

Synchronous Distance Learning Platform: School goes Home in Haemophilia

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Current trends in the technology information domain go towards the multimedia and networking technologies. Immerse in this information revolution era, education is one the areas with greater impact, with richer and more expressive models to represent the contents (images, sounds, video), with the elimination of distances between the sources and the information consumers and with the possibility to receive updated knowledge in fast and inexpensive ways. On the other hand, our social collective groups member with limitations to regularly attend the school, which severe reflex in the learning rhythm and in social integration with mates. In this work we report a software platform for synchronous distance learning, that makes possible the presence of teachers in the student house, deploying the same class, in the same horary, with the same mates, through the internet. Thus the working scenery is a normal student room, in which some students are present and some others are virtual students with interactive presence that allows to participate, being interrogated by the professor, and maintaining a fluid communication with partners. Several important technical aspects has been solved using public domain components: web-browsers, blackboards, on-line messaging –chats, forums-, and real time sound delivery. All these components has been integrated in a user friendly environment with database history record of use, and interface customisation for different age-levels. The participation of learners, psychologist, computer-science technicians and teachers has allowed a very simple but powerful way to integrate our children in the educational circuit.