudentById

[INFO] Running sources.TestFindPlanById

TestFindPlanById Input: {"universityId":"1","year":"2020"}

TestFindPlanById Output: [{"universityid":1,"number":23,"classid":1,"year":2020,"regionid":1,"is\_approved":1,"planid":5},{"universityid":1,"number":19,"classid":4,"approved\_by":"","year":2020,"regionid":1,"is\_approved":0,"planid":16},{"universityid":1,"number":10,"classid":1,"approved\_by":"","year":2020,"regionid":1,"is\_approved":0,"planid":17},{"universityid":1,"number":10,"classid":1,"approved\_by":"","year":2020,"regionid":1,"is\_approved":0,"planid":18},{"universityid":1,"number":10,"classid":1,"approved\_by":"","year":2020,"regionid":1,"is\_approved":0,"planid":19},{"universityid":1,"number":10,"classid":1,"approved\_by":"","year":2020,"regionid":1,"is\_approved":0,"planid":20},{"universityid":1,"number":10,"classid":1,"approved\_by":"","year":2020,"regionid":1,"is\_approved":0,"planid":21}]

[INFO] Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.036 s - in sources.TestFindPlanById

[INFO]

[INFO] Results:

[INFO]

[INFO] Tests run: 23, Failures: 0, Errors: 0, Skipped: 0

[INFO]

[INFO] ------------------------------------------------------------------------

[INFO] BUILD SUCCESS

[INFO] ------------------------------------------------------------------------

[INFO] Total time: 7.632 s

[INFO] Finished at: 2020-09-07T15:34:45+08:00

[INFO] ------------------------------------------------------------------------