ITMD-411 **Final Lab Project Grading Rubric** (FA ’17) :

Final Lab project will be based on the following point allocations (Point worth: **200**)

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| Criteria | Points |
| Database Creativity: | **50 points** |
| Programming Creativity, UI & Code Logic: | **100 points** |
| Documentation/error handling: | **50 points** |
| \*Extra Credit: | **20 points** (max) |

**\*Extra Credit possible categories (20 extra points max are possible. Choose up to any 4 choices below for the extra credit. Unless duly noted, 5 points max will be given for each choice you properly fulfill)**

1. Outstanding GUI i.e., fluid navigation, buttons , menus, table view actions, event handling (this will serve as 10 points)
2. Relational Table Designs
3. [Stored procedures](http://docs.oracle.com/javase/tutorial/jdbc/basics/storedprocedures.html)/triggers
4. Savepoints/Rollbacks & Commits
5. SQL Injection Prevention (aka Prepared Statements)
6. Inheritance modeling
7. JavaFX (this will serve as 10 points)
8. Entity Designs: UML & ERD’s
9. JUnit Testing
10. Password Hashing (including storage and retrieval of hashed passwords)
11. Regex (aka Regular Expressions for error traps, etc.)
12. Use of Hashmaps
13. Charts
14. Analytics (this will serve as 10 points)
15. Ratio of open tickets to closed tickets.
16. Average time tickets take to close.
17. Group counts of high priority versus medium versus low priority.

Note: Extra credit attempts must be documented throughly with **descriptive** snapshots showing your extra credit work in *detail*. Include any extra credit at the end of your required snapshots.