

### Testing Strategy:

The main goal is to make sure things are as decoupled as possible in order to properly test all of the components with preferably automated tests. This is not easily done with databases and GUIs (at least using the tools we know). To test the database, we simply had to run queries to it. For the most part, the unit tests focused on making sure that those SQL queries being sent were the correct ones. For the GUI testing, we used manual tests, where we simply check that each component is where it should be, and unittest whatever function each button activates.

### Code Review Strategy:

The main goal of this test review is to refactor our code to fit criterias such as design principles, proper documentation, and remove unused code. For starters, we went through every java class as a team and critiqued using code smells lecture slides from class. We would also point out that documentation is required if a group member did not understand what the code was doing. Lastly, we removed any code that was not used at all.

### Chun Ho's Feedback

- Deleted PendingPicker.java from CSVParser repo
- Need to separate CSVParser megamethod into smaller helpers
- Need to separate verifyWithGuilfNeeded method in PendingDatabaseEntry and split it into multiple helpers

### Christopher's Feedback

- UserQuery:
  - Add spacing where needed
  - Add docstrings to methods that don't have them
  - Replace the magic numbers with constants
- DatabaseSetup:
  - Instead of keeping the schema in the code, put it somewhere else as a constant
  - Duplicate code (replace DatabaseSetUp.runRawSQL with DatabaseQuery.queryWithSQL)

### Alon's Feedback

- DatabaseSelector:
  - Remove dead code
  - Add docstrings to methods that don't have them
  - Remove dead unused exceptions
- All GUIs
  - Add docstrings to methods that don't have them
  - Delete dead code[especially baseGUI.java]

- Relocate misplaced Exceptions.

#### Anny's Feedback

- Reports
  - Add docstrings to methods that don't have them
  - Put reportHelper into report
- PendingDatabaseEntry: use variable names for temp variables for readability
  - This is an issue that needs to be fixed over the entire file
  - Remove the dead code in the class as well