**Test Design – 20 points**

**Submission**

1. Due date: **Friday,** **November 22 by 11:59pm**
2. You MUST use the template provided on Canvas. **-2 points** if you don’t.
3. Submit (a) the Test Design document AND (b) the team report, to the team repository or Canvas. **-2 points** for not submitting the team report.

**Requirement for this Deliverable**

1. Create a test design document for your software project with the template provided. Download the template from Canvas and follow the given test design template. You should design as many test cases as possible. You may not have a full implementation yet, but you should use your requirements specification to determine your test inputs and expected outputs. **At least 30 test cases are expected** (at least one per requirement.)
2. Implement your test cases for the major entity classes with JUnit test, so the tests can be automatically executed. During the final presentation, you must show that all test cases are passed with green lights.
3. If a team member’s contribution to this deliverable is significantly less than other team members, he/she will only receive a partial credit of the total points earned by the group.

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| --- | --- | --- | --- |
| **Expectation** | **Meet** | **Does Not Meet** | **Missing** |
| Use the template provided and removed my instructions | 2 | 0 | 0 |
| Test Case Design:   * At least 30, one for each requirement * Use the table in the template * Clear and not redundant | 10 | 6 | 0 |
| Implement test cases for major entity classes with JUnit test | 5 | 0 | 0 |
| Traceability table shows that all requirements are covered | 3 | 1 | 0 |
| **Total** | **20** |  | |

1. Grading