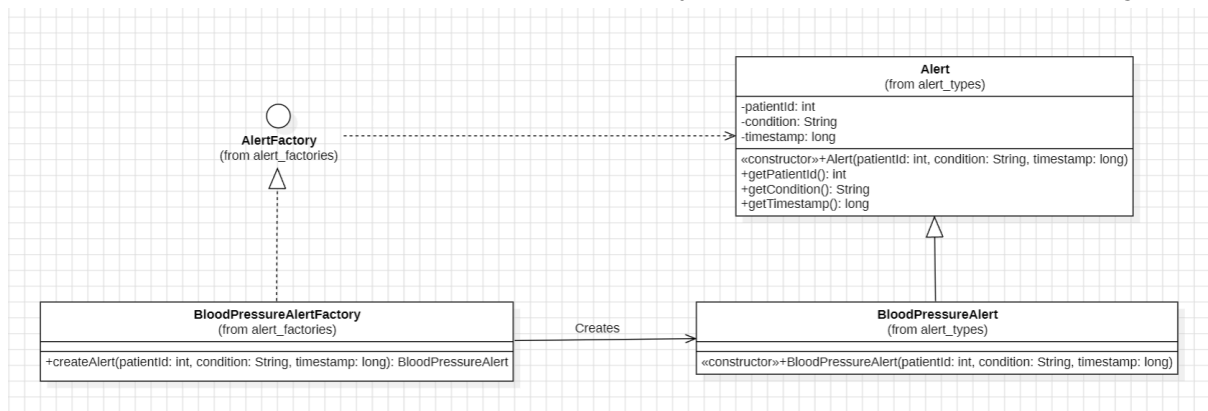


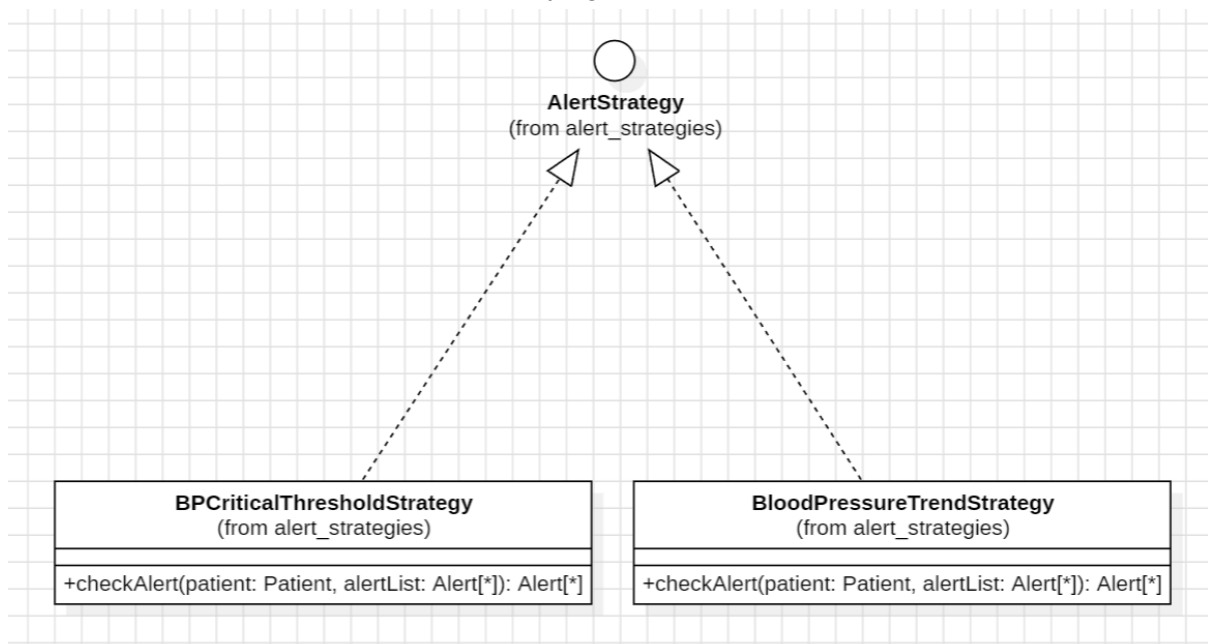
Week 7 tasks

- [X] Implement Factory design pattern
- [X] Implement Strategy pattern
- [] Implement Decorator pattern
- [X] Implement Singleton pattern
 - [X] Implement for DataStorage
 - [X] Implement for HealthDataSimulator

Example application of the factory method design pattern. For blood pressure alerts, you have a specific '**BloodPressureAlert**' class made by the '**BloodPressureAlertFactory**'



Use of the strategy design pattern. The classes below encapsulate the logic for creating their specific alerts. The `checkAlert` method receives an existing list of alerts and, depending on the inner logic, appends a newly created alert of the appropriate type. In that way, you can create more alert conditions without modifying the **AlertGenerator** class



After modifications, tests still pass:

