

WELCOME TO OUR PRESENTATION



Hospital Management Systems

GROUP - 7

Alperen ULUKAYA – 20220808006

Serhat Buğra TANA – 20220808001

Nilüfer Sevde ÖZDEMİR – 202451056002

Harun ASKERDEN - 20210808017

Hanifi Berat SERT - 20230808617





CONTENTS

INTRODUCTION

- What is the problem?
- Our aim and vision

DESIGN OF THE SYSTEM

- Fact Finding Techniques
- Normalization Process and Tables
- E-R Diagram

QUERIES

- SQL Queries for The Database Creation

USER INTERFACE (UI)

- Demo
- PHP Backend Codes



INTRODUCTION

As Group - 7



PROBLEM?



The current hospital management systems face issues such as data redundancy, inconsistency, and complex workflows, including:

- Repetition of patient/doctor information across multiple tables.
- Disorganized relationships between appointment, diagnosis, test, and treatment data.



MISSION

To eliminate data redundancy through normalization, enhance query performance via relational database design, and uniform hospital workflows.



VISION

To build a hospital management system that ensures data integrity and accessibility while optimizing patient-doctor interactions.



Fact Finding Techniques



Observation

Watched daily hospital operations to understand real workflows .



Document Analysis

Reviewed patient records, billing forms, and reports to understand data flow.



Expert Advice

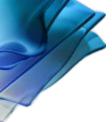
A group member who is a doctor provided direct insight into medical processes



Previous Works

Studied earlier hospital systems to learn from past designs and practices(like YouTube).





NORMALIZATION PROCESS AND TABLES

UNF

- repeating groups
- needs to be changed

Milit, B	Maid, No.	u princincin	a Printi, billio	ANN, III	Albiil, liid, l	Aniil, Niii	MAN, MAN	Milit, Nam	i (KAK)	MAH,	HC, HC HOH,	UII, NA	an,ina l	OH, MAI DA	H,MH, H	KH,OK,I	KON, DIK, N	iai fan	(MILION)	NAH, MAR, N	HOV, MAN,	NOV, MAY, DESCRIPTION , I	HOH, HAN J	liii,i	MI,H,M	m,w,m	100,000	MI,M	ini,/ini	liii,liik,l	HAN, SAR, TA HAN, JAM, J	MIII, MIII, N	um,tan,talum,tan,	ulin,im/	Applicate and a	(, proposition)	Order, Dyster Cope	a'i pha'n	H NI,I	NI,III	N,M I	HKI (NAV	ika jami Pakalina,	Palagha Ja	HER	Milit
										Wa	Lin		nk I	lo]mile	12		m)	WID.		Jay	ja)	y Jada	Jun 17		Vrpi	na .	link	nyala	M		Dresky				1000			lim		Millip	side .			DUMB	histor	2(2)
monn	Mini .	No	Vil	DAME	1	00200	Vrojeji	11/2		lbu.	Mini	1		infri	()(- 1	ally	m/2	- 1	- le	_	ospedar	140	1	late -	lis .	l é	udui	70		Cooling	int	whilesh	1000	1 11/12	15 10	- 0	Haifda		100	1334		sin los	DOWN	hood	И
										NVi	Date:		rid (lefesta	- 11		mily	46/7							ligi .			ingle.	1/0		Directory	let.	lanes@nota	3	1000	l) N		limi		Alega bil	ida		ndata frair	17/1/01	Colynn	Maria
WW								100		1/µm	lkiyi			profe.	101		amhi	ipe II		Jay	, in	apiljandan	papi (1		Kija 💮	N .	hok	/wijmin	YA		Нуниру				40.00	1 10		Hylosophik	K I	HI I	igini	11	lwhy	10000	lakirip	MAG
71(21(2))	71 bile	Graf	hole	11.0.100	h+	101148	kepak	nde/2		(little)	lm		ė	ridfin.	11	- 4	ind India	el#2	- 1	In	ls	uriğindir.	jr421		fair	in)	lk	iagni.	VM		hirod Bolin	insp	idelyiljeida	n jugili	I I I I I I I	1 00	14	A Typ 1 Dain	(A	halip b	A CONTRACTOR	- 1	nlier Train	A ITALIZZA	Insin Ciryli	M
										Man	May			irele.	121	1	talishi	ler II		lep	ini	photo	10/4/2		Aja	H		indus	W		Knowley	inst	lainty (javin	i jugil)	(36)(3)			1 Bar has		Chin	minish		19)	DEMK	Dish	[0]
11920	Di Dini	161	tid.	2010	H	0000	hjo	abur03		Har	Mesh		b .	w[n.	- 0	- 1	44	orl)	- 1	- la	- B	n Çestar	hi2		Veget	щ	tid	nysia	13		Dalley	le le	lendjeda 2	1117	1000	10	1	1 In Dayson		100			dana M	d	d	1Å
										Dist	lei	-	k (ridjn.	- 11		indiplie	ulul I	- 1	let Let	- N	in Mandan	MI		Yasi	M .	lė .	helmi.	VIII.		Mend Holian	Jack	interpignal	(4)	(8)	111		1 h Japan		Mod Apr Ye	ed	1)	them of	M .	ıl	id .
omo	Ol Kris	raja.	lit	111101	٨	1200	Mu	bris 12		1 NA) die)	d d	lide in	- 12		milit .	86172		Jay	jel.	p) jimba)upl 11		ligi	W.	rai .	indn-	YE		Smiley	l lit	Initel@mile	Ī	1000	10 10	10	lim		(log-loj	ike .	- 1	ndine from	10,00,000	Litida	M .
										Т		П																							017000	111		Com		homy	dip year		nite Inti	I (TANSO)	huli	W
										thr	bi			ni[m.	W		History	m/II		H	- 19	elfedor	HII		San		Hill	pinfi-	10		Bildinley				1 1111	l) III		Circl		llinde	aligh		nlike	KMXXI	leaged	
										114	lin			plipmal.	III.	1	supp.	401		inj	(A)	nijestor	jupi11		Im	/A)		mļni.	W		Brangly	le le	Immipula	160	12002	H		Mailan		Char	mittel	1	IVI .	TOLLAGO	Oloh	M
0.833	200	W	ha	220 Wi	il.	HIEROZI	hin	602		Orti	lu			ria[m.	11		indhin	HIZ.		- lo	- Is	oljeda	642		las	M.	lk	urķini.	THE STATE OF		hira Valda	Jack	interphole	just?	1200	1)1	M	Hyrista		hilms	A CONTRACTOR		nim lua	12/110	abul lyl	10.10
																																			1000	11	11	Mahay	1	HE /	issi		nlim haif	100.001	Valuat	10
STRICT	Militini	lq	là	IIAIM .		00:00	Кург	mill.		1/4111	Ukiy	1	*	jenija.	121		amp	der 11		Jay	ink	pipole	jupi/2		im	ritis	Vá.	mļm	M		Keenagey	lii	london	167	T THOU	100	N N	History		lithi	114	11	Inne of	d	d	rd

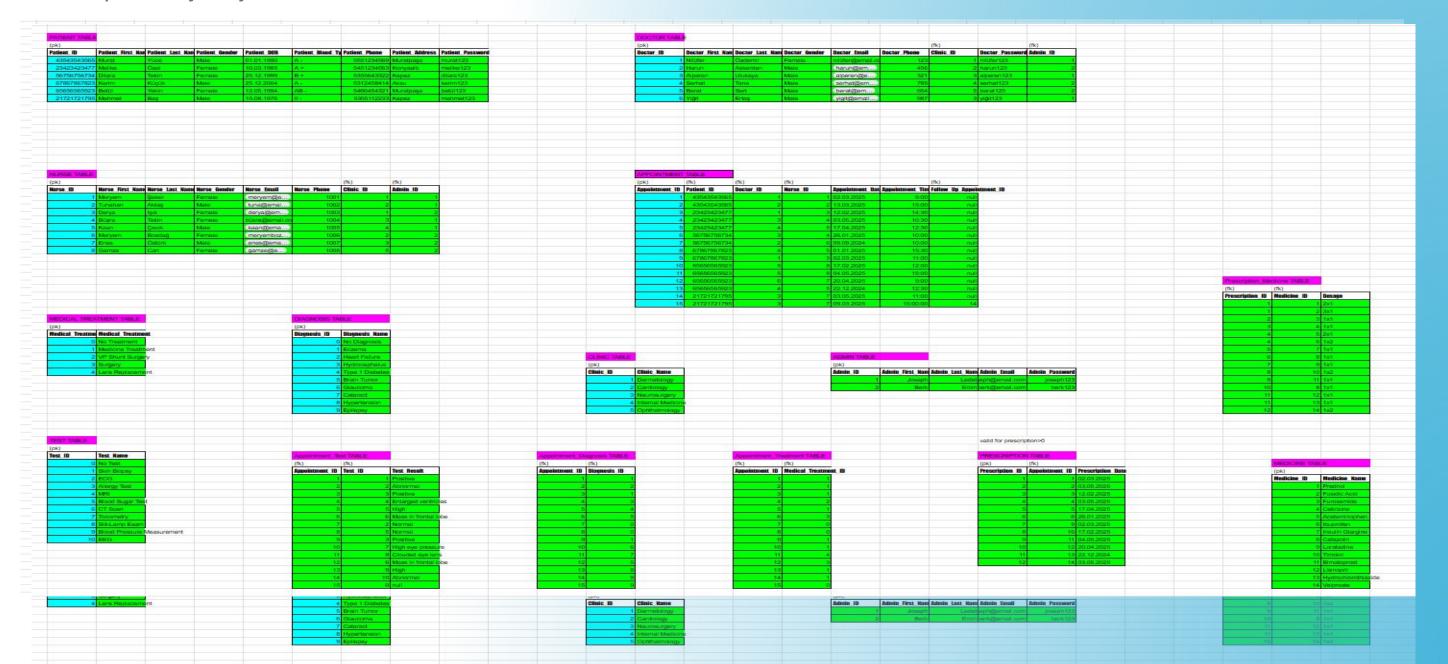
From UNF to 1NF

- Removed repeating groups
- Ensured that each field atomic

HHI, I	ANHI, HA, K	MANHE CHICAG	770H,5H0	7,000,00	MHCHH,	NHI,NH	MAN, M	ING FRANCISCO	K) IK	H,HI,HI	KAN, JAK, BA	DICH THAN	MOH, INSE	HOH, NAH	KON, DIK, N	HOH, DHK, H	Milit James	ORGH JOHN JO BROW,	nee's exec'n	HI, HOHOH, JOH	i ji bali,	Mary Mary I	100,00,0	HHI,W,	uni fina, badi	000,000	100,00	HOU, CHE, D. HOU, CHE,	il militari	MIN, MIN, N	mitanin'ny	m/mm/m	Ammont in	ma,u iiim	HE, THE PARK	, In Japan Empirica, II	Diploi, lib	NUI	00,000	NO, HAR	Balkal frame	Balkin Jacobs Por	angen ja Preciper	III, III BACA	BU)i
DANSE	H	The same	Vá	II AND ME) and finding		11672	- IW	k I		1178		10			eller (II)		heri			upilZ i	Mega	lan	link.	nyoği.		(III Amily)		100	1000		10.0	100	18	11	lamin .		N LOW				1 07030		
CONTRACT	Veri	(la	V	11211BB	1	10000	Vener	max(2)	W	lir 0	tin .	Marie Tolk	ribije i	122		least of	HH/II		les .	or order	1	ind X	Vege	las	Frid	meh		Director Company		Mary	100 mgm	die jan	101	1303	110	1.6	lame		Hillygo	All The State of t		Victor Term	100000	A CHINA	10
mann	led .	(k)	Vá	HALIM	1	1200	V _{ide}	ned 2	- 1	a l	high	Và	hought.	(1)		2-11-7	hrei III	1	lm .			H(2)	3 Saida	Ma	lin.	hralfresi.		III Codey		lay.	Add of the	dia (dip)	12 J.III	101	111	M) the Pales	1	00			Valid hip	3 (1/1/10)		10
25(\$1)(2)(7)	Ville	Aid	(tab	1020.180	64	umac	faqui	6 Me/33	188	h 0	ditt.	Parameter 1	ribility is	123		Develop	elian (2)		Jack .	aberta de		44/2 4	2 Dryn	b) t	First	ingalas		CC Drinky		80	(mark)	dan (i)	23 3 120	303	1400	68	limi	1	Arg hi	125		Visiting Total	1 1270310	I Grining	10
BIZALIT	Ville	Ord) in de	1222100	65	HIDAK	4718	446 DI	14		Aye	V A	denfe.	121	- 1	Annual I	day(U		logi			412	A Digital	Mile	0.4	range of		Marian			10000		71 J. 111	1323	11.22	M	No.	1	A CONTRACTOR			Maday	4 0370300		e= (1)
HERENT	Ville	Ord	real .	202100	٨٠	10/2006	lepak	release 1	14	et l	hályi	VA	árriþ.	221		hampy	diam's Co		ingl	ale popular		mil X	i liga	Mi	hink	Neglish.		Di Bertage		- Anny	lake profes	dan jiya	21 (ALI	100	118	14	Aykanak		H	mp) mix		(Elitable)	4 1318310	III leading	N
DIDOUT	Ville	Qid	114	1020198	64	Шрек	444	Here a	l lu	i I		VA	urid@nt	19		land) had	HHU.	1	100			M(2	144	Coali	Vá	kieljnis.		(d) January 1			107 (107		D 173	um .	120	M	No take		of the b			Velocity of	4 17 (4.11)		# 19 h
