Assignment 3

NameValidator ([link to the commit](#))

The test suites for the following classes have been worked on:
- NameValidator.java

Before:

NameValidator.java	100%	6/6	60%	3/5

After:

NameValidator.java	100%	6/6	80%	4/5

Strategies (link to the commit 1 2 3)

The test suites for the following classes have been worked on:
- ChargeStrategy.java
- NoChargeStrategy.java
- SpoiledStrategy.java

Before:

Pit Test Coverage Report

Package Summary

nl.tudelft.sem.foodmanagement.controllers.strategies

Number of Classes	Line Coverage		Mutation Coverage	
3	95%	42/44	27%	3/11

Breakdown by Class

Name	Line Coverage		Mutation Coverage	
ChargeStrategy.java	93%	13/14	25%	1/4
NoChargeStrategy.java	100%	3/3	0%	0/1
SpoiledStrategy.java	96%	26/27	33%	2/6

After:

Pit Test Coverage Report

Package Summary

nl.tudelft.sem.foodmanagement.controllers.strategies

Number of Classes	Line Coverage		Mutation Coverage	
3	96%	43/45	100%	13/13

Breakdown by Class

Name	Line Coverage		Mutation Coverage	
ChargeStrategy.java	93%	14/15	100%	5/5
NoChargeStrategy.java	100%	3/3	100%	1/1
SpoiledStrategy.java	96%	26/27	100%	7/7

Security ([link to the commit](#))

The test suites for the following classes have been worked on:
- JwtAuthenticationFilter.java
- JwtAuthenticationFilterUtils.java
- JwtAuthenticationFilterUtils2.java
- SecurityConfig.java
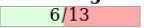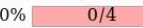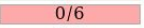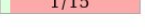- UserDetailsServiceImpl.java

Before:
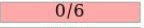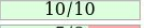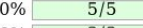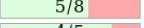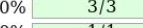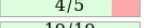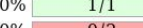
Pit Test Coverage Report

Package Summary

nl.tudelft.sem.gateway.security

Number of Classes	Line Coverage		Mutation Coverage	
8	55%	45/82	41%	9/22

Breakdown by Class

Name	Line Coverage		Mutation Coverage	
JwtAuthenticationFilter.java	46%	6/13	0%	0/4
JwtAuthenticationFilterUtils.java	0%	0/6	0%	0/2
JwtAuthenticationFilterUtils2.java	0%	0/6	0%	0/2
JwtAuthorizationFilter.java	100%	10/10	100%	5/5
JwtAuthorizationFilterUtils.java	63%	5/8	100%	3/3
JwtAuthorizationFilterUtils2.java	80%	4/5	100%	1/1
SecurityConfig.java	100%	19/19	0%	0/2
UserDetailsServiceImpl.java	7%	1/15	0%	0/3

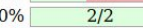Report generated by PIT 1.5.1
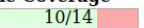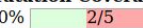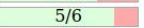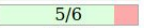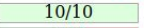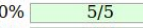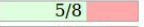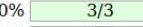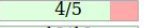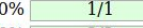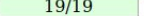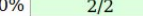
After:

Pit Test Coverage Report

Package Summary

nl.tudelft.sem.gateway.security

Number of Classes	Line Coverage		Mutation Coverage	
8	89%	77/87	86%	18/21

Breakdown by Class

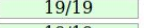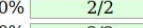| Name	Line Coverage		Mutation Coverage	
JwtAuthenticationFilter.java	71%	10/14	40%	2/5
JwtAuthenticationFilterUtils.java	83%	5/6	100%	2/2
JwtAuthenticationFilterUtils2.java	83%	5/6	100%	1/1
JwtAuthorizationFilter.java	100%	10/10	100%	5/5
JwtAuthorizationFilterUtils.java	63%	5/8	100%	3/3
JwtAuthorizationFilterUtils2.java	80%	4/5	100%	1/1
SecurityConfig.java	100%	19/19	100%	2/2
UserDetailsServiceImpl.java	100%	19/19	100%	2/2

Report generated by PIT 1.5.1

Food entity([link to the commit](#)):

The test suites for the following classes have been worked on:
- Food.java

Before:

Pit Test Coverage Report

Package Summary

nl.tudelft.sem.foodmanagement.entities

Number of Classes	Line Coverage		Mutation Coverage	
1	85%	22/26	33%	4/12

Breakdown by Class

Name	Line Coverage		Mutation Coverage	
Food.java	85%	22/26	33%	4/12

Report generated by PIT 1.5.1

After:

Pit Test Coverage Report

Package Summary

nl.tudelft.sem.foodmanagement.entities

Number of Classes	Line Coverage		Mutation Coverage	
1	94%	30/32	100%	12/12

Breakdown by Class

Name	Line Coverage		Mutation Coverage	
Food.java	94%	30/32	100%	12/12

Report generated by PIT 1.5.1