

1: Conceptual Schema

- Points: 20
- Assignment:
 - **Create a diagram of an ER conceptual schema** of your individual topic
 - It must contain all the following constructs:
 - At least 5 **entity types**
 - **Attributes** of all kinds (ordinary, structured, multivalued)
 - **Identifiers**
 - At least 5 **relationship types** with **cardinalities** specified, each used at least once (*1..1, 0..1, 0..N, 1..N*)
 - **Recursive relationship type**
 - **Ternary** (or even more complicated) **relationship type**
 - **ISA hierarchy** with constraints specified (*complete/partial, exclusive/overlapping*)
 - **Weak entity type**
 - **Provide a textual description of your individual topic** in a natural language
- Requirements:
 - Each entity type must have at least one identifier
 - You may not use artificial identifiers (e.g. automatically generated integer ids) unless necessary
- Software:
 - [Creately.com](https://creately.com) - Entity Relationship Diagrams
 - [Draw.io](https://draw.io) - Blank Diagram, Entity Relation Shapes
- Conventions:
 - Relationship type cardinalities *1..1* may be omitted
 - Underline identifiers