MANAGA	No.	16	164	21/1188	H	10000	fala	AMIN'S	1/4	1	Maj	V.	dende.	30	- 1	hampy.	elar (II)		less .	A Property		44(2)	Mayor	bis) in the	Variable		No Brenty		Sep.	i de la composição	des jus	22 A 34.0	123).	110	16) limited	8 (120			Xign	4 34 (1310)	L Chief	W
NAME OF	Ser .	H	(rib	HILLIAM	1	DENDE	(in)	(400)		i l		VA.	lavija.	1		alle	ted II	1	Ant			=1/2	AVept	No.	les l	neprio.		Of College		10	- July (de		7 11	1224	HE .	10	N Dynn		CQ			Manual C		A PA	
ATACINE NAME	li (e	12(0)	VAL	21/2/22	1	TOOK	fan	lent II	140	ii l		14	milin	19	- 1	e di Visio	etyläje.		lin.	in order		= 1/2	Hair	(H)	Và	tarijnis.		i de la companione de l		Aleja	10000	der HA	20 (13)	101	140	1.6	Olichapun		kirkys k			No Essentia es		X M	
CHINNE	1	NA.	V-b	HILIN	1	TOTAL S	/-	MATERIAL CONTRACTOR	N.	N O	to.	High		ĮD.			allie CI		MAN .			1/2	2 Days	4	Prof.	ingle.		(S) Depthy		1	An order		p (8)	1001	18	M	lim		ANN			Valid Int	† Ti to Jib		(1)
00000	lil .	(4)	li di	1274186	/A	100000	Venne	lek/01	- 16			Val	inifm.	Ol		Orbital	his 127	3	10	i si salaj mal		147	AGent	Cin	brok	panja.		CO CATALON		40	Intelle	din bi	24 30 112	93	11.00	68	Date		1000	b) (p m)		Vision Island	# TF 24.383		14
passe.	H	May	h de	DIALBA	/A	1840		HAMES (16			V	inii]m.	14			kmid IX	1	\$6			44/Z	A Great	De	fesh	prinft.		(Pathin)		- In	lane)		72 11 14	UIII .	11,8	M	Takes .			And the		Philosophia II	AMAZE	Jil Lili	M
dalay.	(d)	140	Healt	TEMPLE	M.	100000	Proper	644/01	- 19			VA.	piled	T I		in major j	(UII)		ing	Albert State		el II	Tim	Base	Val	enfm.		Of Bishapiy		10	in all	de la	21. 0.300	ota	18	14	Line Line	1	(20)	(extinuit		Eargery	6 20010	E Chiab	0)
003372	6 K	Mil.	1	DATE	11	NAME OF TAXABLE PARTY.	11	MIR	, Ib			VA	uridifin.	19		l III	wield,		100			MIZ.	Star	Date	VA	hieffeis.		CAR LA PARTIE NO			lab y gr		70 22-	1223	122	M	Nyapat					Visite 1807	11 25 12 20		10
dany	li l	(4)	(mile	QALIN)	/A	10000	Verie	60/01	416	1		VA	urialfen.	19		hand Visite	erelzi	3	In .	la miljed	4	44(X)	(A)	Diel	Vil	tardnis.		(O A SHADA		large.	litterale	des y jus	1 12	1000	12	14	Myanana		his Person	AL A		Value Like	17 22 12 20	ly lijken	- W
	Virei	4	Vili	NAME OF STREET	1	7318 232	Tiple	rielZ)	14		Abj	VA	derije.	12		Markey (da di Pi		Hill			412	Tim	BAA	VA	m(m.		Manager 1		10	- In He	de N	D X EL	100	HE :	M.	Makey		14			Vicini Int	O EFFETS		10
10000	V/mi	H.	Val	MILIT	1	2001122	Dist.	100002	3/4	-	Maj	VA	derije.	20)	1	hawing	de la Fil			and the latest		AAIX	160	Date	V#	resigns.		Of Strongs	1	100	America	day of	1 191	301	0.0	N.	Hilly					Marie 1	14		

