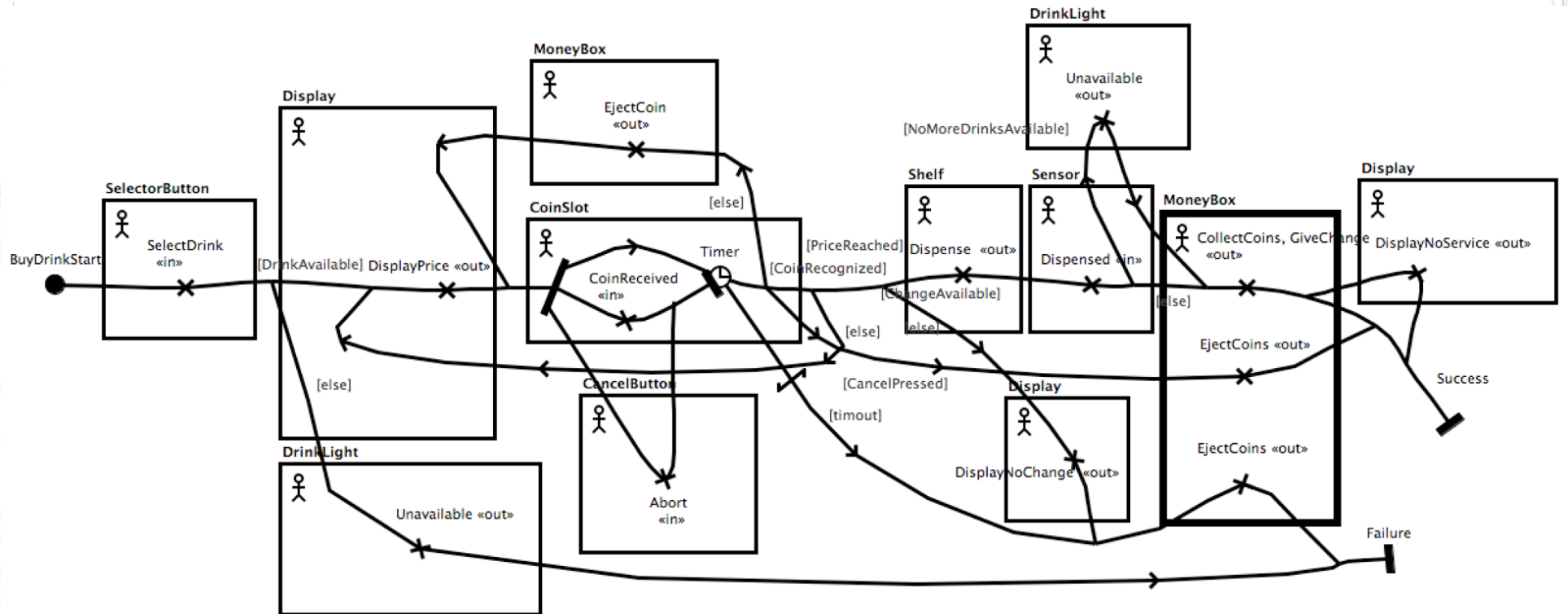
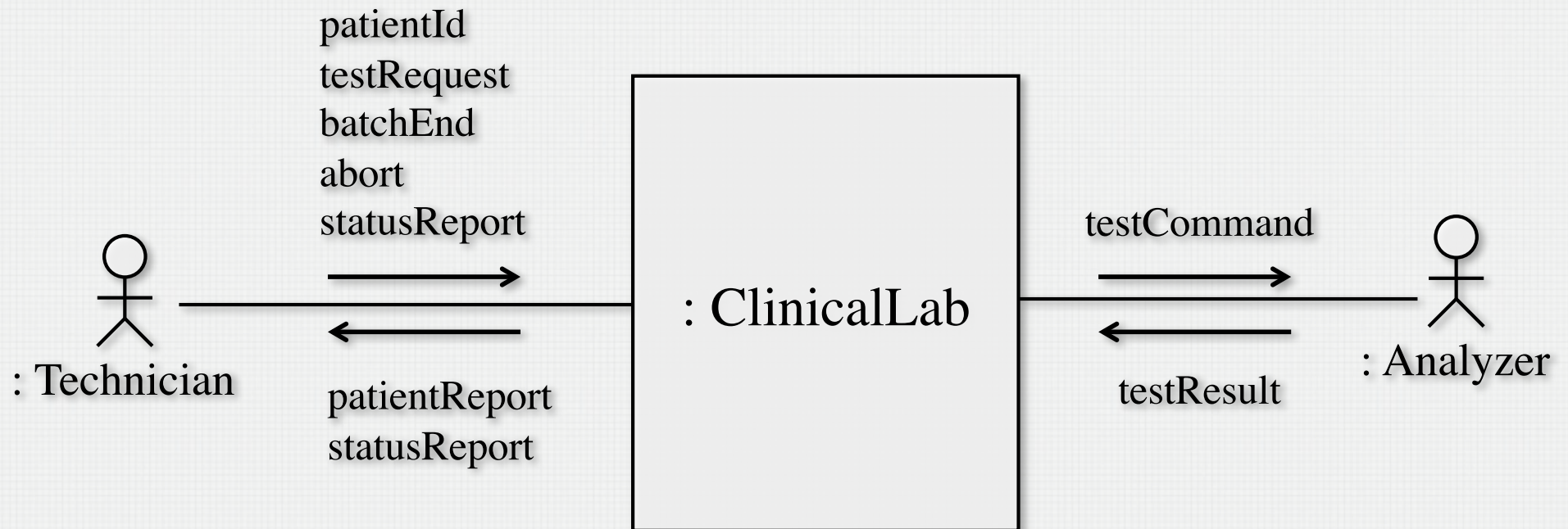


