

Notes on ER Diagram for D2

For simplicity, some tables will be pre-filled so that in your software you do not need to program an interface to create or change the data. The instructor assignment to work ours was somewhat simplified.

Note the implied workflow for the processes of registration, assigning of instructors and cars, booking and billing.

- Client: stores the clients' information
- Type: information about the type of instruction that is available (pre-filled). Clients select which instruction they wish to enroll for when they register.
- Document: documents will be held outside of the DB but linked. Documents may be of type 'bill' or 'certificate'. They are provided to clients over time by the administrators, available when the client has logged in.
- Admin: contains both admins and manager (pre-filled)
- Timeslot: is created by admins a month or more in advance, key is id+time together so that for each time, the id counts through the available slots at that time (e.g., only one per time on Saturday and up to four during the week)
- Instructor: contains all four instructors (pre-filled)
- Car: contains all five cars (pre-filled)
- Appointment: this is the appointment that a client books and for which an instructor leaves notes on how the driving went
- Assign: Instructors indicate for which timeslots they are available or not available by creating assignments. These get confirmed by admins. Admins link cars to the instructors for a given time (= their assignments). Once a confirmed instructor and a car is available for an assignment, it can be offered to the clients to be booked.