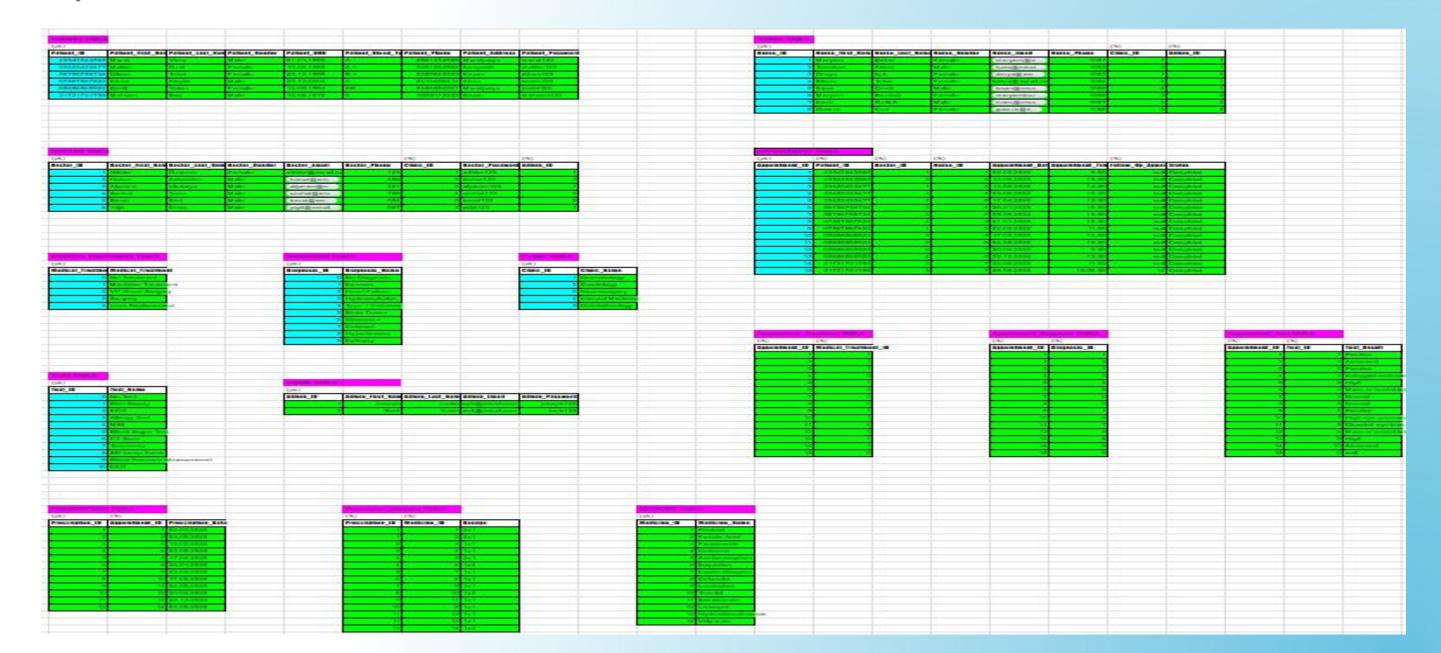
From 1NF to 2NF

- Removed partial dependencies
- Ensured that every non-key attribute is fully functionally dependent on the full primary key



From 2NF to 3NF

- Removed transitive dependencies
- Ensured that non-key attributes depend on only primary key, not on other non-key attributes.

