Online shopping platform workload modeling ([www.etsy.com](http://www.etsy.com) as an example)

Acceptance criteria – to wake up participant’s fantasy:

* Double users count which buy items
* Increase order processing for registered user

Assumptions (shopping platform perspective):

* Normal and peak load
* From 8 am till 6 pm - normal load duration
* Peak hours – 7pm – 11pm
* 100 users – normal, 500 – peak

Assumptions (JMeter):

HTTP requests ([www.reqres.in](http://www.reqres.in) requests can be used for simulation):

* Sign in
* Browse category
* Search for particular item
* Put item to shopping cart
* Complete shipping information
* Check out
* Random activities: Forums, Etsy blog, Policies

Normal load (thread group 1):

* 10 users with 10 seconds ramp-up
* Scheduler, 120 seconds duration

Peak load (thread group 2):

* 30 users with 20 sec ramp-up
* Scheduler, 40 sec duration, 25 delay

Sample test plan structure:

