**Small Security and Vulnerability Assessment Example for tradeling.com**

**Tools:** BurpSuite

**Target:** check the possibility to send to server unexpected values

**Results:**

Performed 3 Tests for login page and for adding to cart functionality

One issue discovered

**Run:**

1. Tried to send unexpected country code ‘’11”. Achieved the error message: “countryCode invalid value”. Test passed; server rejects unexpected values.

Graphical user interface

Description automatically generated

1. Tried to send the quantity less than it was expected. Achieved the error message: “Invalid value. Minimum …”. Test passed; server performs validation of the quantity before processing.

Graphical user interface, application

Description automatically generated

1. Tried to change “priceCode” to some random value. Error message: “Invalid value. Quantity is more than maximum quantity 0.”. Seems the message is not proper.

Graphical user interface, text, application

Description automatically generated

And I have sent “qty”: 0 and “priceCode”: “QQQ” (random value). Acheved 200 OK response, which is incorrect. And one weird item was added in the cart with 0 quantity. Seems there is no server check for “priceCode” or some unexpected behavior occurred. It could be treated as vulnerability and used by someone to crack the server.

Graphical user interface, text, application

Description automatically generated