**Course code: INFS1603**

**Tutorial session (**T18A**):**

**Week number (**Week 3**):**

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**Student Solution(s):**

Homework 2 (Due in Week 3)

Given the description of the processes at Automata’s purchasing department, implement the following

1. Identify all of the main entities

Inventory, Suppliers

1. Identify all of the relations and connectivities among entities

The items inside the inventory are related to items provided by the suppliers, where:

* For each instant inside the Suppliers table, we have one linked instant inside the Inventory table
* For each instant inside the Inventory table, we have many (one or more) linked instants inside the Suppliers table

1. Create an ERD based on the Chen’s notation

Diagram

Description automatically generated

(rids the need of a multi-valued attribute)