**Project 1: ATM Program Rubric.**

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| **Student Name** | **Filipe Castanheira** |
| Due Date | 01/31/2017 |
| Date Submitted, Days Late, Late Penalty | 01/31/2017 |

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| **Graded Item** | | | **Points** | **Comments and Points Secured** |
| Javadoc Comments and Coding Style/Technique  (<http://www.cis.gvsu.edu/studentsupport/javaguide>)   * Code Indentation (auto format source code in IDE) * Naming Conventions (see Java style guide) * Proper access modifiers for fields and methods * Use of helper (private) methods * Using good variable names * Header/class comments * Every method uses @param and @return   (one sentence after each @ param @return)   * Every method uses a /\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* separator * Overall layout, readability, No text wrap * Using /\*\* … / for each Instance variable * Has many inner “inner” comments | | | 10 |  |
| **Steps 1 – 2: Basic Functionality** | | | 40 |  |
| **Step 3: JUnit test** | | | 8 |  |
| **Step 4: Main test** | | | 5 |  |
| **Step 5: Added functionality**   * **public void save( String fileName )** * **public void load( String fileName )** * **public static void suspend( Boolean on )** * **Allow for an error in the input for all constructors and methods** | | | 2  5  5  8 |  |
| **Step 6: More Software Testing** | | | 7 |  |
| **Step 7: Challenge Requirement** | | | 10 |  |
| **Total** | | | **100** |  |
| **How many hours did you spend developing this project?** | | | | **24** |
| **I received help from** | **Taylor Pelletier** | **for methods:** | | **Save and load** |
|  |  |  | |  |
| **I gave help to** | **Taylor Pelletier** | **for methods:** | | **GUI** |
|  |  |  | |  |

**Additional Comments:**