Co-reflection: User Involvement for Highly Dynamic Design Processes

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Co-reflection: User Involvement for Highly Dynamic Design Processes
Co-reflection: User Involvement for Highly Dynamic Design Processes
analyzing

validation

society

integrating

vision

doing

analyzing

Hummels & Frens, 2008
reflective transformative design

- vision
- motivational drives
- doing
- integrating
- analyzing
- validation
- society
reflective transformative design

- vision
- validation
- integrating
- analyzing
- doing

- bigger world
- play-s serious
- individuality
- profiling
- group pressure
- freshmen's
- transforms
- society
- analyzing
- more on your own
- group pressure
- geographic
- travel time
- reference
- school
- more
- serious

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analyzing

doing

integrating

analyzing

vision

validation

society

strategy drives

reflective transformative design
reflective transformative design

- doing
- integrating
- analyzing

- vision
- motivational drives
- validation
- society
Co-reflection: User Involvement for Highly Dynamic Design Processes
Can we reflect together with the users?
analyzing
vision
validation
integrating
doing
analyzing
user involvement
How we can reflect on the strategy about design action?
How we can reflect on the strategy about design action?
How we can reflect on the analytical process?
How we can reflect on the analytical process?
How we can reflect on creating a vision?
How we can reflect on creating a vision?
Co-reflection: User Involvement for Highly Dynamic Design Processes
Constructivist exploration

Society  Designer
Constructivist exploration

Society  Designer
Users generate the information by themselves allowing designers to reflect about their transformative vision.

The designer does not suggest elements, allowing designers to reflect on explorative actions and procedures.

Argumentation allows for knowing, allowing designers to reflect on their analysis and abstraction strategies.
Co-reflection: User Involvement for Highly Dynamic Design Processes
co-reflection
co-reflection

exploration + ideation = co-reflection
exploration + ideation + confrontation = co-reflection
Example:

The “Active Explorers” educational system brings goal-oriented search a step further by constraining the perceptive world to one sense (sight, sound, smell, touch, kinesthesia) and a limited amount of actions.

It enhances engagement and inquisitiveness through role-playing in line with the active learning paradigm.
exploration

reenacting the experience
ideation

objects to trigger new realms

core-reflection examples
confrontation

experiencing low-fi prototypes
Example:

The “Sense6” service focuses on learning by doing.

It explores non-obtrusive feedback on action through the connection between senses (synesthesia).

“Sense6” is a sharing platform for skateboarders where feedback on action is not only used to improve your technique but also to teach other people new tricks without the need of being there.
confrontation

exploration

ideation

analyzing

confronted vision

constructive integration

social phenomena exploration

re-enacting the experience

build upon a vision

relating values to behaviors

co-reflection examples
exploration

reenacting the experience

cor-reflection examples
co-reflection examples

relating values to behaviors
co-reflection tools

confrontation

build upon a vision
Co-reflection: User Involvement for Highly Dynamic Design Processes
confrontation

exploration

ideation

confronted vision

expressing low-fi prototypes

build upon a vision

doing

constructive integration

objects to trigger new realms

relating values to behaviors

analyzing

social phenomena exploration

reenacting the experience

conclusions
confrontation

exploration

ideation

confronted
vision

constructive
integration

analyzing

objects to trigger new realms

relating values to behaviors

fantastic storytelling

experiencing low-fi prototypes

contextual use of an artifact

build upon a vision

comparing related situations

narration

reenacting the experience

social phenomena
exploration

constructions

society

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Developing co-reflective sessions means creating dynamic and holistic tools that can adapt to an unstructured process.

Co-reflection sessions can grow in complexity in relation to the phase of the design process.

Co-reflection sessions allow designers to tighten user involvement to their reflective action.
Thank you

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