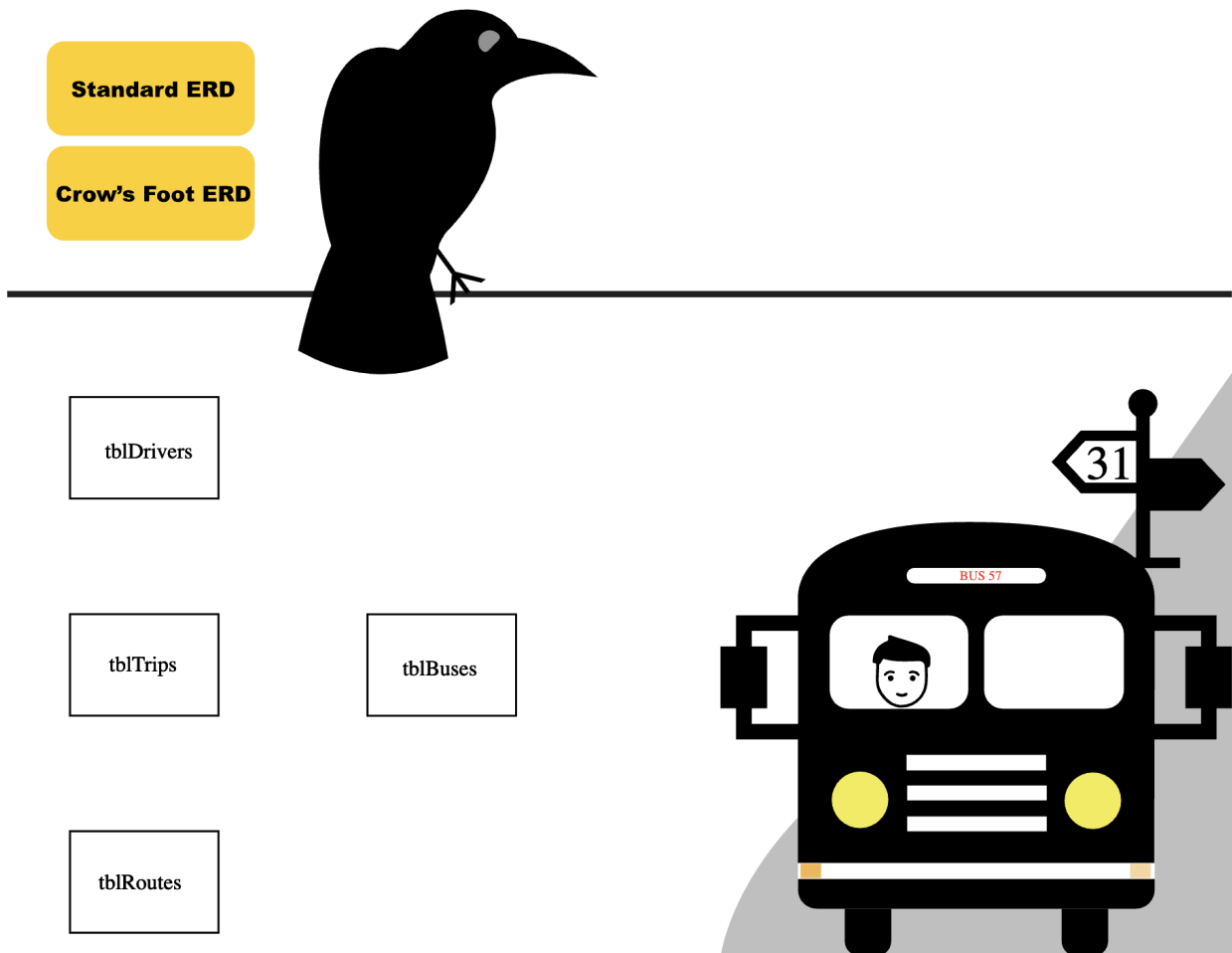


ENTITY RELATIONSHIP DIAGRAMS



Task 1

The video introduces the Crow's Foot method of drawing the type of relationship between entities in an Entity Relationship Diagram.

For each relationship, draw the corresponding Crow's foot style relationship line

Cardinality ¹	Cardinality Symbol (Crow's foot)
1-to-1	
1-to-Many	
Many-to-Many	

¹ Cardinality is the type of relationship between entities.

Task 2

Explain what the following entity relationships are expressing.

Task 3

So, **cardinality** is the type of relationship between entities.

Modality describes the necessity of the relationship between entities.

There are 2 types of modality covered in this course:

- Open (*optional*) Relationship
- Mandatory Relationship

For each of the following scenarios, choose the correct modality and write it in the box:

Scenario	Modality
A Trip needs a Route . A Trip cannot exist without a Route.	
Actors can star in TV Shows . But they don't have to. They might star in Films instead.	