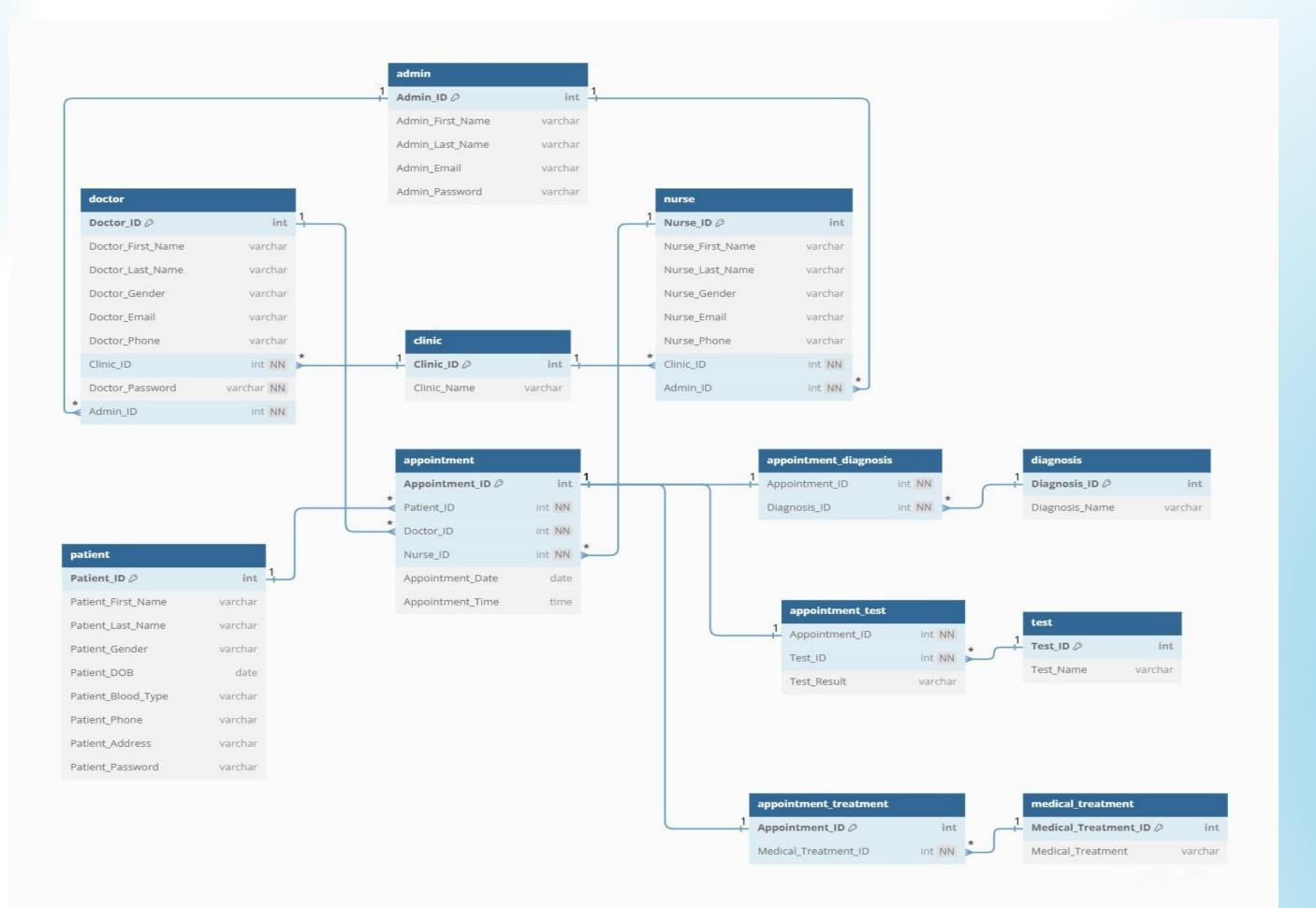




E-R DIAGRAM



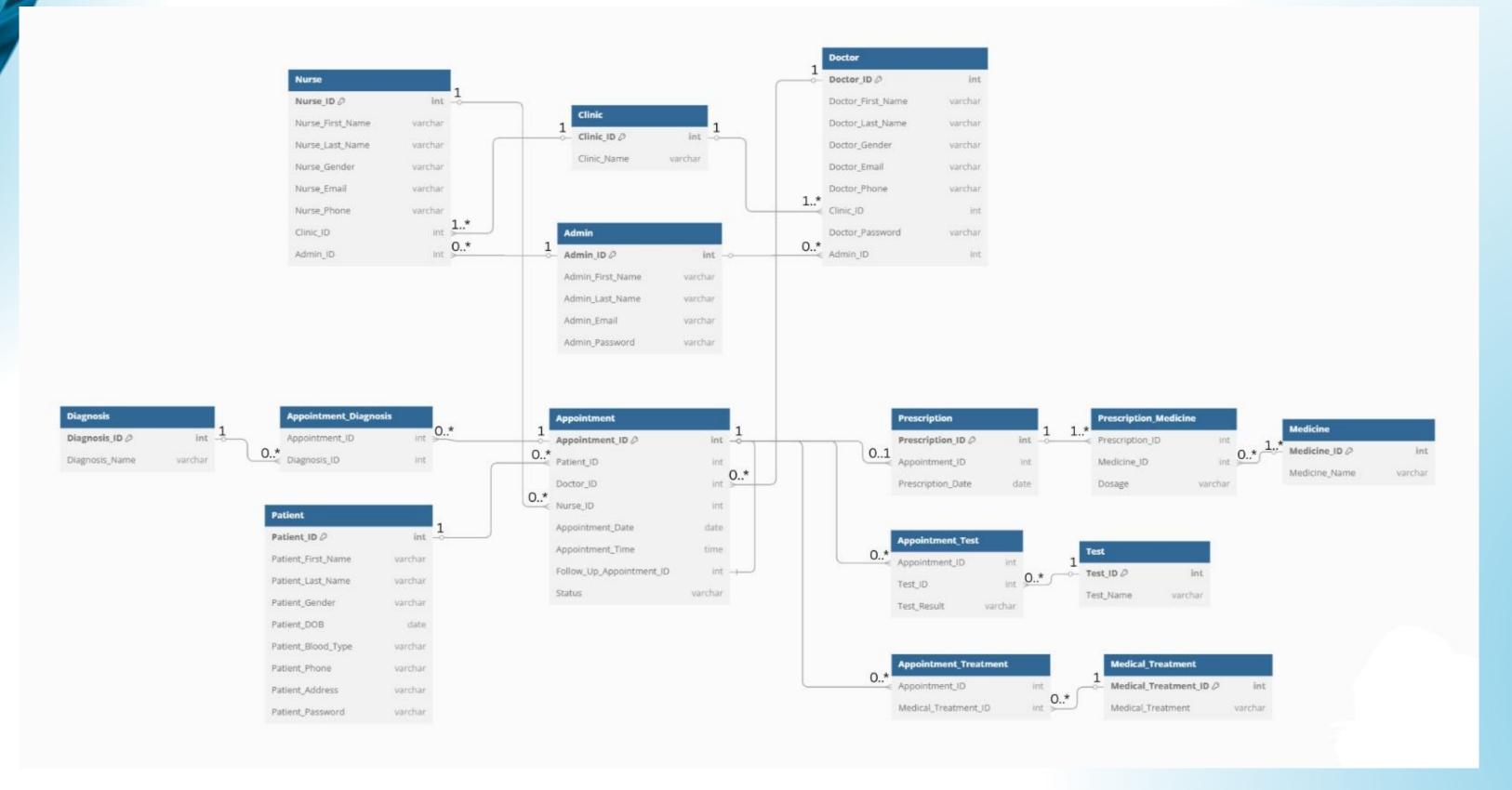
E-R DIAGRAM (Before First Submission)



