





















Observations (1)

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 An important aspect for classification of the quality of courseware is the degree of <u>economic professionalism</u> of the organizational environment where courseware is used. There are considerable differences between using courseware in a commercial organization where the potential students are involved in the production process of the company, and in a school setting where achieving "good" quality teaching and learning is the general aim.

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Observations (2)

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 Businesses once they commit to the use of courseware will demand that a product is tailor-made for their circumstances. Thus courseware used in a business setting is normally a product of "demand" whilst in the formal education setting the software used, if used, is often a product of "supply", that is a piece of software exists and is then taken up by the institute for its use.

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Observations (5)

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- 3. Within the development team rather <u>different disciplines</u> are needed; for example marketing analysts, project managers, user (organization)s, subject matter experts, educational technologists, system engineers, programmers, writers and editors, publishers, Graphic designers, publishers. Communication among the different disciplines can prove to be difficult as people have to learn to do this. The leading role of the project manager of such a team is difficult. He/she needs the characteristics of a <u>director or producer</u> of artistic projects such as a strong image of the product aimed at and the power to convince the team of their ideas. She should be able to be responsible personally for the quality of all aspects of the design contributed by the different disciplines.
- 4. The development of educational and instructional materials for all traditional and technological media is generally not based on economics but on idealism and the ambition of teachers, trainers and educational specialists. Only the production and distribution of the materials is planned commercially by publishers for the open market. Tailor-made instruction and courseware is mostly, as yet, not commercially successful for the user and provider. <u>Measurement of success is difficult</u>.

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Observations (6)

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From these observations of some factors causing failure rom these observations of some factors causing failure and poor success in multi-disciplinary professional courseware projects the hypothesis is derived that the development process should be considered as part of the <u>complete life cycle</u> of courseware, i.e. the trajectory from the first identification of an educational problem upto the distribution and implementation of a product. Considering the life cycle of only the modelling or the realization (authoring) process on an isolated way is realization (authoring) process on an isolated way is insufficient.

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Intermezzo

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Recent experience with e-larning in India Jan-Feb 2010.

Kalyani 100 km north of Calcutta, West Bengal.

















Chapter 4

- Way of thinking: why, what, how; roles in team; director
- Way of modelling: context, subj matter, engagement

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- Way of working: project managementWay of controlling: quality assurance methods
- Way of supporting: tools and communication between disciplines (film industry)

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Next week

One student will present the summary of todays lecuture

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