<<interface>> <<interface>> Printable SkinConsultationManager + print(): String - loadSessionsFromFile(): void saveSessionsToFile(): void deleteAConsultation(String): String - deleteASession(String): void readSessionFile(): void Consultation - saveConsultationsToFile(): void + Consultation(String, Session, Person, Person, double, String, - saveDoctorsToFile(): String F printAllDoctors(): void price: double ⊦ loadPatientsFromFile(): void imagesPaths: ArrayList<String> addANewDoctor(String, String, String, String, String, String): session: Session - printAllPatients(): void notes: String - addNewPatient(String, String, String, String, String, String): String patient: Person · printAllSessions(): void consultationId: String Person - deleteAPatient(String): String doctor: Person readPatientFile(): void Person(String, String, Date, String): hours: double - addNewSession(String, String, String, String, int, String): void date: Date name: String - printAllConsultations(): void time: Date dateOfBirth: Date readConsultationFile(): void tokenNumber: int mobileNumber: String deleteADoctor(String): String surName: String addNewConsultation(String, Session, Person, Person, double, String + print(): String + readDoctorFile(): void + getStringDate(): String + setName(String): void - savePatientsToFile(): void + getSession(): Session ⊦ getAge(): int + loadDoctorsFromFile(): String + getHours(): double + getName(): String + loadConsultationsFromFile(): void + setPatient(Person): void + setMobileNumber(String): void + setHours(double): void + getDateOfBirth(): Date + setConsultationId(String): void + getSurName(): String + getPatient(): Person + getStringDateOfBirth(): String + getTime(): Date + setDateOfBirth(Date): void WestminsterSkinConsultationManager + setTime(Date): void + print(): String + setDate(Date): void WestminsterSkinConsultationManager(): + setSurName(String): void + setSession(Session): void getMobileNumber(): String + getImagesPaths(): ArrayList<String> - patientArrayList: ArrayList<Person> consultationsFile: File + getDoctor(): Person - sessionArrayList: ArrayList<Session> + getPrice(): double + doctorArray: Person[] + setNotes(String): void patientFile: File + getStringTime(): String sessionsFile: File + getNotes(): String consultationArrayList: ArrayList<Consultation> + setTokenNumber(int): void doctorFile: File + setImagesPaths(ArrayList<String>): void + setDoctor(Person): void - addANewDoctor(String, String, String, String, String, String, String): + setPrice(double): void runGUI(): void + getDate(): Date + loadDoctorsFromFile(): String + getConsultationId(): String readPatientFile(): void + getTokenNumber(): int - getPatientArrayList(): ArrayList<Person> readFile(File): void sortDoctor(Person[]): void - addNewSession(String, String, String, String, int, String): void + loadConsultationsFromFile(): void - addNewPatient(String, String, String, String, String, String): String **Doctor** - deleteASession(String): void **Patient** - consultationLineReader(String): void Doctor(String, String, Date, String, String, String, String): - sort(ArrayList<Person>): void + Patient(String, String, Date, String, String, String): medicalLicenceNumber: String F sortSession(ArrayList<Session>): void specialisation: String patientld: String + saveToFile(File, String): void availability: String numberOfConsultations: int + getDoctorArray(): Person[] ~ numberOfDoctors: int numberOfPatients: int FloadSessionsFromFile(): void gender: String + getConsultationsArrayList(): ArrayList<Consultation> + setMedicalLicenceNumber(String): void - addNewConsultation(String, Session, Person, Person, double, String + setAvailability(String): void + getPatientId(): String FsaveSessionsToFile(): void + print(): String + getGender(): String + isDoctorArrayEmpty(): boolean + print(): String + getAvailability(): String + getSessionsArrayList(): ArrayList<Session> + getMedicalLicenceNumber(): String + setGender(String): void saveDoctorsToFile(): String + setPatientId(String): void getSpecialisation(): String + loadPatientsFromFile(): void + setSpecialisation(String): void + strToTime(String): Date + deleteADoctor(String): String printAllConsultations(): void + deleteAConsultation(String): String + isArrayFull(Person[]): boolean - saveConsultationsToFile(): void + getNumberOfDoctors(Person[]): int + printAllPatients(): void - printAllDoctors(): void strToDate(String): Date savePatientsToFile(): void readDoctorFile(): void rintAllSessions(): void - deleteAPatient(String): String FloadFromFile(Scanner, String): void readSessionFile(): void readConsultationFile(): void + lineReader(String): ArrayList<String> + sortConsultation(ArrayList<Consultation>): void

Session

Session(String, Person, Date, Date, int, String):

doctor: Person

maxPatients: int

sessionId: String

currentPatients: int

sessionStatus: String

+ getMaxPatients(): int

+ setTime(Date): void

+ print(): String

+ setSessionId(String): void

+ setMaxPatients(int): void

+ getSessionStatus(): String

+ getStringDate(): String

⊦ getStringTime(): String

+ getDoctor(): Person

+ setDate(Date): void

+ getTime(): Date

+ getDate(): Date

+ getSessionId(): String

+ getCurrentPatients(): int

+ setDoctor(Person): void

+ setSessionStatus(String): void

consultations: Consultation[]

+ setCurrentPatients(int): void

+ getAvailableConsultations(): int

- getConsultations(): Consultation[]

+ addConsultation(Consultation): void

date: Date

time: Date