4. Other Nonfunctional Requirements

4.1 Performance Requirements

The system will utilize Django with SQLite. Emphasis will be placed on secure and verifiable transactions.
- Verification of transaction should not take more than 30 seconds.
- Reversal of transaction should not take more than 30 seconds.
- Updating account information should not take more than 60 seconds.
- Verification e-mail should not take more than 2 minutes to send.

4.2 Safety Requirements

The system will have several measures in place to prevent loss due to negligence and/or

accidents. Data will be backed up and logged in order to be able to ensure reliability.

- E-mail required to make an account to prevent loss of account due to forgetting password.
- All transactions are logged and archived on a backup server for safety purposes.
- All transactions are reversible and traceable in-case of accidental purchases.

4.3 Security Requirements

- Passwords will contain at least one of each of the following: a numeric character, a lowercase letter, an uppercase letter, and a non-numeric character.
- E-mail verification will be required to make and account.
- Passwords will not be visible to the user as it is being inputted.
- After a certain number of incorrect login tries, users will be locked out from that account for a set period of time.
- Admins will be able to create/edit/delete users' accounts.
- Users will not be able to edit inventory or others' accounts.

4.4 Software Quality Attributes

The most important qualities of our system are verifiability and reliability. Users should feel secure in making accounts and transactions. The system should protect users from malicious actors and errors on the users' parts. If errors occur on the systems' part, the transactions should be able to be reversed and/or nullified.

5. Other Requirements

- Multi-language support

Appendix A: Glossary

Agile development- software development method that breaks tasks into "sprints"
SRS- Software requirements specification document