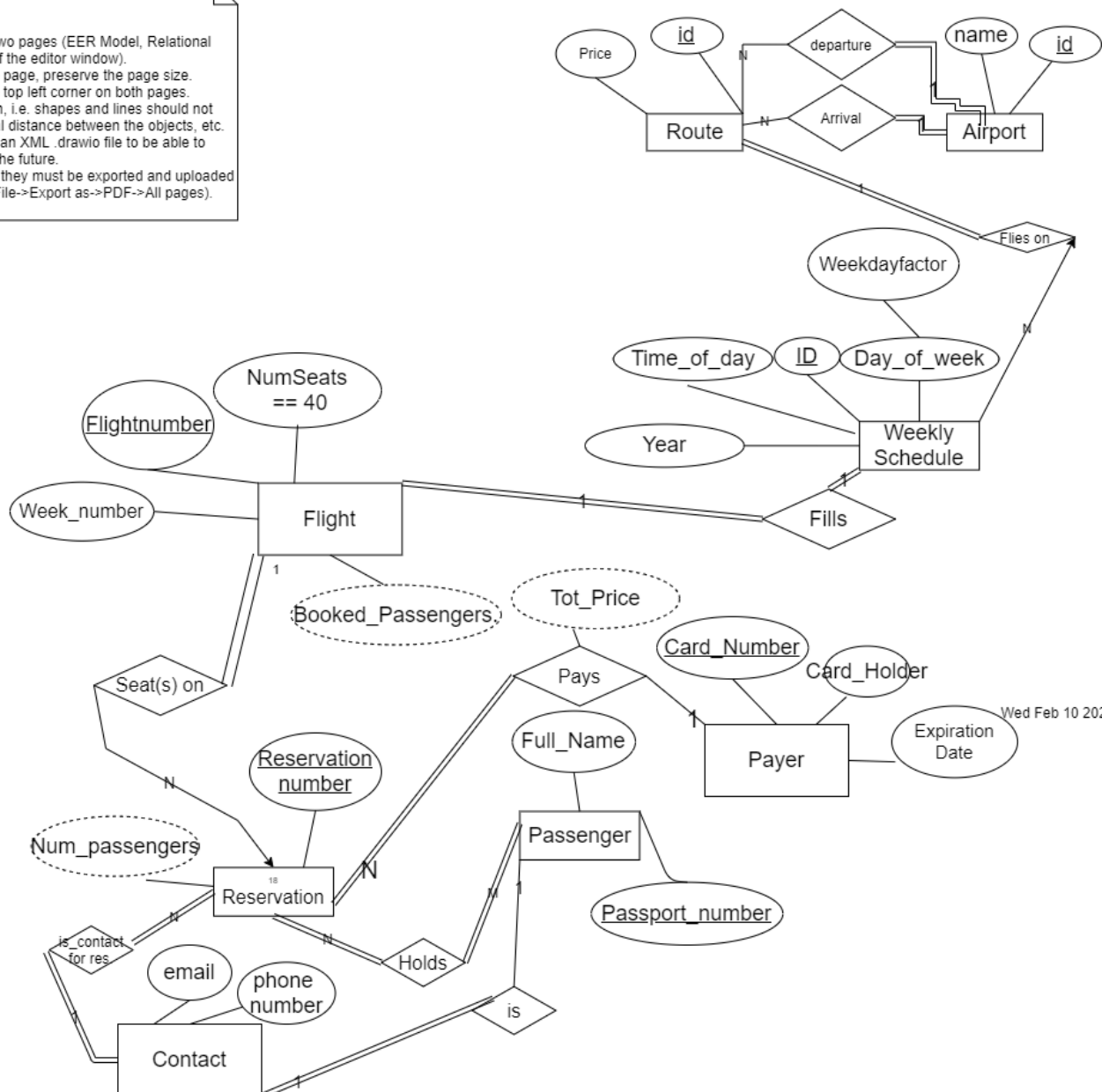| Assignment #:	2
Description:	EER Model
Students:	Isak Berntsson Arvid Kronvall
Gitlab URL:	https://gitlab.liu.se/arvkr827/db/-/tree/master/lab4

- Assumptions:
- A route has to contain exactly 1 departure & arrival, but an airport can be included in 0 or many routes
- 1 Weekly flight need exactly 1 route, but 1 route can be included in different weekly flights.
- Number of passengers per reservation can be calculated by the number of passengers per reservation - Derived attribute
- Card Numbers along with Card Holder and Expiration Date creates a unique primary group.
- If the company would buy a nother airplane model, it is possible. We created the constant attribute: NumSeats = 40

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).

Wed Feb 10 2021 14:54:32

Route

id	price	arrival	departure

Airport

id	name

Weekly Schedule

ID	Time_Of_Day	Year	Day_Of_Week	Route

Flight

Flightnumber	Week_number	num_seats == 40	weekly_schedule_id

Weekdayfactor

Weekday	factor

Holds

Reservation_Number	Passport_Number

Passenger

Passport_Number	Full_Name

Reservation

ResrvationNumber	Payer	Number_Of_Passengers	Flight

Payer

Card_number	Card_holder	Expiration-date

Contact

Phone_number	email	Reservation_number	Passenger_passport_number