Software Engineering

Potential projects

1. POS simulator
2. ATM simulator
3. Automated performance appraisal system
4. Automated Leave Management System
5. Automated Recruitment management system - Resume scanner
6. Crowd management at POS terminals in a retail store
7. A simple CRM software
8. Automated transport management system (for educational institutes)
9. Automated "No Dues" software
10. An online food delivery system
11. A cab aggregator system
12. A simple text editor
13. "Perishables" management system (at retail stores)
14. Attrition analysis system (for any organization)
15. Conference room booking system
16. Market research software
17. Survey software (Conducting online surveys and publishing results)
18. Student attendance management system
19. "Helping hands" software
20. Customer Loyalty software (for a specific domain like retail)
21. Waste management system (selling and making money out of waste)
22. Waste management system (picking up waste and optimization of use of vehicles, etc)
23. File carver software – carving out .BMP and .JPG files from a system dump.
24. An implementation of the "ls" command (on UNIX) with most of the command line arguments supported.
25. Email attachment extractor – when a new email arrives, automatically extract attachment(s) if any and save on the local file system.
26. Plagiarism detector (for C programs)
27. System performance tracker (on a Windows system) – CPU Usage, Memory usage, HDD, WiFi, etc.
28. Automated toll booth simulator