

## **4. Integration/Regression Testing**

### **4.1 Integration and Regression Testing**

In the event that a unit does not pass the following tests, that unit will be fixed, and then that unit along with all linked units will be re-evaluated for accuracy. A listing of the linked units can be found in section 4.2 of this document. In the event that one unit passes and the other does not pass, both units will need to be evaluated in order to determine where and why the error occurred. In that event, depending on the circumstances in which the error occurred, all affected units may need to be retested.

## 4.2 Linked Units

Test Number	Unit Test Name	Linked Units
1	Javanet Welcome	2,3,4,5,6,7
2	Welcome : Student	1,8,9
3	Welcome : Instructor	1,16,17
4	Welcome : Course Coordinator	1,25,26,27,28,29,30,31,32,33,34
5	Welcome : Administrator	1,35,36,37,38,39,40,41,42,43,44
6	Reset Password	1
7	Student Registration	
8	Student Profile Editing	1,2, 9, 10,11, 15
9	Student Home	1,8,10,11,15
10	Student Practice	1,2,8,9,11,15
11	Student List Assignments	1,2,8,9,10,12,15
12	Student Homework	1,2,8,9,10,11,13,15
13	Student Homework Question	1,2,8,9,10,11,15
14	Student Homework Question Solution	1,2,8,9,10,11,15
15	Student View Gradebook	1,2,8,9,10,11
16	Instructor Profile Editing	1,3,17,18,19,20,21,22
17	Instructor Home	1,3,16,18,19,20,21,22
18	Instructor List Assignments	1,3,16,17,19,20,21,22
19	Instructor Question Pools	1,3,16,17,18,20,21,22
20	Instructor Create Question Set	1,3,16,17,18,19,21,22
21	Instructor Create Question	1,3,16,17,18,19,20,22
22	Instructor View Gradebook – Default	1,3,16,17,18,19,20,21,23,24
23	Instructor View Gradebook – by Student	1,3,16,17,18,19,20,21,22,24
24	Instructor View Gradebook – by Assignment	1,3,16,17,18,19,20,21,22,23
25	Course Coordinator Profile Editing	1,4,26,28,29,30,31,32
26	Course Coordinator Home	1,4,25,27,28,29,30,31,32
27	Course Coordinator Pending Requests	1,4,25,26,28,29,30,31,32
28	Course Coordinator List Assignments	1,4,25,26,29,30,31,32
29	Course Coordinator Question Pools	1,4,25,26,28,30,31,32
30	Course Coordinator Create Question Set	1,4,25,26,28,29,31,32
31	Course Coordinator Create Question	1,4,25,26,28,29,30,32
32	Course Coordinator View Gradebook – Default	1,4,25,26,28,29,30,31,33,34
33	Course Coordinator View Gradebook – by Student	1,4,25,26,28,29,30,31,32,34
34	Course Coordinator View Gradebook – by Assignment	1,4,25,26,28,29,30,31,32,33
35	Administrator Home	1,5,36,37,38,39,40,43,44
36	Administrator Profile Editing	1,5,35,38,39,40,43,44
37	Administrator Pending Requests	1,5,35,36,38,39,40,43,44
38	Administrator Create Question Set	1,5,35,36,39,40,43,44
39	Administrator Create Question	1,5,35,36,38,40,43,44
40	Administrator View Gradebook – Default	1,5,35,36,38,39,41,42,43,44
41	Administrator View Gradebook – by Student	1,5,35,36,38,39,40,42,43,44
42	Administrator View Gradebook – by Assignment	1,5,35,36,38,39,40,41,43,44
43	Administrator View Question Pools	1,5,35,36,38,39,40,44
44	Administrator List Assignments	1,5,35,36,38,39,40,43

## **5. Acceptance Testing**

### **5.1 Acceptance Testing**

Acceptance testing involves running a collection of test on the completed system. Each test case examines a particular operation or feature of the system, resulting in a pass or fail outcome. The testing environment is designed to be as close as possible to the expected user environment, also taking into account extremes that may be involved. The test cases are accompanied by data and a formal description of the activities to be performed, and also a thorough description of its results.