

Characterization of the two foci of ICS and ITA

The following table proposes a characterization of the focus of ICS. This characterization represents a refinement of the technology focus (ICS) as described in the project proposal.

Focus of ICS

Expert-based development process						Resulting product / service	
Planning	Requirements		Produce design solutions		Evaluate designs against requirements		Introduce and operate the system
		Understand/specify context	Specify requirements	Design	Implement Develop		
e.g., <ul style="list-style-type: none"> o review similar systems and products reg. techn. characteristics o ... 	e.g., <ul style="list-style-type: none"> o describe technical environment o describe physical environment o ... 	e.g., <ul style="list-style-type: none"> o specify technical requirements (e.g., multi-modality, interoperability, conformance with WAI guidelines,...) 	e.g., using <ul style="list-style-type: none"> o design methods (like U²ID at FORTH) o prototyping o interface design patterns o known architectures (like U²IA at FORTH) o design tools o general design guidelines (e.g., UD principles) o specific guidelines for the design of accessible online courseware. 	e.g., using <ul style="list-style-type: none"> o development tools for e.g., coding, configuration management, knowledge management o prototyping o styleguides o ... 	expert-based evaluation, e.g., <ul style="list-style-type: none"> o against guidelines like WAI o heuristic evaluation o against technical requirements o for feasibility studies 	(e.g., technical introduction)	Rather technical characteristics, e.g., <ul style="list-style-type: none"> o Technical description of the product / service o Architecture o Type of interface adaptation o Degree of multi-modality reg. I/O o Compatibility / interoperability reg. assistive technology or diverse operating systems o Benchmarking results technical characteristics

