

## **Assumptions for SmartParkingSystem**

Assumptions made during design and implementation:

1. License plates are assumed to be unique identifiers for vehicles.
2. Parking sessions start when the vehicle enters a spot and end when it leaves.
3. In calculating the fee of the session, time is rounded up. (e.g., 1 hour 10 minutes is billed as 2 hours).
4. Parking spots are represented with an array in the Parking Lot to enforce this fixed size.
5. A vehicle must be unparked from its current lot before it can be parked in any other lot.