E-R DIAGRAM (Obsecurity)



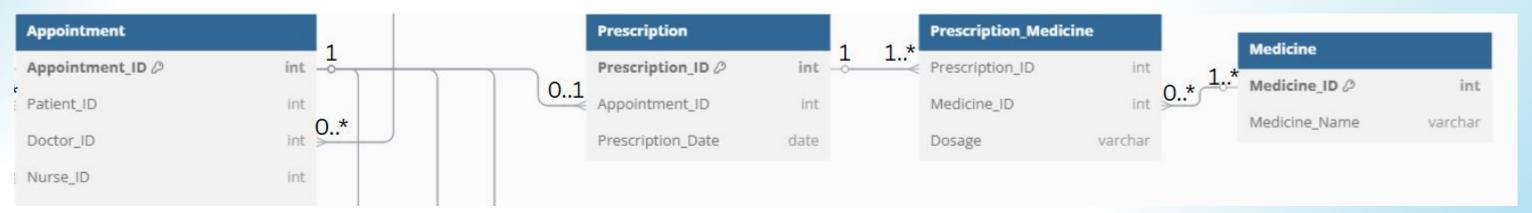
E-R DIAGRAM (Final)



E-R DIAGRAM (Additions)

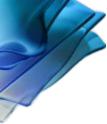
There also some improvements for the system according to customer demands.

-The customer wants system to store Prescription and Medicines.

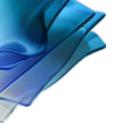




-And also wants that the system keep track of appointment as follow-ups to previous appointments

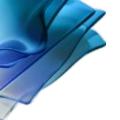


SQL QUERIES



From UNF to Normalized Structure with SQL

- . Our data started in UNF all-in-one table with repetition
- . SQL helped us analyze and separate repeated values
- . We created 3NF-compliant tables with primary and foreign keys

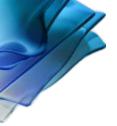


Manual Insertion and Data Migration from UNF

```
-- Manual test insert
INSERT INTO Patients (
    Patient_ID,
    Patient_First_Name,
    Patient_Last_Name
)

VALUES (
    1,
    'Murat',
    'Yüce'
);
```

```
-- Doctors data from UNF
INSERT INTO Doctors (
    Doctor_ID,
    Doctor_First_Name,
    Doctor_Last_Name,
    Doctor_Gender,
    Doctor_Email,
    Doctor_Phone,
    Clinic ID,
    Doctor_Password,
    Admin_ID
SELECT DISTINCT
    Doctor_ID,
    Doctor_First_Name,
    Doctor_Last_Name,
    Doctor_Gender,
    Doctor_Email,
    Doctor_Phone,
    Doctor_Clinic_ID,
    Doctor_Password,
    Doctor_Admin_ID
FROM UNF_Database.UNF_Data;
```

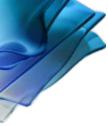


Making Changes During Development

```
-- Adding a status column with default value
ALTER TABLE Appointments
ADD COLUMN Status VARCHAR(20)
DEFAULT 'Scheduled';
-- Modifying a column to increase length
ALTER TABLE Medicines
MODIFY COLUMN Medicine_Name VARCHAR(150);
-- Adding NOT NULL constraint
ALTER TABLE Prescriptions
MODIFY COLUMN Prescription_Date DATE NOT NULL;
```

Maintaining Consistency with CASCADE

```
CREATE TABLE Appointment_Diagnosis (
    Appointment_ID INT NOT NULL,
    Diagnosis_ID INT NOT NULL,
    PRIMARY KEY (
        Appointment_ID,
        Diagnosis_ID
    FOREIGN KEY (Appointment_ID)
        REFERENCES Appointments(Appointment_ID)
        ON DELETE CASCADE,
    FOREIGN KEY (Diagnosis_ID)
        REFERENCES Diagnoses(Diagnosis_ID)
        ON DELETE CASCADE
);
```



USER INTERFACE





A list of all doctors that have seen a certain patient

A list of all patients and the number of appointments they have had in the past year

