

## COMP 3350 Project Iteration 2

### Group 3 (The Job Costing Application)

#### Planning and process (2.5/4)

- GIT (1/1)
  - Version control is being used properly for example, has more than one committer and commits are reasonable size and frequency. They are not only big commits at the end. (1/1)

Comments: **Two major committers, one member only had one commit. Mostly committed around the deadline.**

- Updated plan (0.75/2)
  - Plan should be up-to-date (if there is any change to the previous plan for Iteration 2 it should be explicit and justified) (0/0.5)

**There is no update plan document. (-0.5)**

**Big user stories for iteration 3, if it was not already in plan (0.25/0.5)**  
**Big stories for 3rd iteration is not provided and referring to iteration 0 submission big stories are not labeled for any specific iteration (-0.25).**

- Development tasks assigned in iteration 2 (what exactly has been done by developers) (0.5/0.5)
- The time planned for the development tasks and detailed user stories and the actual time it took, in iteration 1 (0/0.5)

**There is no time sheet specifying actual time taken to implement the development tasks. (-0.5)**

Comments: **You need to have plan document, stating all your changes such as if you are adding or removing story or if you are not able to deliver promised story. You should have specify as well, each story belongs to which iteration.**

- Wiki (0.75/1)
  - Should include description of the content of the submission. Can include other things as well. (0.75/1)

Comments: **Wiki should have provided either log file or the link to log files. (-0.25)**

#### Functionality (5.5/8)

- DB support including the actual DB and stubbed version (2/2)
- System performs end-to-end (including GUI) processing for all stories (1/2)

**Not able to verify calculation feature. (-1)**

- Works on both emulator and tablet device. (2/2)

- The developed program conforms the updated plan (the stories that are claimed to be implemented, are indeed there) (0.5/1)

You have very limited features, just 2 main features and they are not working properly. (-0.5), couldn't verify features like tax return, calculate margin/profit.

- No easy bug (No crashes or unexpected behavior while trying normal scenarios) (0/1)

App stopped working (crashed) after adding order (clicking on done). (-1) This is due to the fact there is no validation and all fields must be filled up before saving.

Comments: Under calculations, the date format is not specified, also putting any price or item, clicking on add and calculate do nothing. Under add order, even if you don't put anything and click on done it add the order. Plus click on order number to view previously saved order crash the app (this is for the case that you have saved an order without complete information).

### Implementation (6/6)

- No obvious code/design smells (2/2)
  - Classes are in the wrong package (e.g., logic is developed in the UI layer)
  - Big classes: Classes are taking too much responsibility (SRP)
  - Very long methods (over 20 lines)
  - Wrong usage of inheritance
- Proper dependency injection for DB (2/2)
- Good standard coding style (2/2)
  - Informative naming
  - Comments explain "why" and not "What"
  - No to-do
  - Too much code duplication (copy-paste)

Comments: There is proper packaging for database, user interface and business logic.

### Unit tests (6.5/7)

- Automated JUnit test cases for both new features and old ones (2/2)
- Passes all unit tests for domain objects and business logic (2/2)
- Reasonable test coverage of normal and corner cases (0.5/1)

You are only covering methods in the Calculations.java. (-0.5)

- Integration tests (actual DB in the loop) (2/2)

Comments: Basically, you have limited number of unit tests, you need to ensure to add more tests in your upcoming iteration.

**Penalties (-0.75)**

- Log file (up to -2 if missing or incomplete)
- Missing libraries. Unspecified dependencies. (up to -2)
- Previous unresolved issues (up to -5)

Comments: Since this comment was also given to you in your previous iteration marking sheet, you will lose mark to that too ("Wiki should have provided either log file or the link to log files. (-0.25)")

You have completely ignored all the comments provided to you in your previous iteration, specifically comments given under "Planning and Process" section. (-0.5)

**Total (19.75/25)**