

Possible fields

Lot Name
Lot Latitude
Lot Longitude

Lot Type

Restricted

Permit Type

Permit Color

12AM
1AM
2AM
3AM

11AM
12PM
1PM

11PM

Separate table for keeping track of busy hours

Lot Color — reference for the map polygons?

Available On Game Day

By T.R.K.

Possible Database Software sources

- XAMPP — cannot be used on Raspberry Pi, CPU architecture not supported.
 - may use this for local DB & DBMS if Raspberry Pi does not work.
- LAMPP — possible for Pi implementation
- Oracle DB — requires X86 architecture and is a resource hog.
- MySQL will be used → easiest to implement on Pi.
 - no need to run local apache2 server → DB and DBMS are only requirement
 - PHP interpretation? → will add just in case

Materials Required

- Raspberry Pi
 - if not feasible/implementable → will use personal laptop and redesign database implementation.
- SD Memory card
 - at least 16GB
- External Flash-drive
 - to hold database tables
- External keyboard & mouse
- Monitor
 - HDMI cable