

Stages of LbD (according to Raij 2014,15)	ePortfolio practices
A. Perceiving a phenomenon; collecting and processing data; sharing experiences	<ul style="list-style-type: none"> Gathering information of the phenomenon in the portfolio Sharing the portfolio with the guiding lecturer
B. Reflecting on and interpreting the meaning of knowledge; comparisons with earlier experiences	<ul style="list-style-type: none"> Sharing the portfolio sites created to other students Reporting the reflection in the portfolio
C. Defining a development project; identifying and describing activities	<ul style="list-style-type: none"> Defining or linking the project plan in the portfolio Defining the learning outcomes to be assessed
D. Acquiring new tools as concepts and instruments for doing	<ul style="list-style-type: none"> Reporting and reasoning what tools have been acquired Listing tools, articles, summaries of theoretical knowledge etc.
E. Cooperating by creating something new. Developing functional and problem solving skills	<ul style="list-style-type: none"> Saving all personal project outcomes and those created together if agreed Reflecting one's role in producing the common project outcomes Discussing the project online or reporting the discussions in memos etc.
F. Assessment of the processes of a task and one's own learning processes	<ul style="list-style-type: none"> Reflecting the project Assessing role-specific learning outcomes Lecturer's comments on how the project is proceeding
G. Sharing experiences and testing their meanings	<ul style="list-style-type: none"> Sharing memos from the discussions in the team
H. Identifying acquired competences and the levels of knowing, understanding, doing and situation management	<ul style="list-style-type: none"> Summary of what has been learned versus what should have been learned (in relation to assessment criteria)
I. Producing new knowledge of and for practice; assessing the effects of the development project	<ul style="list-style-type: none"> Reporting final project outcomes Reflection on the learning process, learning and how to utilize the outcomes Adding feedback in the portfolio
J. Sharing and duplicating outcomes; exploiting outcomes	<ul style="list-style-type: none"> Sharing access rights to the portfolio or making it (or parts of it) public

Table 1. A summary of how ePortfolio can be utilized in the different phases of LbD (Nykänen & Lehtilinna 2018).