

Inf2C-SE Coursework 3

Changes summary

The main changes we made from the original coursework1,2 design was the complete removal of the customer class as we deemed it unnecessary, but we added a bikeType class as it would make our implementation simpler. Also many of the methods/ variables were changed to accommodate the above changes, which are all shown on the coursework 2 class diagram.

Self-Assessment

1. Extension submodules 9%

- Implementation of extension submodule 9%
- Peer review of other group's submodule (up to 10% bonus marks)

We think we implemented the submodule correctly with all it's functionality

2. Tests 27%

- System test covering key use cases 17%
- Unit test for Location and DateRange 5%
- System test included implemented extension to pricing/valuation 5%
- Mock and test pricing/valuation behaviour given other extension 0%

We added system test covering the key use cases with a variety of data and had tests that fully covered the extension. We didn't try implement the other groups submodule.

3. Code 38%

- Integration with pricing and valuation policies 8%
- Functionality and correctness 22%
- Quality of design and implementation 4%
- Readability 4%

We think our code is all correct and implements all the required features correctly, we think we followed coding standards appropriately and made our code readable. Our code may not be the most efficient and may include some redundancy.

4. Report 10%

- Revisions to design 5%
- Attempt a reflective self-assessment linked to the assessment criteria 5%

We explained the changes we made and think we attempted a full self assessment.