

2G Parking System

2G Parking System is a second generation parking system which is not totally automatic but provides automation in ticket generation and allocating vacant space in the parking area. This system can be completely automatic and multistory as well but at this stage the project can be implemented in metro cities.

The PLC used for automation in 2G Parking System is Allen-Bradley Micro Logix 1400*. All automation tasks are performed by the PLC and at times the PLC can generate a particular output depending on the input to the computer. Along with the PLC, MS-EXCEL VBA Application is also used to run and execute a Excel Program. This excel program finds the vacant place in the parking area and automatically allocates that area to a car.

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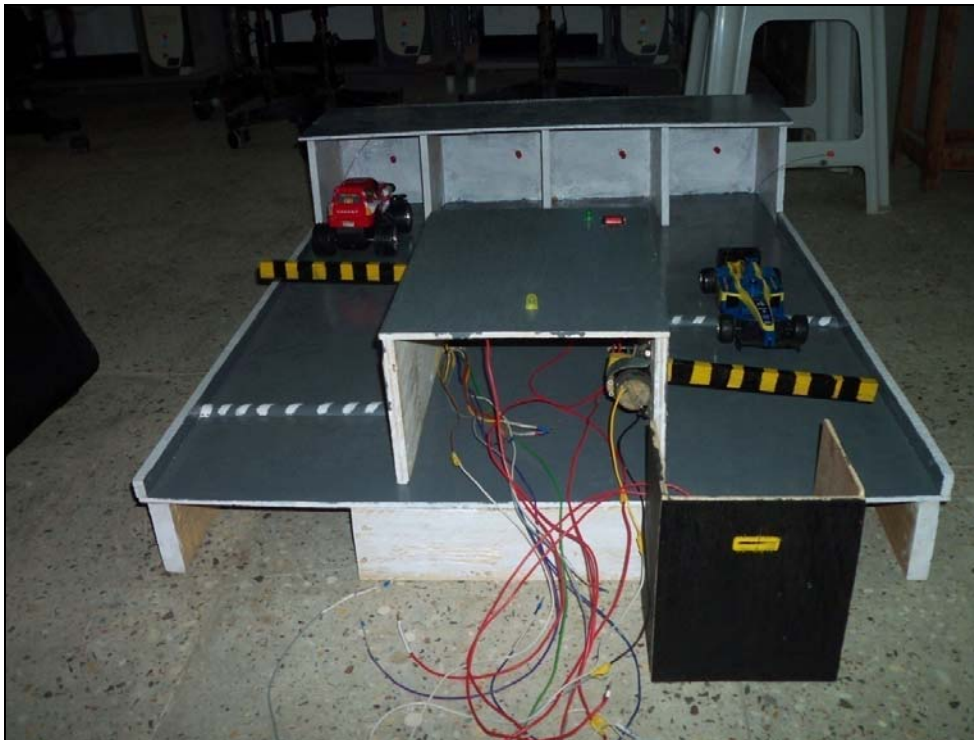


Fig-3: 2G Parking System