# Normalization Tuesday, December 10, 2024 10:58 PM

### Denormalized Table

adopter_i	d adopter_r	name adopt	oter_phone	adopter_email	adopter_address	adopter_status	s child_ic	d child_namr	e gender	admission_date	birth_date re	ecord_id i	record_date d	fiagnosis t	reatment g	guardian_id	guardian_name	guardian_phone	guardian_email	guardian_address	guardian_relat	ionship room_ir	room_number	wing	floor G	apacity oc	cupancy staff	_id staff_na	ame position	staff_email	staff_phone hire	e_date di	onor_id donor,	name donor_pr
1	Kholod Far	thy 12349	1567890 I	kholod@example.com	123 Cairo	Active	101	Habiba	F	2024-01-01	2020-06-15 20	:01	2024-01-10 FI	-lu N	Medication 3	101	Heba Ahmed	9876543210	heba@example.com	456 Cairo	Mother	401	101	North	1 4	3	501	Reham	Nurse	reham@example.com	1112223334 207	20-02-01 60	J1 Moh	112233449
2	Roaa Moh	1 22334	1445566	roaa@example.com	789 Alex	Inactive	102	Maryam	F	2023-12-01	2018-03-22 20	102 :	2024-02-15 A	sllergy T	freatment 3	102	Asem Fathy	6677889900	asem@example.com	987 Alex	Father	402	102	South	2 6	2	502	Yosef	Doctor	yosef@example.com	4445556667 20	21-03-15 6	.02 Ali	7788990°
3	Ahmed Sa	ilem 33445	556677 :	ahmed@example.com	321 Giza	Active	103	Salma	F	2024-03-01	2021-08-05 20	103 :	2024-03-20 C	Jold R	test 3	103	Mona Khalil	9998887777	mona@example.com	654 Giza	Sister	403	103	West	3 5	4	503	Omar	Manager	omar@example.com	5556667778 20	19-06-12 6	503 Lina	888999000
																														,				



adopter_id	name	phone_number	email	address	status
1	Kholod Fathy	1234567890	kholod@example.com	123 Cairo	Active
2	Roaa Moh	2233445566	roaa@example.com	789 Alex	Inactive
3	Ahmed Salem	3344556677	ahmed@example.com	321 Giza	Active

child Table
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child_id	name	gender	admission_date	birth_date
101	Habiba	F	2024-01-01	2020-06-15
102	Maryam	F	2023-12-01	2018-03-22

	record Table		
201	2024-01-10	Flu	Medication
202	2024-02-15	Allergy	Treatment
203	2024.02.20	Cold	Part .

guardian_id	name	phone_number	email	address	relationship
301	Heba Ahmed	9876543210	heba@example.com	456 Cairo	Mother
302	Asem Fathy	6677889900	asem@example.com	987 Alex	Father
303	Mona Khalil	9998887777	mona@example.com	654 Giza	Sister

room_id	room_number	wing	floor	capacity	occupancy
401	101	North	1	4	3
402	102	South	2	6	2
403	103	West	3	5	4

staff_id	name	position	email	phone_number	hire_date
501	Reham	Nurse	reham@example.com	1112223334	2020-02-01
502	Yosef	Doctor	yosef@example.com	4445556667	2021-03-19
503	Omar	Manager	omar@example.com	5556667778	2019-06-12

donor_id	name	phone_number	email
601	Moh	1122334455	moh@example.com
602	Ali	7788990011	ali@example.com
603	Lina	8889990001	lina@example.com

adopter_id	child_id
1	101
2	102
3	103

## child-medical\_record Table

child_id	record_id	admission_date	birth_date
101	201	2024-01-01	2020-06-15
102	202	2023-12-01	2018-03-22
103	203	2024-03-01	2021-08-05

record_id	record_date	diagnosis	treatment
201	2024-01-10	Flu	Medication
202	2024-02-15	Allergy	Treatment
203	2024-03-20	Cold	Rest

record_id	diagnosis	treatment
201	Flu	Medication
202	Allergy	Treatment
203	Cold	Rest

The tables are now in 3NF, with all dependencies properly resolved.

e donor\_email
moh@example.com
ali@example.com
lina@example.com