This essay explains the teaching benefits of designing personalized learning paths and how it could be automated on a Learning Management System. This theoretical-practical framework shows the constructs, elements, benefits and applications of an adaptive system, in an existing eLearning platform, such as NEO LMS.

This business case will explain in details the following points:

- What is the adaptive learning?
Adaptive Learning is a strategic used to get a highly individualized education, fully adapted to different learning styles as well as implemented different learning paths according to learner’s feedback. The adaptive system works automatically without the teacher interaction.

- Why is necessary to adapt the learning process?
Education must think over new methods to tap into XXI century students’s skills to whom internet is the information source and not his/her teachers. Nowadays, teachers should be tutors, mentors or consultants who should guide, lead, and design the right contexts for the education process. Similarly, teachers should engage students on their own learning. Therefore, the education turns into a element to help students acquiring the knowledge.

- Which elements should include an adaptive learning system?
  a) Individualization  
  b) Analisys  
  c) Rule engine  
  d) Personalized assessments  
  e) Learning paths

- How does adaptive learning work?
There are two type of adaptive learning systems which works differently and they are based in a different personalization approach.

This contribution will show a successful case of applying adaptive learning into a eLearning platform - NEO LMS.

Keywords: adaptive learning, eLearning, individualized online education, NEO LMS.