

## PAID parking project (by SMS)

1. Create the database schema for
  - a. registering payments \*
  - b. checking whether a plate number is paid for in the current time \*
  - c. list all plate numbers to expire soon (5 minutes) \*
  - d. do analytics and reporting
2. Create quick interface queries (stored functions?) for 1.a, 1.b and 1.c
3. Create queries for 1.d
4. Test the above

A few things to look after

1. Subscription
2. Non-overlapping of payment intervals
3. Business/non-business hours during the week

Pure SQL/PL/pgSQL only