**CMPS 312 Mobile Application Development**

**Assignment 1 - Digital Library Management System**

**Testing Documentation & Grading Sheet**

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| --- | --- |
| **Student Name** |  |
| **Student Id** |  |
| **Email** |  |

**Grading Rubric**

*In the Functionality column, please specify either:* ***Working (completed x%)****,* ***Not Working (completed x%)****, or* ***Not done***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Criteria | Weight | Functionality\* | Instructor Feedback | Student Score |
| Feature-Based Clean Architecture | 25% |  |  |  |
| - Proper feature separation and folder structure |  |  |  |  |
| - Correct layer organization (domain/data/core) |  |  |  |  |
| - Appropriate dependency directions |  |  |  |  |
| OOP Implementation | 25% |  |  |  |
| - Inheritance hierarchies and polymorphism |  |  |  |  |
| - Mixins and interfaces implementation |  |  |  |  |
| - Proper encapsulation and abstraction |  |  |  |  |
| Dart Features | 25% |  |  |  |
| - Complex extension methods with analytical thinking |  |  |  |  |
| - Functional programming (no traditional loops) |  |  |  |  |
| - JSON serialization and null safety |  |  |  |  |
| Functionality | 25% |  |  |  |
| - System integration across features |  |  |  |  |
| - Business logic and validation |  |  |  |  |
| - Comprehensive testing and error handling |  |  |  |  |
| TOTAL | **100%** |  |  |  |

**Possible grading for functionality:**

* **Complete and Working** (get 70% of the assigned weight)
* **Complete and Not Working** (lose 40% of assigned weight)
* **Not done** (get 0%)
* The remaining grade is assigned to the quality of implementation.

**Add Screenshots Here**