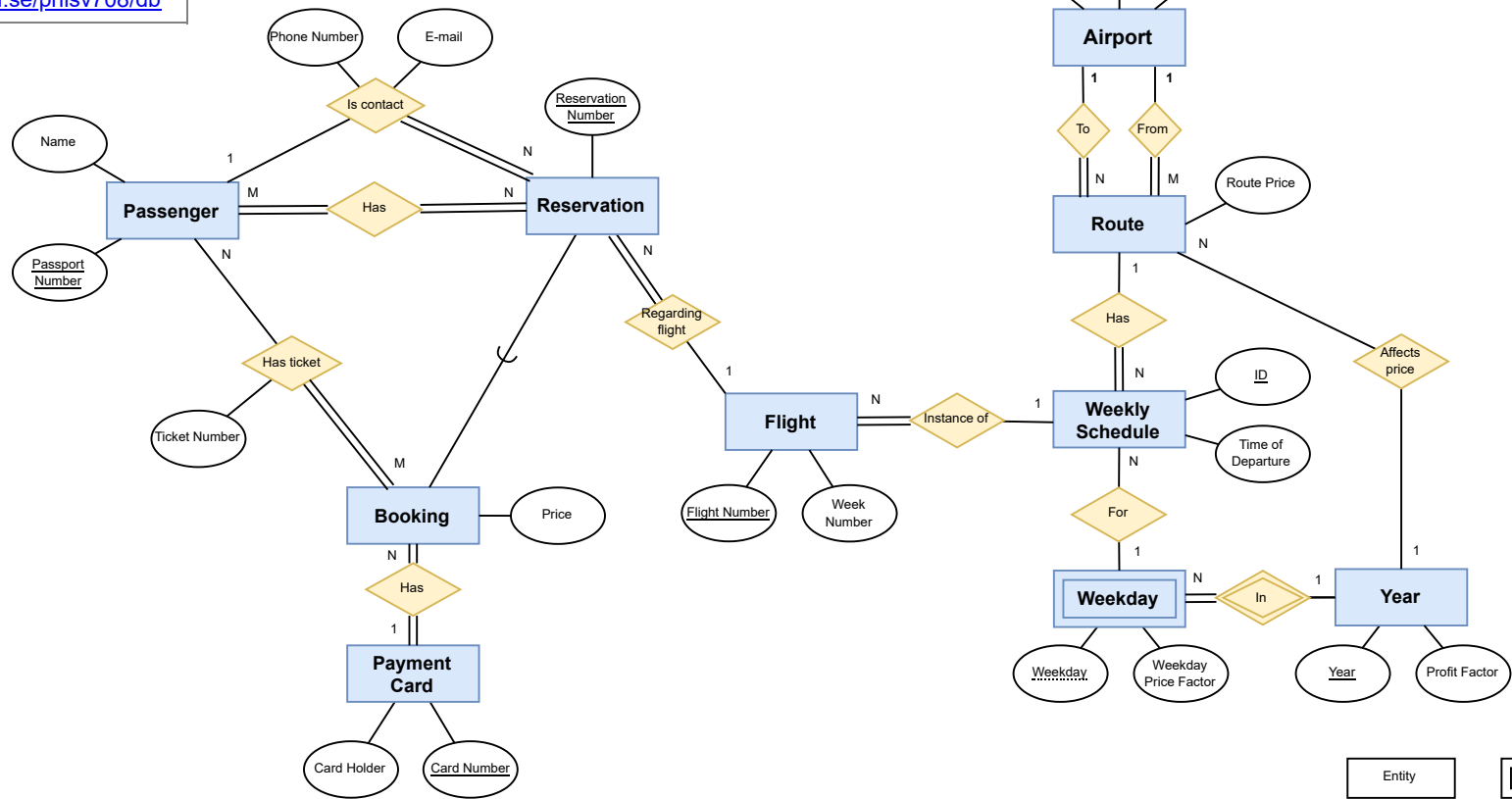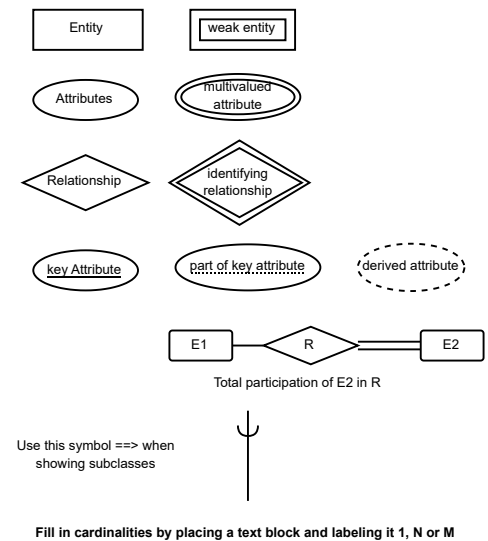| Assignment #:	4b
Description:	EER Model
Students:	Philip Svensson Mohammed Al-Hashimi
Gitlab URL:	https://gitlab.liu.se/phisv708/db

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).

Notes:

1.

Entity

weak entity

Attributes

multivalued attribute

Relationship

identifying relationship

key Attribute

part of key attribute

derived attribute

E1 — R — E2

Total participation of E2 in R

Use this symbol ==> when showing subclasses

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

Assignment #:	4b
Description:	Relational Model
Students:	Philip Svensson Mohammed Al-Hashimi
Repository URL:	https://gitlab.liu.se/phisv708/db

Airport

Code	Name	Country

Route

ID	To	From	Year	RoutePrice

WeeklySchedule

ID	Route	TimeOfDeparture	Weekday	Year

Weekday

Weekday	Year	WeekdayPriceFactor

Year

Year	ProfitFactor

Flight

FlightNumber	WeeklyFlight	Week

Passenger

PassportNumber	Name

Has_Reservation

ReservationNumber	PassportNumber

Reservation

ReservationNumber	FlightNumber

Booking

ReservationNumber	CardNumber	Price

Payment Card

CardNumber	CardHolder

Has_Ticket

ReservationNumber	PassportNumber	TicketNumber

Is_Contact

ReservationNumber	PassportNumber	Phone Number	E-mail