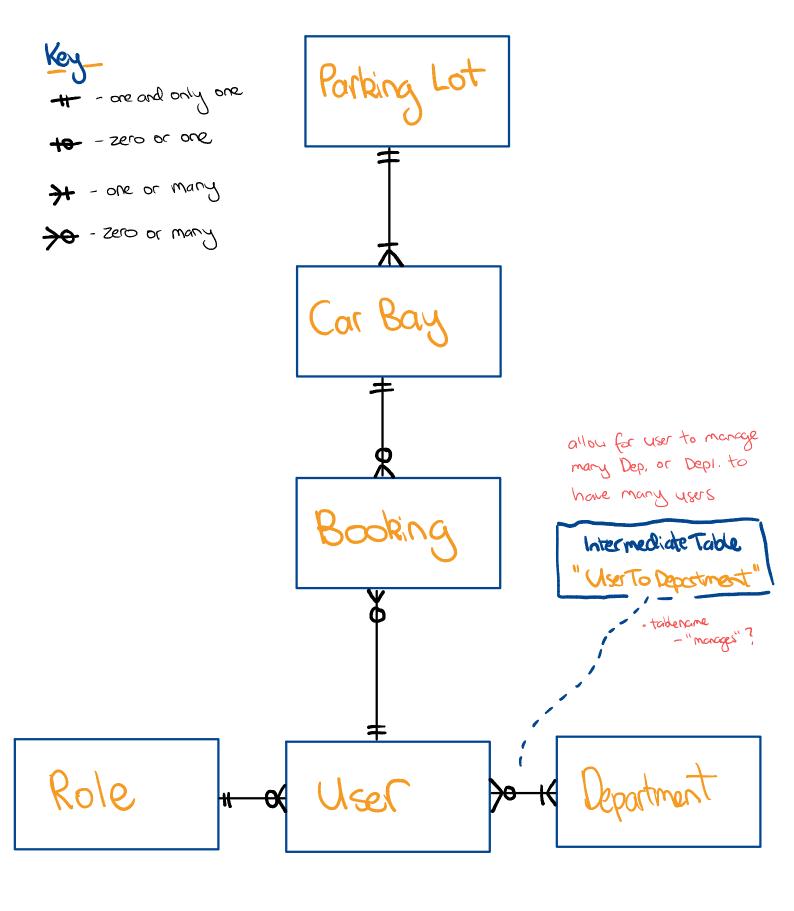
UniPark Booking - Dortaboose Design

High Level



Parking Lot Model

Parking Lot
int id PK
int lot number
int latitude
int longitude

Car Bay Model

Car Bay
int id PK
int bay number
int latitude
int longitude
int parking bt id FK

Booking Model

Booking int id PK str reference code datetime date int timeslot start int timeslot end str quest name str cas rego NULLARLE int car boy id FK int user id FK

* Bays can only be reserved between 9am - Spm, Man - Fri
Divide 9-Spm into 32, 15min churchs

· Leave 2 churches (30 mins) either side of booking

User Model

User int id PK str email str password hash str first name str last name int role id FK int department id FK

Role

Role
int id PK
str name
bool default — the for only to
int permissions — powers of 2

Department

Department

int id PK

str name

- find out if departments divided into lower levels eg Department -> School ->?

- possibly get list from client?

Manages

Manages

int id PK

int user id FK

int department id FK