COPPLAT
Cooperative Open Personal Platform
for Learning and Teaching

Web 2.0 concepts & tools applied to help knowledge transmission

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01 The problem

Today's students are different:

➔ Their constant exposure of all kinds of information and permanent interaction with digital devices have radically changed their attitude, interests and behaviour towards information and knowledge

➔ Their social / personal characteristics are different:
- Capability of concentration
- Need/capability of performing multiple tasks in parallel
- Gregariousness. Need/capability of constant group interaction
- Expected rewarding cycle of what they do
- …

Education has not gone through a parallel evolution

➔ there is a severe mismatching between how students are and behave today and the existing Learning & Teaching systems

02 The need

➔ Today's education systems have to adapt to the new ways of communicating, interacting and sharing content

Basic components of teaching:

- Motivation
- Guidance
- Evaluation
- Support
- Scaffold
- …

have to be performed in accordance with the new trends, giving a more active role to the individuals participating in the game

03 The context

→ *Emerging trends & tools*

What it is called "Web 2.0" does emphasize the emergence of a set of trends that at the same time are cause of the change and supply of tools for the evolution:

- → Social networking
- → Personal publishing / User generated content
- → Users add value & "teach" the system
- → Frontiers between content producers and consumers are vanishing
- → …

The challenge is

- → to use the same tools that are changing the students …
- → to change the learning & teaching systems

03 The context

→ Permanent evolution – life in the uncertainty

Multiple ways of communicating, sharing information and ideas and generating and escalating proposals … →

→ Users are today participating very actively in the innovation of services and applications addressed to them

Large number of interactions among systems and among them and people … →

→ It is impossible to make predictions beyond trends and evolution tendencies

→ It makes no sense to think of innovating user-related systems without involving these users since the very beginning of the process

04 The strategy
→ *Systems dynamics driven research*

→ It makes no sense to think of research on systems involving user behaviour without allowing these systems and users to freely interact and evolve

→ The times when new services and applications were designed, developed and carefully tested in long development cycles before being made available to users have passed

→ Short cycles that involve users since very early phases,
in what it is called "permanent beta" mode,
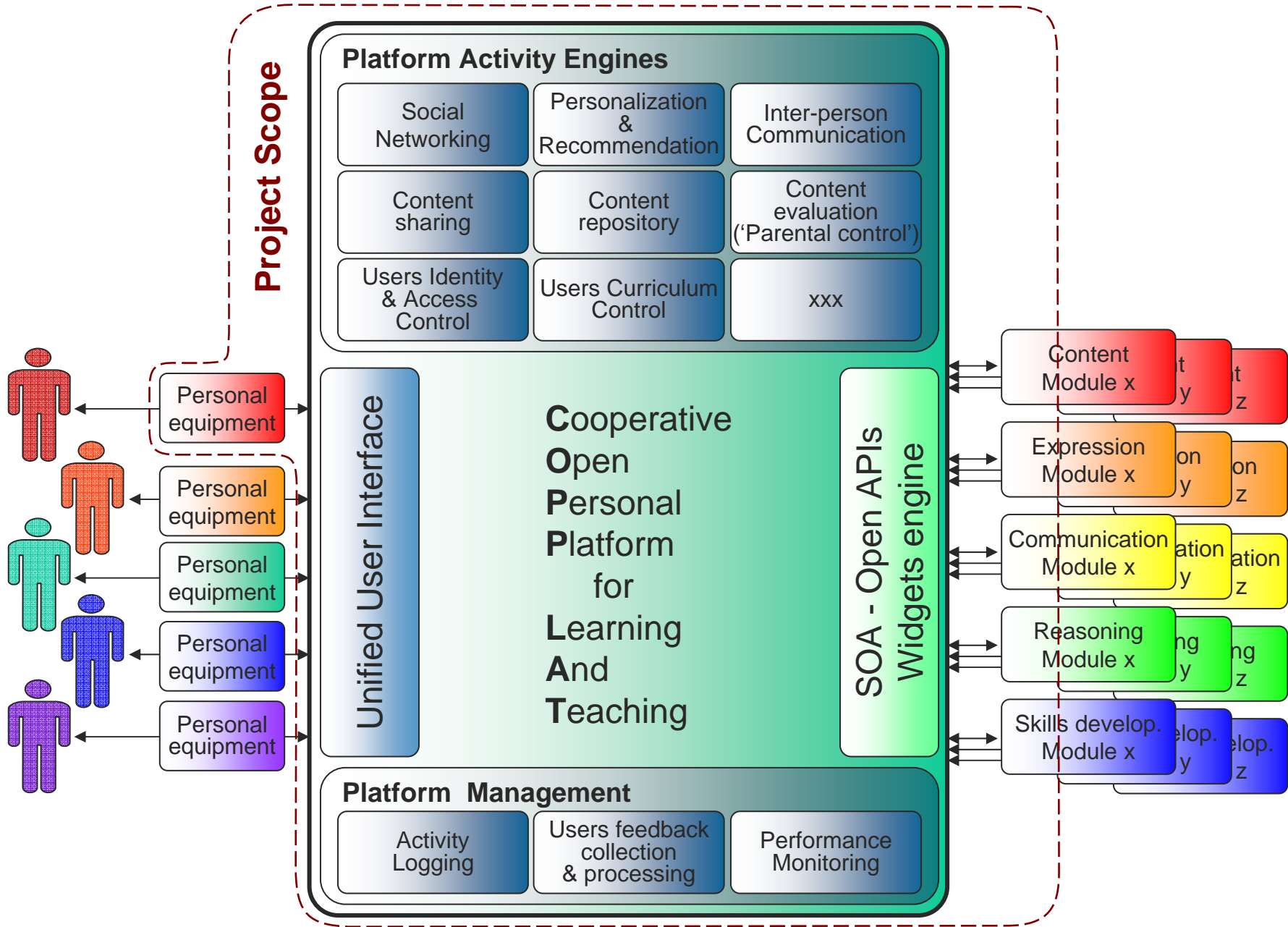is what it is required to operate in this new environment

05 The proposal

→ *Ecosystem framework for the new L&T*

Platform with basic modules to support

- ➔ access by individual users
- ➔ communication in a social network
- ➔ information sharing and knowledge production in a collaborative and participative manner

➔ giving to the users an unified look & feel

➔ keeping track and control about who is doing what when

The ecosystem framework will host

- a growing portfolio of learning and teaching oriented modules developed by a wide variety of contributors

  - ➔ These modules grow and evolve (and in some cases die) with the interaction and the contributions of the platform users (students, teachers and independent contributors)

06 Research areas
→ *Multiple lines of exploration*

Unlike other platforms of social networking and content sharing focused to relationship or just entertainment COPPLAT has a clear objective: → to foster learning and teaching

→ Multiple lines of exploration

- Non IT related
  - → Behavioural research
  - → Social research
  - → Evaluation and performance measurement tools
  - → …

- IT related
  - → User behaviour tracking
  - → Recommendation engines
  - → Content embedding
  - → Identity and reputation control & management
  - → Content evaluation
  - → …

Open to the interests of the participants in the consortium

07 Contact

Telefónica Investigación y Desarrollo

- Xavier Kirchner
  xavierk@tid.es

  Mob +34-676-997-726
  (participating in the information days)

- Begoña Gros
  bgros@uoc.edu