

Question A

A text with requirements given about the modeling of an EDG of an airline company and its flights

→ create the EDG (1 hour)

→ Some specific parts of the requirements are given (3 requirements)

Are these requirements enforced by the EDG? If not, explain how this can be enforced in another manner. (15 minutes)

Question B

The EDG of a case is given and the OET with the create and end events + requirements of the behavior are given. Each requirement is numbered.

→ Complete the OET and make the FSM's for each object type that does not have a default FSM (1 hour)

→ Give the numbers of 2 requirements that can not be captured by means of an FSM, and write down how you can capture these requirements then (15 minutes)

Question C

A situation is given where a firm needs to develop a software. The enterprise model is largely present. The platform language is relatively new. There are two software developers that are fluent in the language. (15 minutes)

→ Do you deem it feasible to apply a model-based approach to develop the software?