

Developing a usable educational Web Portal

- Identify target audience
 - interest group
 - student
 - school
 - college
 - university
 - teachers
- Defining priorities
 - Services
 - Consultation
 - Email
 - point of reference
 - Online library
 - Search engines
 - Content
 - Provider
 - content delivery
 - learning platform
 - developer
 - learning solution
- Information structure
 - The assembly of the collective whole or the intergration of technological application
 - globe, book, s/w application, musical, exhibition, template
 - map,paragraph, music score, painting, layout, web page, signage system
 - The organization of the procduts of information arts, or the arrangement of information structures
- Information arts
 - schematic
 - sentence
 - sound
 - image
 - sketch

- The thoughtful arrangement of data
 - Design
 - Identity
 - the look and feel
 - branding
- What you see is not Everything you get
 - form follow function
 - effective interface design
- What you see is what you get
 - visual and physical manifestation
- Application
 - User and user task analysis: Characterizing target audience eg. age, education level etc.
 - Functional Analysis: identify functionality eg. education site; your site will need a search function capability.
 - Requirement analysis: formal specification required to implement any system including website
 - Setting usability specification: Number of task to be carried out, first impression, overall satisfaction etc.
 - Design: Decide on the organization and appearance of your website.

Reference:

1. Mok, C. (1996). *Designing Business - Multiple Media, Multiple Discipline*. Adobe Press : San Jose, California.
2. McCracken, D.D & Wolfe, R.J. (2004). *User-Centered Website Development - A Human-Computer Interaction Approach*. Pearson Education Inc.: New Jersey.