A way to change the date of an appointment

A way to add a test for a patient

A way to remove an appointment from the system

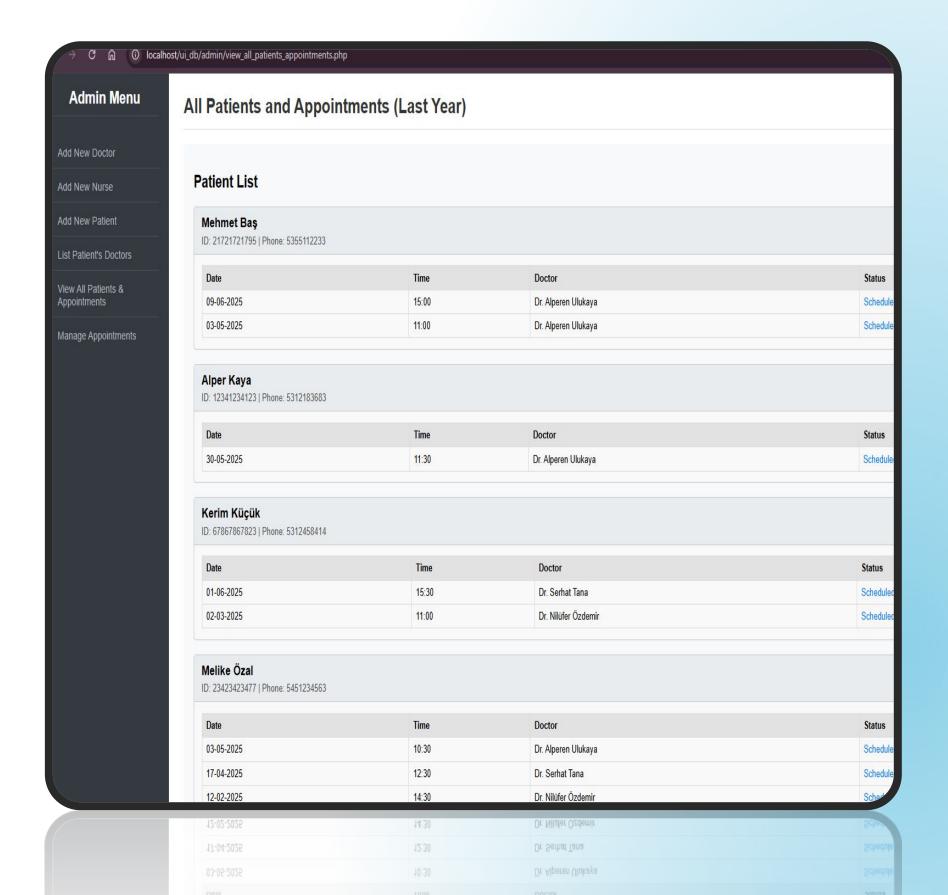
```
// 1. Verify patient exists and get name
$stmt_pat = $conn->prepare("SELECT `Patient_First_Name`, `Patient_Last_Name` FROM `PATIENT` WHERE `Patient_ID` = ?");
if ($stmt_pat) {
   $stmt_pat->bind_param("s", $searched_patient_id); // Bind as string just in case
   $stmt pat->execute();
   $result_pat = $stmt_pat->get_result();
   if ($result_pat->num_rows === 1) {
       $patient_info = $result_pat->fetch_assoc();
       $sql docs = "SELECT DISTINCT d.`Doctor ID`, d.`Doctor First Name`, d.`Doctor Last Name`, c.`Clinic Name`
                    FROM DOCTOR d
                    JOIN `APPOINTMENT` a ON d.`Doctor_ID` = a.`Doctor_ID`
                    JOIN `CLINIC` c ON d.`Clinic_ID` = c.`Clinic_ID`
                    WHERE a. Patient ID = ?
                    ORDER BY d. Doctor_Last_Name , d. Doctor_First_Name ";
       $stmt_docs = $conn->prepare($sql_docs);
       if ($stmt_docs) {
           $stmt_docs->bind_param("s", $searched_patient_id); // Bind patient ID
           $stmt_docs->execute();
           $result_docs = $stmt_docs->get_result();
           while ($row = $result_docs->fetch_assoc()) {
               $doctors[] = $row;
           $stmt_docs->close();
        } else {
           $search_error = "Error preparing doctor query: " . $conn->error;
   } else {
       $search error = "Patient with ID " . htmlspecialchars($searched patient id) . " not found.";
   $stmt pat->close();
else {
    $search_error = "Error preparing patient query: " . $conn->error;
```

A list of all doctors that have seen a certain patient

Admin Menu	Find Doctors for a Patient	
Add New Doctor		
Add New Nurse	Search Patient	
Add New Patient	Enter Patient ID (TC Kimlik No): 65656565923	
List Patient's Doctors	Doctors for Patient: Betül Yekin	
View All Patients & Appointments	Doctor Name	Clinic
	Dr. Yiğit Ertaş	Neurosurgery
Manage Appointments	Dr. Berat Sert	Ophthalmology
	Dr. Serhat Tana	Internal Medicine

```
$admin user name = isset($ SESSION['user name']) ? htmlspecialchars($ SESSION['user name']) : 'Admin';
  // Fetch all patients and their appointments within the last year
  $patients_data = [];
  $fetch error = null;
  $one year ago = date('Y-m-d', strtotime('-1 year')); // Calculate date one year ago
  // SQL query to get all patients and join their recent appointments and doctors
$sql = "SELECT"
             p.`Patient_ID`, p.`Patient_First_Name`, p.`Patient_Last_Name`, p.`Patient_Phone`,
             a.`Appointment_ID`, a.`Appointment_Date`, a.`Appointment_Time`, a.`Status`,
             d. Doctor First Name`, d. Doctor Last Name`
         FROM
              'PATIENT' p
         LEFT JOIN -- Include patients even if they have no recent appointments
              `APPOINTMENT` a ON p. Patient ID` = a. Patient ID` AND a. Appointment Date` >= ? -- Filter appointments
         LEFT JOIN -- Include appointment even if doctor is somehow missing
              `DOCTOR` d ON a. Doctor ID` = d. Doctor ID`
         ORDER BY
             p. Patient_Last_Name ASC, p. Patient_First_Name ASC, a. Appointment_Date DESC"; // Order for grouping
  $stmt = $conn->prepare($sql);
```

