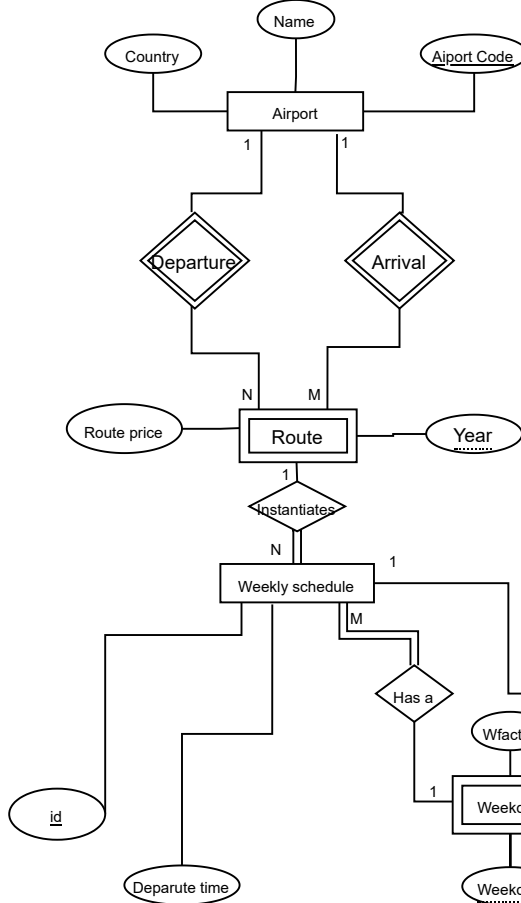
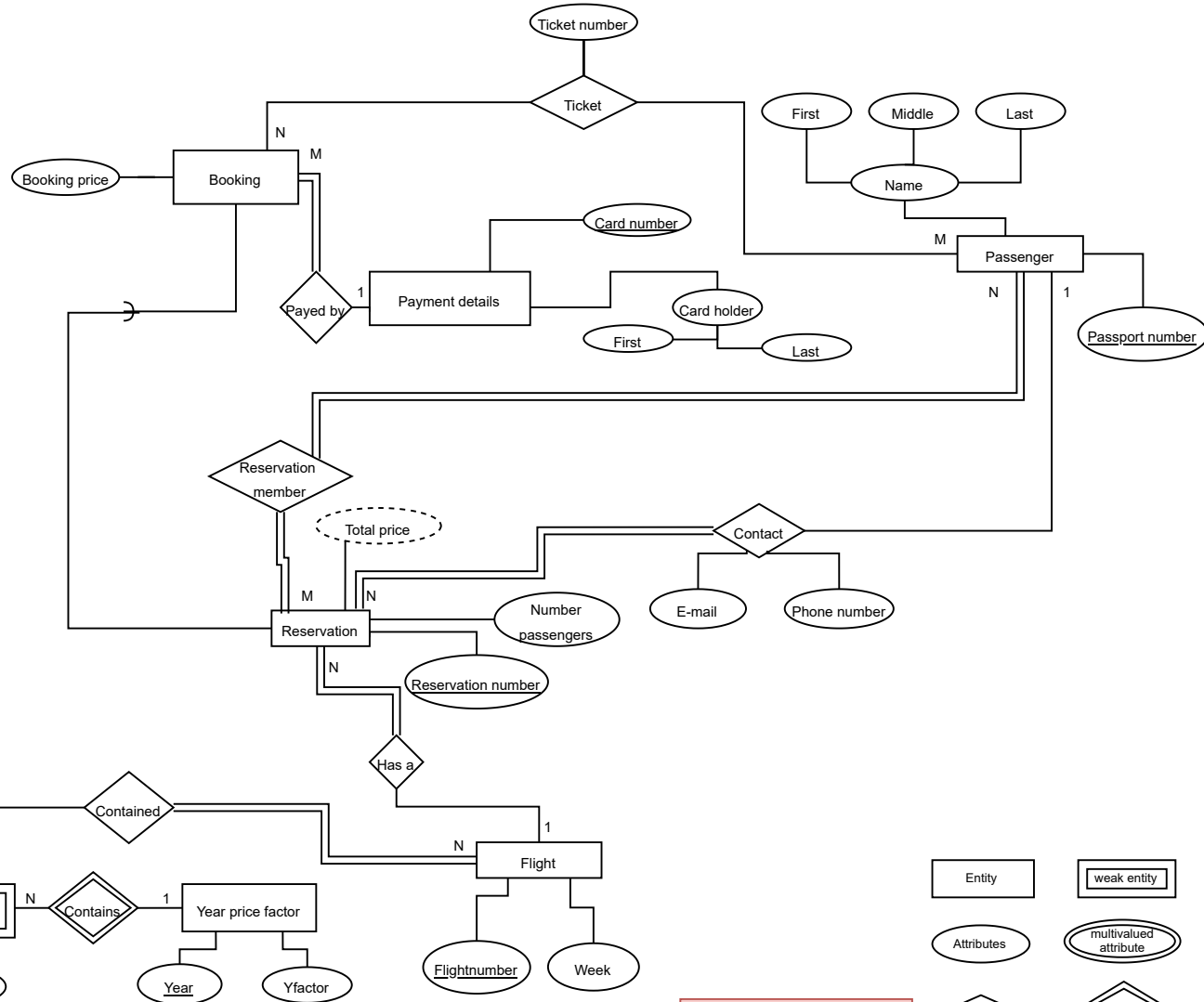


