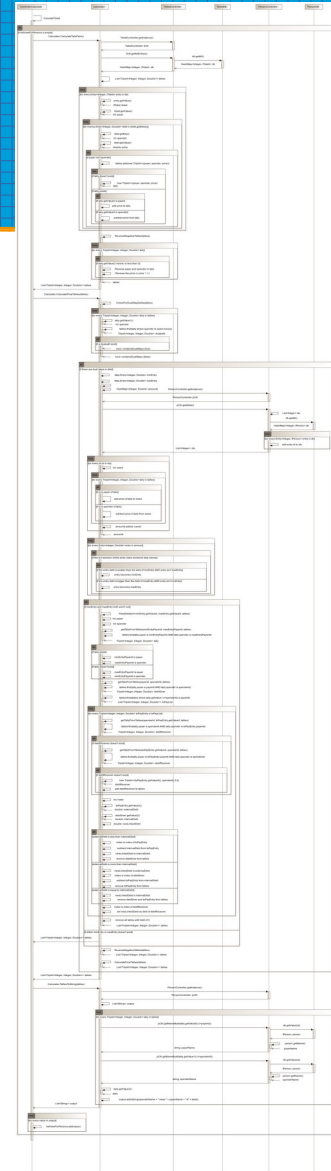
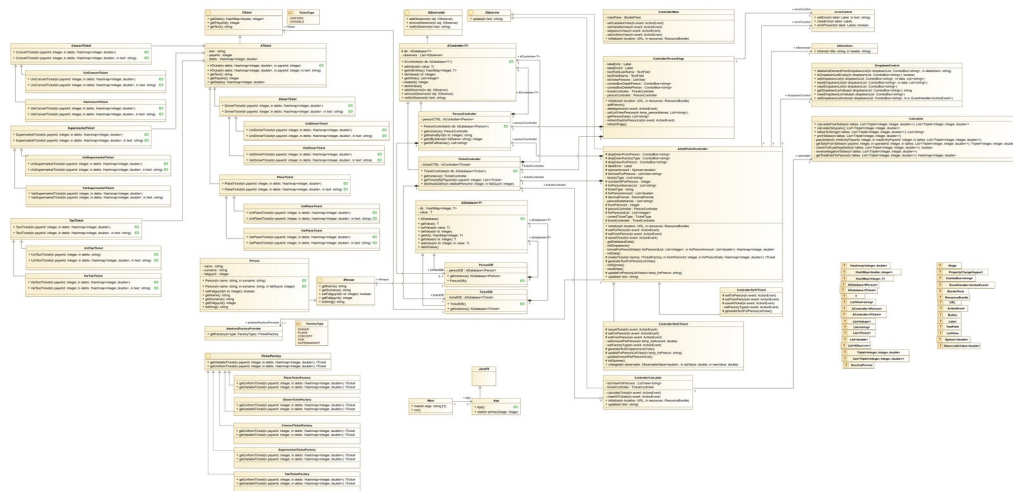
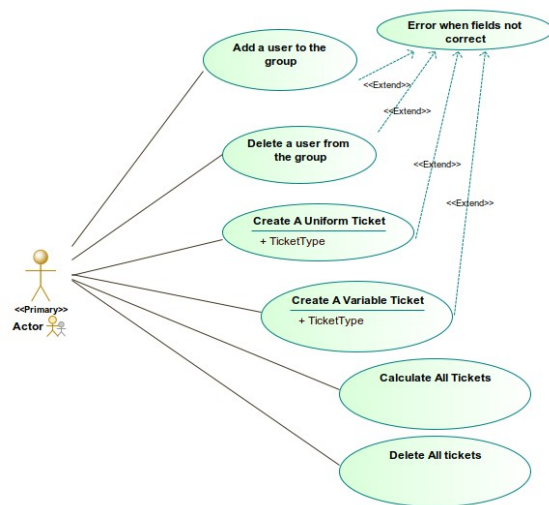


Money Tracker

Thomas Kramp
Robbe Elsermans

UML

- Use case diagram
- Class diagram
- Sequence diagram of calculator



Patterns

- *Singleton Pattern → Database
- *Observer Pattern → User alert
- *(Abstract) Factory → Ticket Types
- *MVC Pattern → GUI
- Strategy Pattern → The base-line of tickets
- Template Method → Database and database controller

Tests

- Almost every class, Unit tested
- Integration test of Calculator

```
└─ java
   └─ calculator
      └─ IntegrationTest_Tallies.java
   └─ database
      └─ UnitTest_PersonDatabase.java
   └─ factory
      └─ facts
         ├── UnitTest_ConcertFactory.java
         ├── UnitTest_DinnerFactory.java
         ├── UnitTest_PlaneFactory.java
         ├── UnitTest_SupermarketFactory.java
         └─ UnitTest_TaxiFactory.java
      └─ UnitTest_AbstractFactoryProvider.java
   └─ person
      └─ UnitTestPerson.java
   └─ ticket
      └─ concert
         ├── UnitTestUniConcertTicket.java
         └─ UnitTestVarConcertTicket.java
      └─ dinner
         ├── UnitTestUniDinnerTicket.java
         └─ UnitTestVarDinnerTicket.java
      └─ plane
         ├── UnitTestUniPlaneTicket.java
         └─ UnitTestVarPlaneTicket.java
      └─ supermarket
         ├── UnitTestUniSupermarketTicket.java
         └─ UnitTestVarSupermarketTicket.java
      └─ taxi
         ├── UnitTestUniTaxiTicket.java
         └─ UnitTestVarTaxiTicket.java
```

Specials

- JavaFX with Scenebuilder
- Full Git, hosted on GitHub

