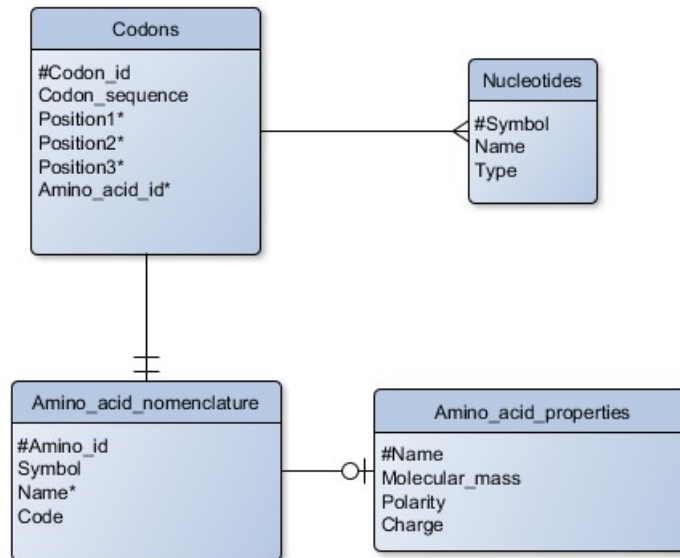# INF115 Oblig 2
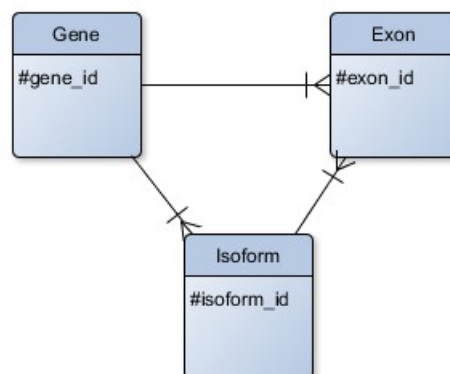
Eirik Suther

Oppgave 1

Oppgave 2

1) Genes, Exons, Isoforms.
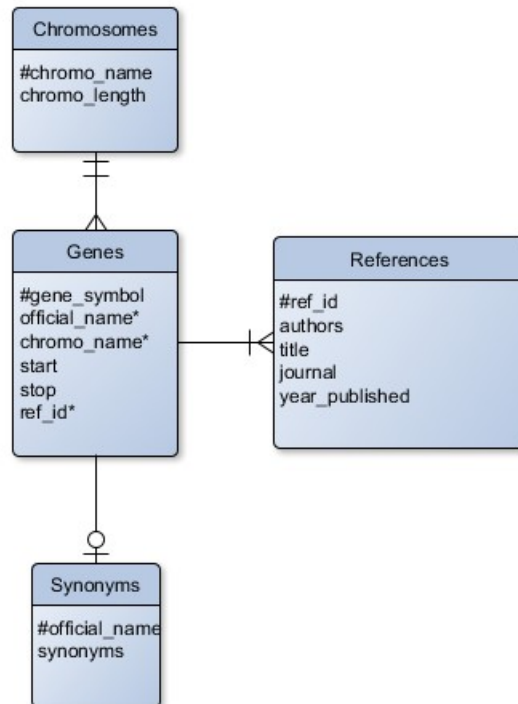

2)

3) Genes(#gene_id, chromo_name, isoform*, exon* start, stop)
   Isoforms(#isoform_id, exon*)
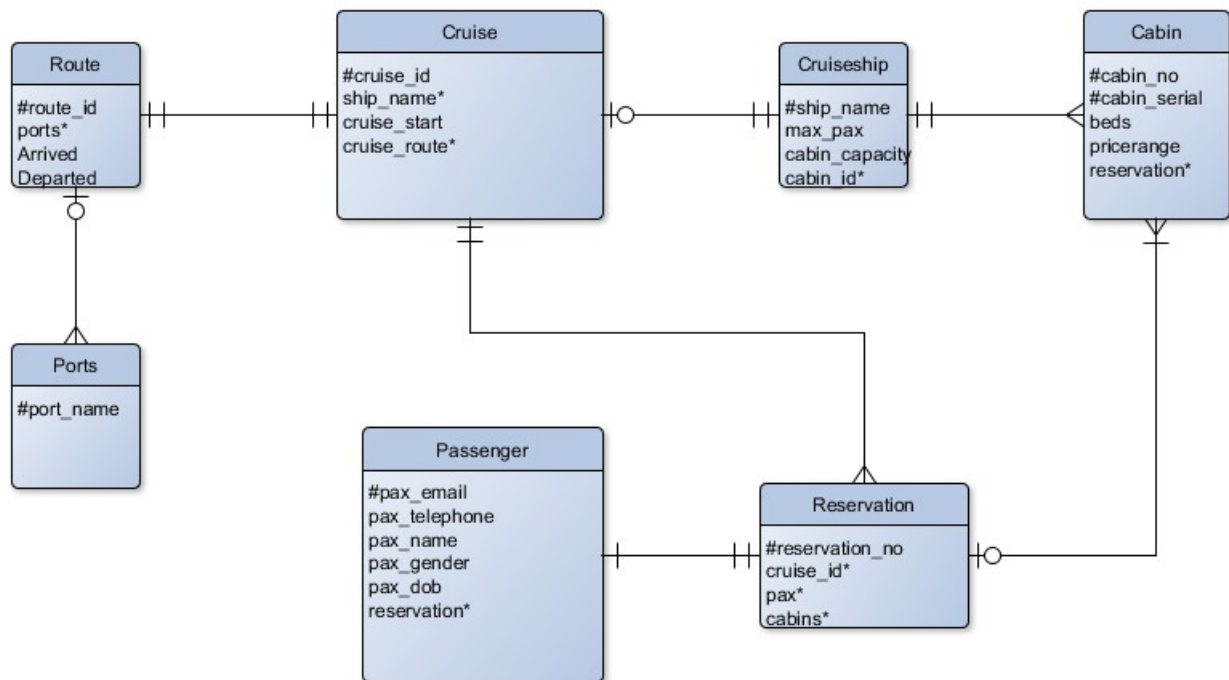   Exons(#exon_id, start, stop)

Oppgave 3

1) References, Genes, Chromosomes, Synonyms

2)

3) Genes(#gene_symbol, official_name, synonyms, chromo_name*, start, stop, ref_id*)
References(#ref_id, authors, title, journal, year_published)
Chromosomes(#chromo_name, chromo_length)

4) Genes(#gene_symbol, official_name*, chromo_name*, start, stop, ref_id*)
Synonyms(#official_name, synonyms)
References(#ref_id, authors, title, journal, year_published)
Chromosomes(#chromo_name, chromo_length)

Oppgave 4

Oppgave 5

1) No primary key has been specified.

2) Registration_number -> Registration_year
   Model -> Maximum_weight

3) Registration_number

4) Container_type(#Type_id, Type_name, Max_weight, Cubic_quantity, Nightly_rate)
   Container(#Container_number, Type_id*)
   Customer(#Telephone_number, Address)
   Assignment(#Assignment_number, Telephone_number*, Container_number*, Start_date, End_date)
   Truck(Registration_number, Registration_year, Model*, Assignment_number*)
   Truckspecs(#Model, Maximum_weight)