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Database Management

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### Lab 7

1. Its a good first step, but the spreadsheet could use some work. Thats why I am here so no worries.

2.

Package ID	Tag Number	Install Date	Software Cost USD
AC01	32808	09-13-2005	754.95
DB32	32808 37691	12-03-2005 06-15-2005	380.00 380.00
DB33	57772	05-27-2005	412.77
WP08	32808 37691 57222	01-12-2006 06-15-2005 05-27-2005	185.00 227.50 170.24
WP09	59836 77740	10-30-2005 05-27-2005	35.00 35.00

3. The primary key is Package ID.

4.

Package ID	Tag Number	Install Date	Software Cost USD	Package Name	Model
AC01	32808	09-13-2005	754.95	Zork	IBM
DB32	32808 37691	12-03-2005 06-15-2005	380.00 380.00	Portal	Apple
DB33	57772	05-27-2005	412.77	Hogwarts	Dell
WP08	32808 37691 57222	01-12-2006 06-15-2005 05-27-2005	185.00 227.50 170.24	Jungle	Sony
WP09	59836 77740	10-30-2005 05-27-2005	35.00 35.00	Primrose	Lonovo

5. Package name is partially dependent on package ID. Model is partially dependent on Tag Number. Install Data is partially dependent on package ID and tag number.
6. This table is not in third normal form because there are multiple key dependencies.
7. The primary keys are Package ID and Tag Number.
8. Package Name is dependent on Package ID. Model is dependent on Tag Number, and Install Date and Software Cost are dependent on both Package ID and Tag Number.
9. These tables are in third normal form because there are no multiple key dependencies.