Queue Management System –

A **queue management system** is used to control queues. Queues of people form in various situations and locations in a queue area. The process of queue formation and propagation is defined as queuing theory.

QMS consist the following:

1. Users Management
2. Automatic Queue Handling
3. Statistic Reports
4. Users Management:
5. User Permissions
6. Group Management
7. Automatic Queue Management
8. Generation of numbers
9. Daily databases creation
10. Send customers to the clerk positions
11. Clerk user is a station ( User types )
12. Clients don’t need to login – getting a number from the system
13. Statistic Reports
14. Who is the fastest clerk
15. Handling time for client.
16. ……

Missions:

1. Designing the databases
   1. Daily tables - Queue Like – FIFO ( mysql based )
   2. Users table
2. Manage Screens – Administrator,Clerk,Client.

Note: The system need to be responsive.

Client get inside to the place, choose the position he needs and get a number on his screen.

On the main screen ( in the place ) there is a number of the client that need to go to the written position.

Clerk Handle number ( Client ) and by click finish he get the next number.( things need to be synchronized with the main screen ).

Every day the numbers initialized.