Project Outline

In this Project, we'll create a waiting room management system in an emergency ward of a hospital.

The WRM class will have following methods.

1. RegisterPatient(id, name, age, bloodgroup): This method will register a patient into your system. The method will create a Patient type object with the information received as parameter.

2. ServePatient(): This method calls a patient to provide hospital service to him/her. In this method, you need to ensure to serve the patient first who was registered first.

3. CancelAll(): This method cancels all appointments of the patients.

4. CancelPatient(id): Cancels the patients with id {id}.

5. CanDoctorGoHome(): This method returns true if no one is waiting, otherwise, returns false.

6. ShowAllPatient(): This method prints all names of the waiting patients in sequential order. It means the patient who got registered first, will come first, and so on.

7. ShowPatient(id): Show patient with id {id}

8. ReverseTheLine(): This method reverses the patient line. It means the patient who got registered last, will come first, and so on.