

**...Abstract:**

There is an urgent need in Latin America to address the educational requirements of the 21st century in terms of flexibility, personalization, credentials and inclusion, thereby aligning with UNESCO's goals for quality education and those for equal access. To tackle these issues in synergy with business network the YachaY project proposes to establish a unified electronic portfolio system that suits Latin America's needs, develop a portable profile system to facilitate the personalization of learning, create guidelines and virtual courses aimed at teaching staff on the creation of customizable content in order to make it easier for students to choose their learning format and way that suits their needs and preferences, also providing a monitoring system to increase the quality level of university education; promote the flexibility of university curricula, facilitating the empowerment of students in the design of careers adapted to their needs and preferences in synergy with the productive system and labor market through a learning path recommendation system, and establishing a unified credentialing system, fostering university / labor market interoperability. We present a big picture and each of the components of the system, highlighting in some cases the defined use scenarios to finally briefly describe its architecture.

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