

## TEST TYPES

### Static

#### **Informal review**

Check code for cleanliness (if dev), Check description of a test case (if tester)

#### **Walkthrough**

Walkthrough on APIs rules of use

#### **Technical review**

Review of required features for development

#### **Inspection**

Inspection of created test plan

### Dynamic

### Functional

#### **Unit Testing**

Data can be inputted in field with invoice number

#### **Integration**

Page with send invoice number opened and displayed item with corresponded invoice

#### **System**

User can create/edit/delete item for the shipment

#### **Acceptance**

All functions and features described in BRS (business requirement specification) could be executed

#### **Alpha**

Give access to using an alpha version of the platform to product owners and clients, who have a work with a system daily

#### **Beta**

Give access to using a platform for all users

#### **Localization**

Webpage content translated on defined languages (English and Ukraine)

#### **Internationalization**

Supports only +38 phone code

#### **Globalization**

(hard to tell, due to local uses of this service)

## **Interoperability**

Compatibility with Chrome, Safari, Opera, Firefox

## **Installation**

(If I tested mobile version of NovaPoshta, I would test how it was installed, with what configuration and if it deletes properly)

## **Security**

Check authorization with invalid password and valid username

Non-functional

## **Performance**

### **Endurance (Soak)**

Create numbers of an average expected visitor`s requests for send and retrieve (for example 5000 per/second) for 12 hours straight

### **Stress**

Create numbers of a nearly maximum visitor`s requests for send and retrieve (for example 15000 per/second on Black Friday)

### **Recovery**

Create fall of the server during data saving and check if it left after server recovered

### **Load**

Create numbers of an average expected visitor`s requests for send and retrieve (for example 5000 per/second)

### **Volume**

Create numbers of expended deliveries of various items on different cities (hard to tell, w/o knowing inner structure of services data flow)

### **Scalability**

Create numbers of an average expected visitor`s requests for send and retrieve (for example 5000 per/second) with additional server

## **UI**

Compare designed template and actual result

## **Configuration**

Check that functional working the same for browsers as Chrome, Opera, Mozilla, Safari

## **Portability**

(Almost same as for configuration?)

### **Usability**

Check if shipment ordering is remembered and intuitive

### **Accessibility**

Check that alt text corresponds to the filling for screen reader

### **Maintenance**

### **Regression**

Check an affecting functional of resolved defect in API

### **Confirmation**

Check a recently fixed defect in NovaPoshta API

### **Sanity**

Check new feature on updated version of webpage

### **Smoke**

Check if webpage loads