**Supplementary Specification**

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| **Version** | **Date** | **Description** | **Author** |
| Inception Draft | July 20, 2018 | First draft. To be refined primarily during elaboration phase. | Katy Atchison |

**Introduction**

This document is the repository of all BookKeeper requirements not captured in the use cases.

**Functionality**

***Logging and Error Handling***

Log all errors to persistent storage

***Security***

All usage requires user authentication

**Usability**

***Human Factors***

The customer will view the application on a monitor, tablet, or phone screen.

Speed, ease, user-friendliness, and intuitiveness are all important to keep users interested in continuing to use the application.

**Reliability**

***Recoverability***

If the application encounters a problem and has to shut down unexpectedly, any transactions in progress should not be completed, and the state of all user data should return to its former state before the user attempted to complete a transaction.

**Performance**

The application should be simple, easy to navigate, and intuitive. It should complete operations quickly to maintain user interest.

**Implementation Constraints**

We insist on a Java technologies solution, predicting this will improve long-term porting and supportability, in addition to ease of development.

**Interfaces**

All user interaction will occur on either a touchscreen mobile phone, tablet, or monitor, or through mouse clicks on a screen.