B Management. The system should allow for the creation and of patient records including personal information, medical history, management Ercutments Staff Management: The system shoul enable the management of Stuff information, including scheduling, workload, performance and Graining. Resource Managements. The system should track and manage the hospital's resources, such as medical equipment, pharma coutical supplies, and bed a vailability Billing and Payment: The system should provide and integrated billing and Payment system for patients, insurance companies and other stateholders. and Privacy: The system should ensure the security and privacy of patient and staff information Deplone Facilities b) (quo lification) (Docid) Contact Deportment works (Slory (Sex Address Doctors: (Phone No) (Audilobility Information Status (Treatment) None) Regular Doc ontol Doc Cale Poplan No Poynent Check + up Type Pational Appintres SLAF NO Stoff Rescription) Potien + Admit Normal Potient Rom No (Com Keeper) deaner

Ooctar :	
Doc10-) Qualicication, Salary	
Patient	
PatientNO > Payment, Prescription	
Dept Name - Parcilities	
Staff & Salary	6.
	v
a) CREATEFUNCTION Get Portient Records ()	
RETURNS TABLE (
	124.3
Postent NU INT. Name VARCHAR (SO), Oate DATE, Poyment INT	
Payment IMT	
AS \$\$	
BEGIN	
RETURN QUERY SELECT Patient NO, Name, Oate, Payment FROM Patient;	
FROM Patient;	
ENO,	
	++

6) CREATE FUNCTION Calculace Staff Aug Salary () RETURN SNUMERIC AS \$\$ DECLARE total Solary NUMERIC: = 0; counter INT : - 0; aug Salary NUMERIC empRow RECORD BEGIN FOR empRow IN SELECT Salary FROM Statt LOOP total Salary: = total Salary + empRow. Salary; counter : = counter +1; ENO LOOP; aug Salary: = to (15 alary / counter; RETURN ava Salary; ENO: CREATE FUNCTION Update Patient Status (patient NO INT, mew Status VARCHAR (201) c) RETURNS VARCHAR (100) AS\$\$ DECLARE current Status VARCHAR (20); BEGIN SELECT Status 1170 current Status FROM Patient WHERE Patient No - putione No; UPDATE Portient SET Status = new Status WHERE Patient No = potient NO; RETURN Patient | patient NOII | Status updates from | current Status | to'll new Status; END;

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f	
	BEGIN TRANSACTION;
	Update patient information
	UPDATE P-16 enes
	SET Name = 'Alperen Ficragette, Address = Istanbul Tuzla, Phone = 555-1234'
-	WITERE patient NO=1,
-	COMMIT;
	BEGIN TRANSACTION:
	00000 1 MAN 34 CV (ON)
	Update doctor's availability
	UPDATE DOCKES
	UPDATE Doctors SET A vailability = 'Buss' WHERE Doc1D = 99:
	WHERE 00010=99:
	-NOKIN patients about schedule change
	NO KIR patients about schedule change UPDATE Appointment SET NO ELLICATION = Your appointment with Octor Alberta has been resched WHERE Occ 10=99 AND Octor - CURPENT-OATE;
_	SET NOET fication = our appointment with Jostor Moven has really
	WITERE VOCIVE 35 AND VOLES = CORRENT - UTIC,