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CIS 310-01

17 Feb 2021

The Jawnsons Lab 2

5. To keep track of office furniture, computers, printers, and other office equipment, the FOUNDIT Company uses the table structure shown in Table P6.5.

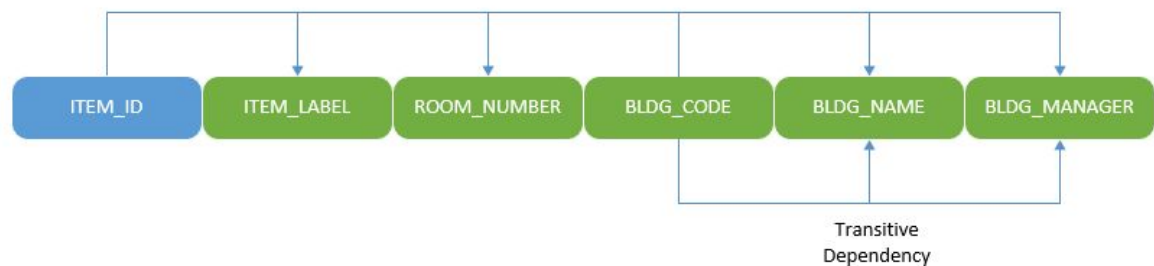
Table P6.5

ATTRIBUTE NAME	SAMPLE VALUE	SAMPLE VALUE	SAMPLE VALUE
ITEM_ID	231134-678	342245-225	254668-449
ITEM_LABEL	HP DeskJet 895Cse	HP Toner	DT Scanner
ROOM_NUMBER	325	325	123
BLDG_CODE	NTC	NTC	CSF
BLDG_NAME	Nottooclear	Nottooclear	Canseefar
BLDG_MANAGER	I. B. Rightonit	I. B. Rightonit	May B. Next

- Given that information, write the relational schema and draw the dependency diagram. Make sure that you label the transitive and/or partial dependencies.
- Write the relational schema and create a set of dependency diagrams that meet 3NF requirements. Rename attributes to meet the naming conventions, and create new entities and attributes as necessary.
- Draw the Crow's Foot ERD.

- Relational Schema:** ITEM_ID, ITEM_LABEL, ROOM_NUMBER, BLDG_CODE, BLDG_NAME, BLDG_MANAGER

Dependency Diagram:

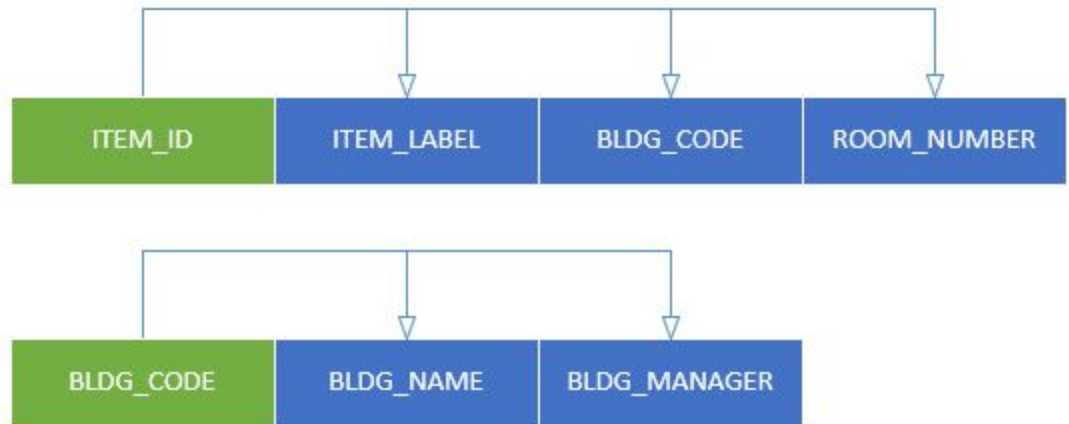


b. **Relational Schema:**

Item: **ITEM_ID**, ITEM_LABEL, BLDG_CODE, ROOM_NUMBER

Building: **BLDG_CODE**, BLDG_NAME, BLDG_MANAGER

Dependency Diagram:



c.

