CLASS DIAGRAM FOR USE CASE: SCHEDULE APPOINTMENT

I_ScheduleAppointment

- + listOfTimeslots: list<Date>
- + tokenNumber:int
- + requestDoctor(doctorName: String): void
- + requestAppointment(timeslot: Date): void
- + sendPatientDetails(patientDetails: String): void
- + display(String): void

C_ScheduleAppointment

- listOfTimeslots: list<Date>
- tokenNumber:int
- scheduler: C_ScheduleAppointment
- + requestDoctor(doctorName: String): list<Date>
- + requestAppointment(timeslot: Date): int
- + sendPatientDetails(patientDetails: String): void
- C_ScheduleAppointment()
- + getInstance(): C_ScheduleAppointment

E Patient

- + sendPatientDetails(patientDetails: String): void
- E_Patient()
- + getInstance(): E_Patient

E_Appointment

- + requestDoctor(doctorName: String): list<Date>
- + bookAppointment(timeslot: Date): int
- E_Appointment()
- + getInstance(): E_Appointment