Odpovedniky – REPOT in IS

Adapter
    - Adaptee – third party providers of services
    - Adapter – Information system REPOT interface which would process the information and send it to adaptee

Composite
    - Component – Question, composite – Question, leaf – Answer
    - We are taking into account subquestions in parent questions

Flyweight
    - Answers – multichoice – at least yes / no will be present several times in composite leaves
    - maybe Question templates – as we would collect only the answer data with reference to question templates

Strategy
    - strategy for different question choosing in different REPOTs
    - basically random generation from the set of provided questions

Builder
    - REPOTs build process as it can contain many different questions and answers

Factory method
    - REPOT for different types of questions – for instance, multichoice REPOT, open questions REPOT, yes/no REPOT, mixture of above with separate specification for each question

Observer
    - subject – REPOT data - model
    - observer – REPOT – presentation for client
- for any change provided on data model – like error correction – there may be possibility to update presentation of REPOTs dynamically – for instance, Students start answering REPOT, teacher finds error in last question – by the time they will get to it, it will be corrected

– – just ideas – –

Iterator
    - different traversing of REPOTs, may use Strategy instead

Visitor
    - may be applicable for presentation of REPOTs in the IS