Class Operation for Healthcare System(HCS)

<<User Interface>> <<Device Interface>> << Business Logic>> **EmployeeInterface** HealthSystemManager Login - Employee_ID: int Employee_ID:int - Employee_Name:String - Patient_ID: int + employeeLogin(): - Employee_Position:String - Employee_Name: String patientName: String + validate(Employee): bool + validate(Employee): bool + validate(login): bool + employeeLogin() + appointment(Make, Change, Delete): void + deletePatientInfo() +permissionCredentials() <<Entity>> <<Entity>> +userLogout() Login Logout + dailySummaryReports() + viewReports() - User_Name: String + timer() - User_Password: String + paymentInformation() + conform(logout): bool + patientChart() + validate(login): bool + doctorAvailability() <<Entity>> <<Entity>> <<Entity>> **DoctorAvailability PatientAppointment PaymentInformation** doctorName(): String doctorName(): String amount(): double date(): int paymentType(): String - date(): int - referenceNumber(): String - time(): int - time(): int +patientName(): String + patientInformation() + date(): int <<User Interface>> <<Entity>> <<Entity>> **PermissionCredentials UpdatePatientAppointment DeleteAppointment** - doctorName(): String - doctorName(): String - date(): int - date(): int + checkPermission(Employee): bool - time(): int - time(): int +patientName(): String +patientName(): String +deletePatientInfo() <<Entity>> <<Entity>> <<Device Interface>> Logout **PatientChart PatientInformation** patientID(): int patientName(): String + userLogout(): + doctorName():String - address(): String + treatmentRecord(): String -email(): String + patientInformation() - phoneNumber(): int

- SSN(): int

- healthInsurance(): String

+ updateMeasurementReason()

+ treatmentPrescription(): String

< <entity>>> UpdateMeasurementReason</entity>	< <entity>> TreatmentPrescription</entity>	< <entity>> DailySummaryReports</entity>
weight(): double height(): double	-treatmentContent(): String -prescriptionDrugs(): String	- doctorPerformance(): int
bloodPressure(): double reasonOfVisit(): String		+ doctorName():String +amount(): double
D. S. Litter Co.		
< <device interface="">> ViewReport</device>	< <controls>> Timer</controls>	< <entity>> ClearNoShowAppointmer</entity>
+ displayDailySummaryReports()	+ closintTime(time, date)	+ clearPatientAppointment()
< <device interface="">> CardReader</device>	< <pre><<pre>coxy>> BankInterface</pre></pre>	< <device interface="">> ReceiptPrinter</device>
CardReader	BankInterface	ReceiptPrinter
CardReader	BankInterface	ReceiptPrinter