APPENDIX C

Empirical Investigation: Participant Suggested Enhancements for Interactive Framework

(1) Ability to “star rate” the quality of designs and individual classes within a design.

(2) Ability to isolate individual classes according to specified attributes and methods.

(3) Ability to isolate individual classes “similar” to specified attributes and methods. Perhaps a measure of “similarity”, or “distance” between designs in the search space, so that could request to isolate individual classes, say, 80% similar, to specified attributes and methods.

(4) When viewing saved designs, ability to view the information associated with a design e.g. quality star rating, reasoning for selection etc.

(5) Record when design has been reviewed (as part of associated information).

(6) Ability to review / list designs in the portfolio sorted by star rating or other various attributes.

(7) In a “find me…” screen, need to add a “remove” button as well as the “add” button.

(8) Ability to name and save a selected (isolated) class.

(9) In a “find me…” screen, ability to see selected classes, and then find all designs that contain the selected class.

(10) In a “find me…” screen, ability to combine classes with (AND) selected attributes and methods, possibly AND with 80% similar.

(11) Ability to identify (and tag?) one or more classes that appear to map onto an emerging concept (although the attributes and methods may not be identical) – then use an agent to work out the similarity between the emerging concept classes and apply this to the other classes in local search zone populations.

(12) Ability to identify (and tag?) (or inject?) emergent patterns of classes, and same as above.

(13) Ability to “on-the-fly” (i) drag ‘n’ drop attributes / methods from one class to another, (ii) combine two classes into one, and (iii) split one class into two.
(14) Ability to add an “Ahh-ha! Moment” (perhaps a recognition, an insight, or a learning) on a class, design, zone or any other aspect of the episode at any time to the episode log.

(15) Ability to view 2 or more designs at the same time side by side.

(16) When recording an “Ahh-ha! Moment”, software should record the zone and design automatically.

(17) Better auto layout of design.