Graphical user interface, text, application

Description automatically generated

* Jet2Holidays, a lot of the tabs along the top are out of scope
* How they’re build, why they are build the way they are
* Autocomplete seems to be relevant.

Graphical user interface, text, application

Description automatically generated

Just get it listed, can be reworked over time

Maybe names can be quite descriptive. Address vs airport\_address

Consistency in naming conventions is important

Picking lots of “columns” is better than picking too little, as you can discard stuff not necessary as time progresses

* Airports entity likely (airport)
  + airport\_name
  + airport\_code (3 letter code)
  + gps\_lat
  + gps\_long
  + address (naïve) more there obviously – could be entity
    - postcode, address line 1 etc
  + region
  + city
* Route
  + Departure\_airport
  + Arrival\_airport
* Resorts
* Graphical user interface, application

  Description automatically generated
  + Resort\_name,
  + Description,
  + Region
  + Country
* Hotel
  + Hotel\_name
  + Location – naïve possibly
  + Star\_rating – enforce range (1-5 eg)? – another entity maybe?
  + Price\_per\_night
  + Coach\_transfer
* Board
  + Board\_name
  + Board\_description
* Room
  + Room\_name
  + Sleeps\_min
  + Sleeps\_max
* Facilities
  + Facility\_name
  + Facility\_description

Note: package holidays add some complexity over something like Airbnb. How can we scope down the flying aspect

Week 1 Thursday lecture 02:19:00 in recording had some info about scoping of various sub systems

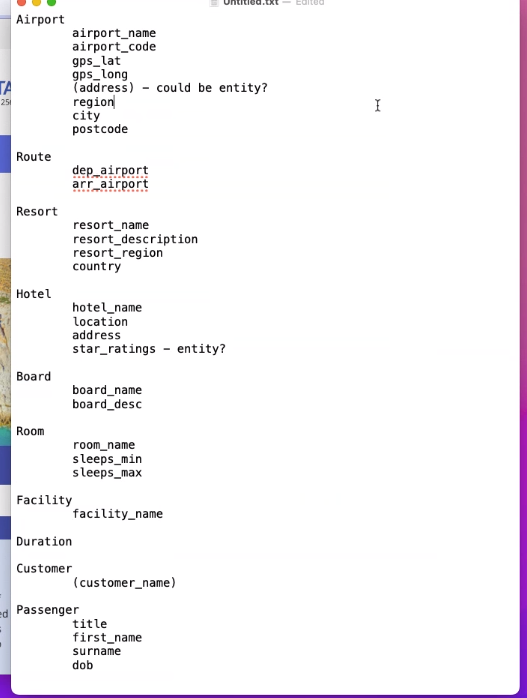
Anything where there is an upsell – just ignore.

Aircraft seats, meals etc, forget about it

Hotels, resorts, flights yes, lots of other upselling and extras, don’t worry.

Covid nah, travel insurance nah… kids clubs, terraces sure.

* Duration
  + ????
* Customer
  + Customer\_firstname
  + Customer\_surname
* Passenger
  + Title
  + First\_name
  + Surname
  + Dob



DROPDOWNS, SEARCHES, FORMS, SCREAMS DATABASE. It has to be backed by data (entity attributes)

Design decisions are variable, but how you justify it or explain it is where the marks come from.