CHAPTER FIVE

CONCLUSIONS AND RECOMMENDATIONS

5.1   Conclusions

At the end of this research, we get a safe and secure vertically automated rotate parking system (hardware and simulation). In small area contains a lot of cars vertically, few minutes for parking car (parking process time).

Also this system saves time spend in searching for empty parking slots and time spend in searching the parked car. Also has an electrically cost comparing with traditional parking systems

5.2   Recommendations

Finally, the our recommendations are:

1. Android application connected with APS to attach parking   stage from any place wherever you are.

2. Wireless communication system with an internet server connected and synchronous to submit the report about the system status (the garage is full or not).

3. Design center management system to manage the number of parking stations. And control many systems of APS using one microcontroller and one operating system.

4. Vehicles communication parking network – system software to calculate the nearest free parking (Routing for selection of the best parking).

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