ITMD-411 **Final Lab Project Grading Rubric** (SP ’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: | **25 points** (max) |

**\*Extra Credit possible categories (25 extra points max are possible. Choose up to any 5 choices below for the extra credit. Unless note, 5 points max will be given for each choice you properly fulfill)**

1. Outstanding GUI (fluid navigation, buttons , menus, event handling!!!)
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 20 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

Note: Extra credit attempts must be documented throughly with **descriptive** snapshots showing your extra credit work in *detail*.