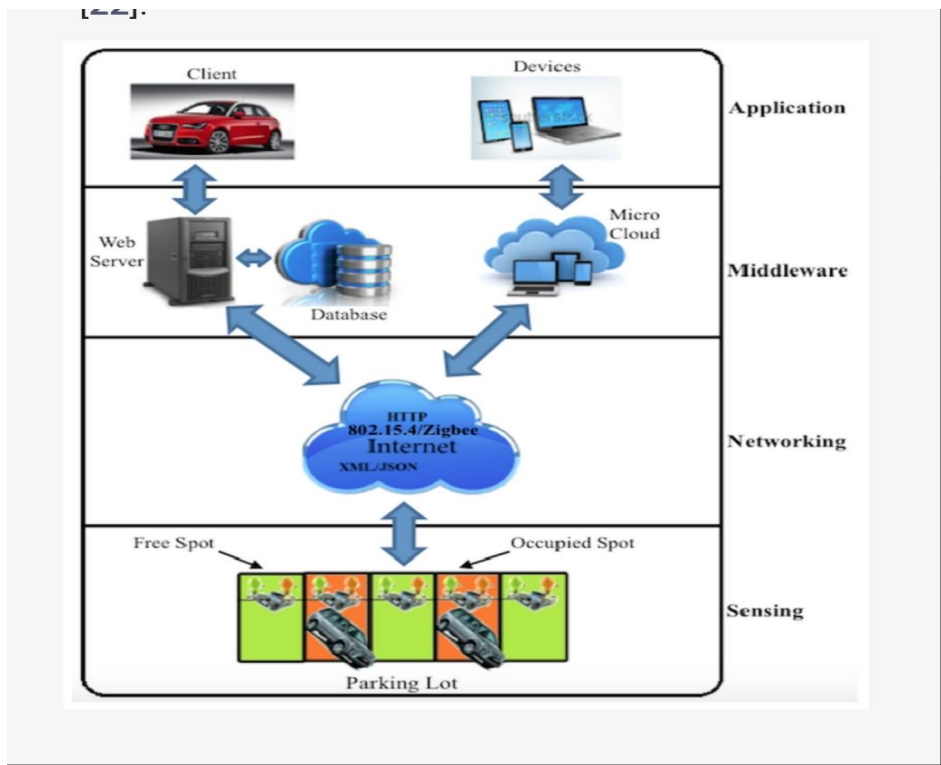


Solution Architecture:

| | |
|---------------|--|
| Date | <u>16-oct-2022</u> |
| Team ID | PNT2022TMID17404 |
| Project Name | <u>Smart Waste Management System For Metropolitan Cities</u> |
| Maximum Marks | 4 Marks |



Key points:

#.Proposal of a smart waste bin based on an IoT approach and the corresponding real prototype.

#.Integration of the smart waste bin with an IoT middleware solution.

#. Creation of a new mobile application and corresponding Web version offering a better interaction with residential users (waste generators)

#.. The remainder of this paper is organized as follows. Section 2 presents related work on waste management, showing the most relevant solutions

#. waste management system currently used in cities still follows an old and outdated model that no longer meets the needs of municipalities

#. It is inefficient and practiced through large fleets of collection trucks that travel daily long distances,