A list of all patients and the number of appointments they have had in the past year



```
// --- Conflict Check ---
$conflict_sql = "SELECT `Appointment_ID` FROM `APPOINTMENT`
                WHERE `Doctor_ID` = ? AND `Appointment_Date` = ? AND `Appointment_Time` = ?
                AND `Appointment_ID` != ? AND `Status` != 'Cancelled'";
$conflict_stmt = $conn->prepare($conflict_sql);
$conflict_stmt->bind_param("issi", $doctor_id, $new_date, $new_time_db, $appointment_id);
$conflict_stmt->execute();
$conflict_result = $conflict_stmt->get_result();
if ($conflict_result->num_rows > 0) {
    $_SESSION['admin_edit_appointment_feedback'] = "Conflict: The doctor already has an appointment scheduled at this date and time.";
    $_SESSION['admin_edit_appointment_feedback_type'] = "error";
    $conflict_stmt->close();
    $conn->close();
    header("Location: " . $feedback_redirect_url);
    exit;
$conflict_stmt->close();
// --- End Conflict Check ---
```

A way to change the date of an appointment

Admin Menu	Edit Appointment Date/Time (Admin)	
Add New Doctor		
Add New Nurse	« Back to Appointment List	
Add Now Dationt	Appointment ID: 13	
Add New Patient	Patient: Betül Yekin	
iet Dationtle Daetare	Doctor: Dr. Serhat Tana	
st Patient's Doctors	Current Date: 22-12-2025	
in All Dalinata O	Current Time: 12:30	
ew All Patients & ppointments	Status: Scheduled	
anage Appointments	New Date:	
ападо пропиноно	22/12/2025	
	New Available Time:	
	12:30 (Current)	
		(All Green and All Land
		Update Appointment

```
// Security Check: Verify appointment belongs to doctor
$check_sql = "SELECT `Appointment_ID` FROM `APPOINTMENT` WHERE `Appointment_ID` = ? AND `Doctor_ID` = ?";
$check_stmt = $conn->prepare($check_sql);
$check_stmt->bind_param("ii", $appointment_id, $doctor_id);
$check_stmt->execute();
$check_result = $check_stmt->get_result();
$is_authorized = ($check_result->num_rows === 1);
$check_stmt->close();
if ($is_authorized) {
   // Check if this test already exists for this appointment
   // Use correct table name 'Appointment_Test' from dump
    $duplicate_sql = "SELECT COUNT(*) as count FROM `Appointment_Test` WHERE `Appointment_ID` = ? AND `Test_ID` = ?";
    $dup_stmt = $conn->prepare($duplicate_sql);
    $dup_stmt->bind_param("ii", $appointment_id, $test_id);
    $dup stmt->execute();
    $dup_result = $dup_stmt->get_result()->fetch_assoc();
    $dup_stmt->close();
   if ($dup_result['count'] == 0) {
        // Insert the new test assignment with 'Pending' result
        // Use correct table name 'Appointment_Test' and column 'Test_Result'
        $insert_sql = "INSERT INTO `Appointment_Test` (`Appointment_ID`, `Test_ID`, `Test_Result`) VALUES (?, ?, ?)";
        $insert_stmt = $conn->prepare($insert_sql);
```

A way to add a test for a patient

or Menu	Manage Patient Appointment	
ntments		
	Patient Information	
	Name: Mehmet Baş	
	DOB : 15-08-1976	
	Gender: Male	
	Blood Type: 0 -	
	Appointment Date: 03-05-2025	
	Appointment Time: 11:00	
	Status: Scheduled	
	Diagnoses	
	• Epilepsy	
	Add New Diagnosis	
	Select Diagnosis:	
	Choose Diagnosis	
		Add Diagnosis
	Tests	
	• EEG: Abnormal	
	Assign New Test	
	Select Test:	
	- Choose Test	
		Assign Test

```
if ($can_delete) {
   // Prepare DELETE statement
   $sql = "DELETE FROM `APPOINTMENT` WHERE `Appointment_ID` = ?";
   $stmt = $conn->prepare($sql);
   if ($stmt) {
       $stmt->bind_param("i", $appointment_id);
       if ($stmt->execute()) {
           if ($stmt->affected_rows > 0) {
               $_SESSION['admin_manage_appointment_feedback'] = "Appointment ID: $appointment_id deleted successfully.";
               $_SESSION['admin_manage_appointment_feedback_type'] = "success";
            } else {
                $_SESSION['admin_manage_appointment_feedback'] = "Appointment ID: $appointment_id not found or could not be deleted.";
                $_SESSION['admin_manage_appointment_feedback_type'] = "error";
```

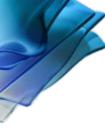
A way to remove an appointment from the system

Admin Menu	Manage All Appointments													
1 New Doctor														
l New Nurse	Арр	ointment List												
New Patient	ID	Date	Time	Patient	Doctor	Status	Actions							
Patient's Doctors	13	22-12-2025	12:30	Betül Yekin (ID: 65656565923)	Dr. Serhat Tana (ID: 4)	Scheduled	Edit Date/Time Delete							
	7	09-09-2025	10:00	Dilara Tekin (ID: 56756756734)	Dr. Harun Askerden (ID: 2)	Scheduled	Edit Date/Time Delete							
All Patients & intments	10	17-06-2025	12:00	Betül Yekin (ID: 65656565923)	Dr. Berat Sert (ID: 5)	Scheduled	Edit Date/Time Delete							
ane Appointments	15	09-06-2025	15:00	Mehmet Baş (ID: 21721721795)	Dr. Alperen Ulukaya (ID: 3)	Scheduled	Edit Date/Time Delete							
	15	09-06-2025	15.00	Mehmet Baş (ID: 21721721795)	Dr. Alperen Ulukaya (ID: 3)									



UI DEMO





THANKS FOR LISTENING

Alperen Ulukaya Serhat Buğra Tana Nilüfer Sevde Özdemir Hanifi Berat Sert Harun Askerden