<b>Assignment #:</b>	4
<b>Description:</b>	EER Model
<b>Students:</b>	Carl Terve Mattias Erlingsson
<b>Gitlab URL:</b>	<a href="https://gitlab.liu.se/mater915/db/-/tree/master/lab4">https://gitlab.liu.se/mater915/db/-/tree/master/lab4</a>



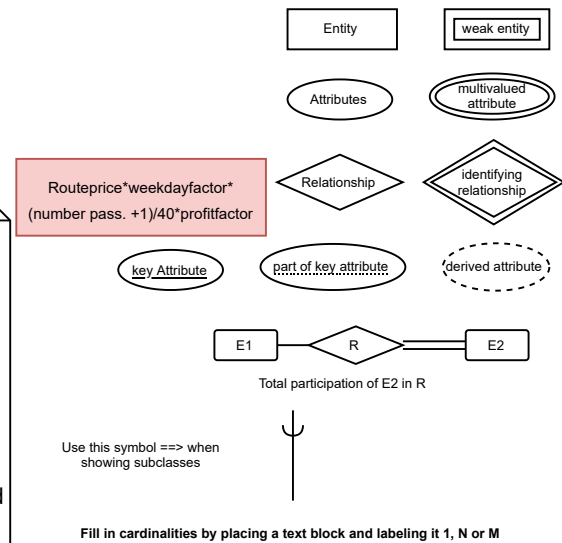
## Assumptions

1. Assumes that a weekly schedule tuple may contain a flight leaving at the same time several times a week.
2. Assumes that a passenger can be a contact for several reservations and that their E-mail/phone number can be different for each reservation.
3. Assumes that a passenger can have several passports (more than one citizenship) and therefore several passport numbers
4. Assumes that two or more flights can leave at the same time and fly between the same airports.



**Note:**

1. This template contains two pages (EER Model, Relational Model, see the bottom of the editor window).
2. Fit each diagram on one page, preserve the page size.
3. Fill out the header at the top left corner on both pages.
4. Keep the diagrams clean, i.e. shapes and lines should not overlap, maintain optimal distance between the objects, etc.
5. Save a working copy as an XML .drawio file to be able to correct the diagrams in the future.
6. To submit the diagrams, they must be exported and uploaded to Gitlab as a PDF file (File->Export as->PDF->All pages).



Use this symbol ==> when showing subclasses

Fill in cardinalities by placing a text block and labeling it 1, N or M

Assignment #:	4
Description:	Relational Model
Students:	Carl Terve Mattias Erlingsson
Gitlab URL:	<a href="https://gitlab.liu.se/mater915/db/-/tree/master/lab4">https://gitlab.liu.se/mater915/db/-/tree/master/lab4</a>

airport		
airport_coc	country	name

<b>route</b>			
<u>year</u>	route_price	<u>departure</u>	<u>arrival</u>

weeklyschedu					
id	year	day	departure_time	arrival	departure

<b>Booking</b>		
<u>booking_</u> <u>number</u>	card_ number	booking_ price

<b>Ticket</b>		
ticket_ number	<u>booking_ number</u>	<u>passport_ number</u>

<b>Payment details</b>		
First name	Last name	<u>Card number</u>

passenger			
first_name	middle_name	last_name	passport_number

<b>reservation member</b>	
<u>reservaton number</u>	<u>passport number</u>

<b>contact</b>			
<u>reservation_number</u>	passport_number	email	phone_number

reservation		
number_of_passengers	<u>reservation</u> <u>number</u>	flight

<b>weekday</b>		
<u>year</u>	<u>day</u>	weekday_factor

<b>yearpricefactor</b>	
<u>Year</u>	year_factor

<b>flight</b>		
<u>flight_number</u>	week_id	week

