D02 – Domain models Requirements

Requirements for levels C, B, and A

Item 1.   Produce a conceptual model regarding project Acme Handy Worker.

Item 2.   Produce a UML domain model regarding project Acme Handy Worker.

Item 3.   Produce a Java domain model regarding project Acme Handy Worker.

Requirements for level A+

Item 4.   JSON and YAML are simple object-specification languages. They are becoming industry standards to de/serialise objects very easily.

   a.   Provide a sample JSON or YAML specification that allows to create a web of domain entities. Note that a web of domain entities involves entities that reference each other; implementing such references in JSON or YAML is a challenge.

   b.   Implement a utility that reads a JSON or a YAML specification, creates the corresponding web of objects in memory, and prints them out on the screen. Explore a class called "SchemaPrinter", which is distributed with your project template; it helps pretty print arbitrary objects out.

   c.   Write a report regarding how you've satisfied this requirement. Make sure that you clearly describe how you deal with object references.