

Introduction to Information Systems

Assignment 2

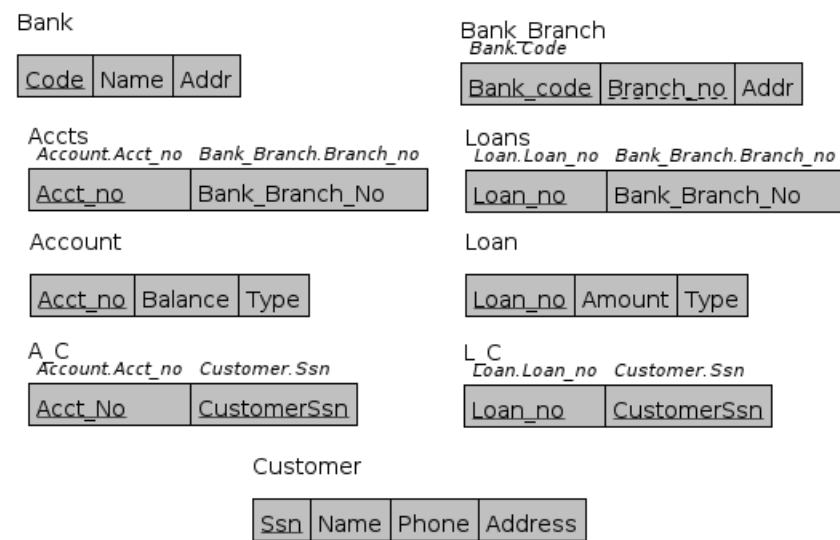
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Note for exercise two

We have handed in the wrong image last week, and we do not have the image we handed in for assignment 1, exercise 2. We have cropped this from the previous report.

We wish to apologize for the quality and note that the original spacecraft entity was not copied correctly, and had no key attribute. We considered the *Model Number* to be the key attribute in the mapping (as it was supposed to initially).



Created by EntityRelationMappingEditor

Figure 1: Exercise 1

Spacecraft

Model Number	Name	Weight	Delta V
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Payload Capabilities
Spacecraft.Model Number

Model Number	Type	Capacity
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Solid Fueled
Spacecraft.Model Number

Model Number	Fuel Duration	Chemical Compound
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Cargo Carrying
Spacecraft.Model Number

Model Number	Cargo Capacity
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Liquid Fueled
Spacecraft.Model Number

Engine Configuration Tracked.Surrogate Key

Model Number	Liquid Fuel Name	Oxidizer Chemical	Engine Config Tracked Key
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Crew Carrying
Spacecraft.Model Number

Engine Configuration Tracked.Surrogate Key

Model Number	Crew Capacity	Engine Config Tracked Key
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Engine Configuration Tracked

Surrogate Key	Total Thrust
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Installed
Engine.Serial Number *Engine Configuration Tracked.Surrogate Key*

Engine Serial Number	Spaceship Surrogate Key	From	Until
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Engine

Serial Number	Thrust
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Created by EntityRelationMappingEditor

Figure 2: Exercise 2

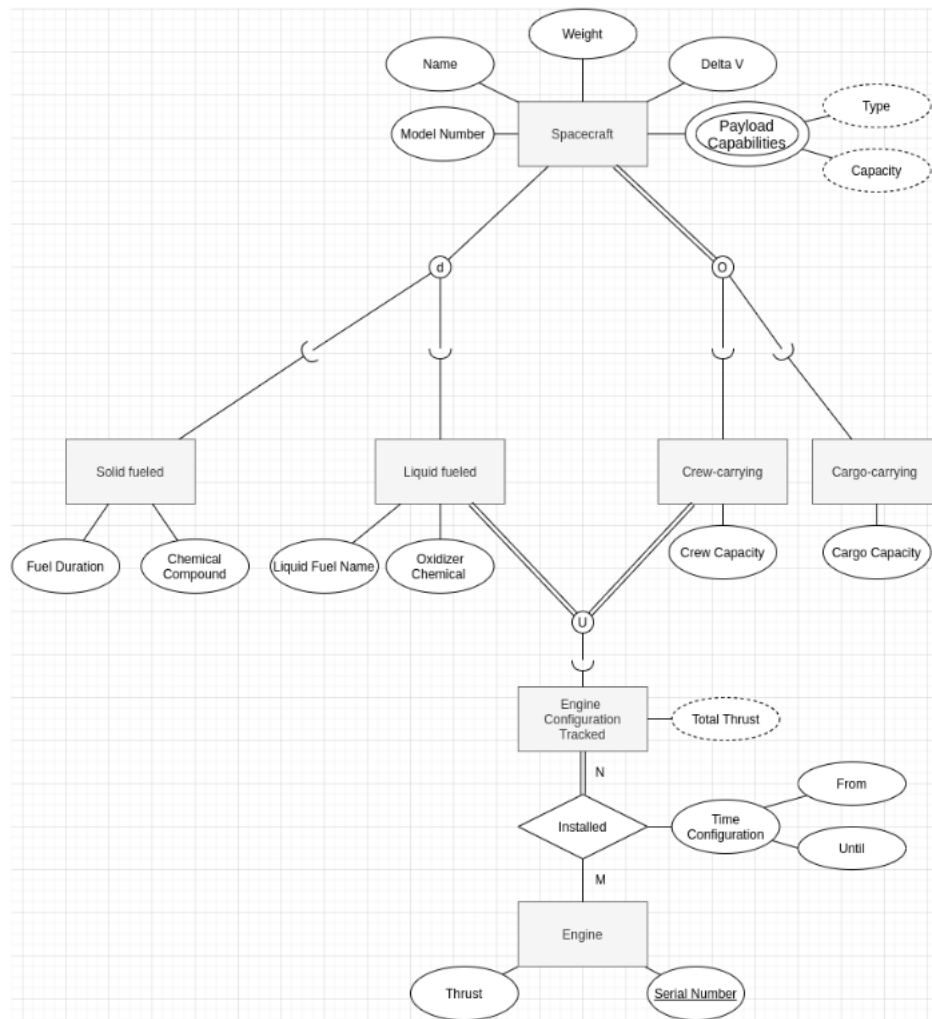


Figure 3: Original EER Model