DRINK VENDING MACHINE UCM



CLINICAL LAB SYSTEM ANSWER (1)



CLINICAL LAB SYSTEM ANSWERS (2)

Message Declarations

```
type Test is enum {... names of lab tests on blood, urine, and swab...};  
type State is enum {finished, ongoing};  
type Measure is TupleType {kind: Test, value: Real};
```

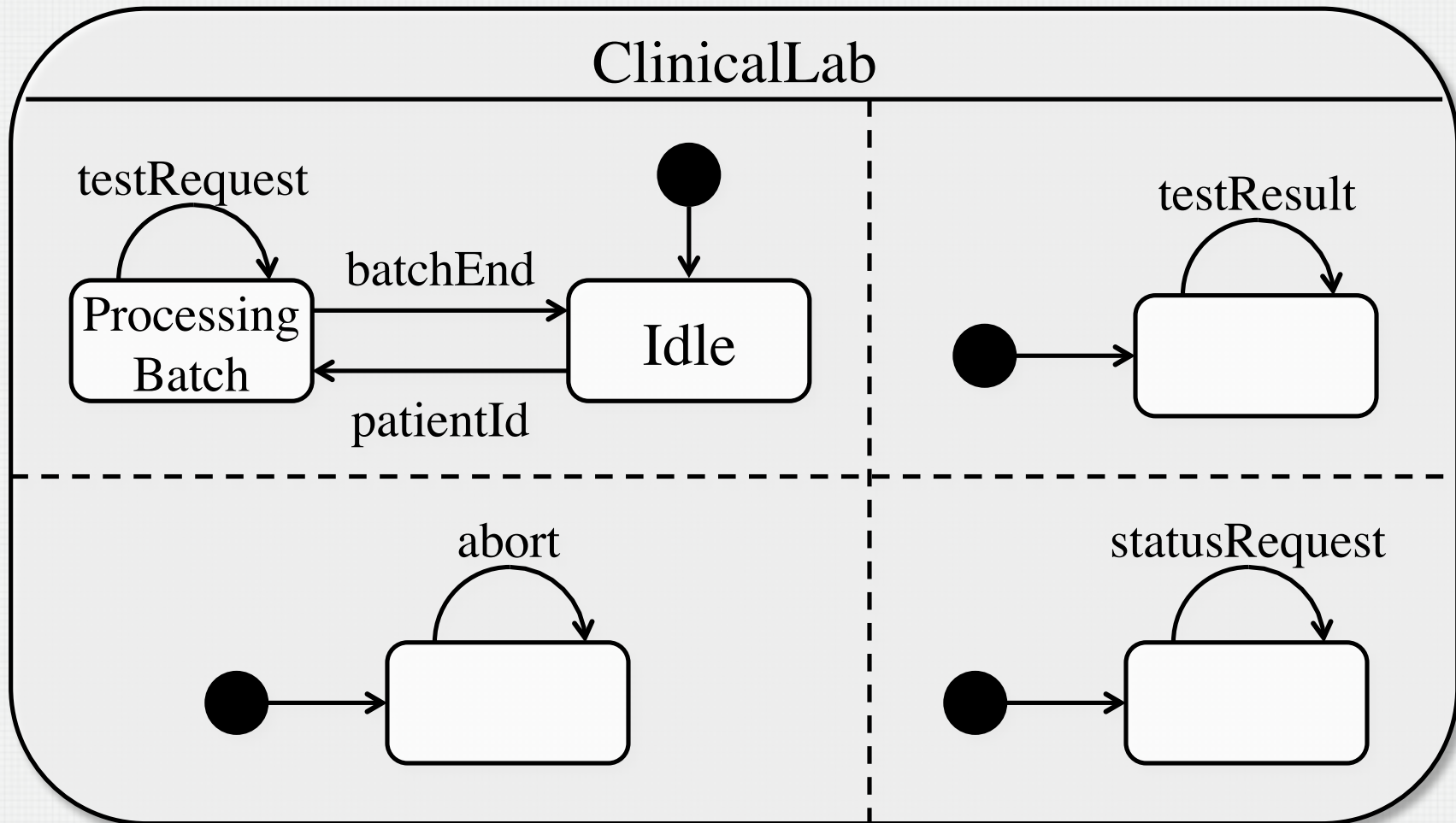
Input

```
PatientId (id: Integer, name: String);  
TestRequest (id: Integer, kind: Test);  
BatchEnd (id: Integer);  
Abort (id: Integer);  
StatusRequest (id: Integer);  
TestResult (id: Integer, result: Measure);
```

Output

```
TestCommand (id: Integer, kind: Test);  
PatientReport (id: Integer, results: Collection (Measure));  
StatusReport (id: Integer, status: State).
```

CLINICAL LAB SYSTEM ANSWERS (3)



CLINICAL LAB SYSTEM ANSWER (4)

