

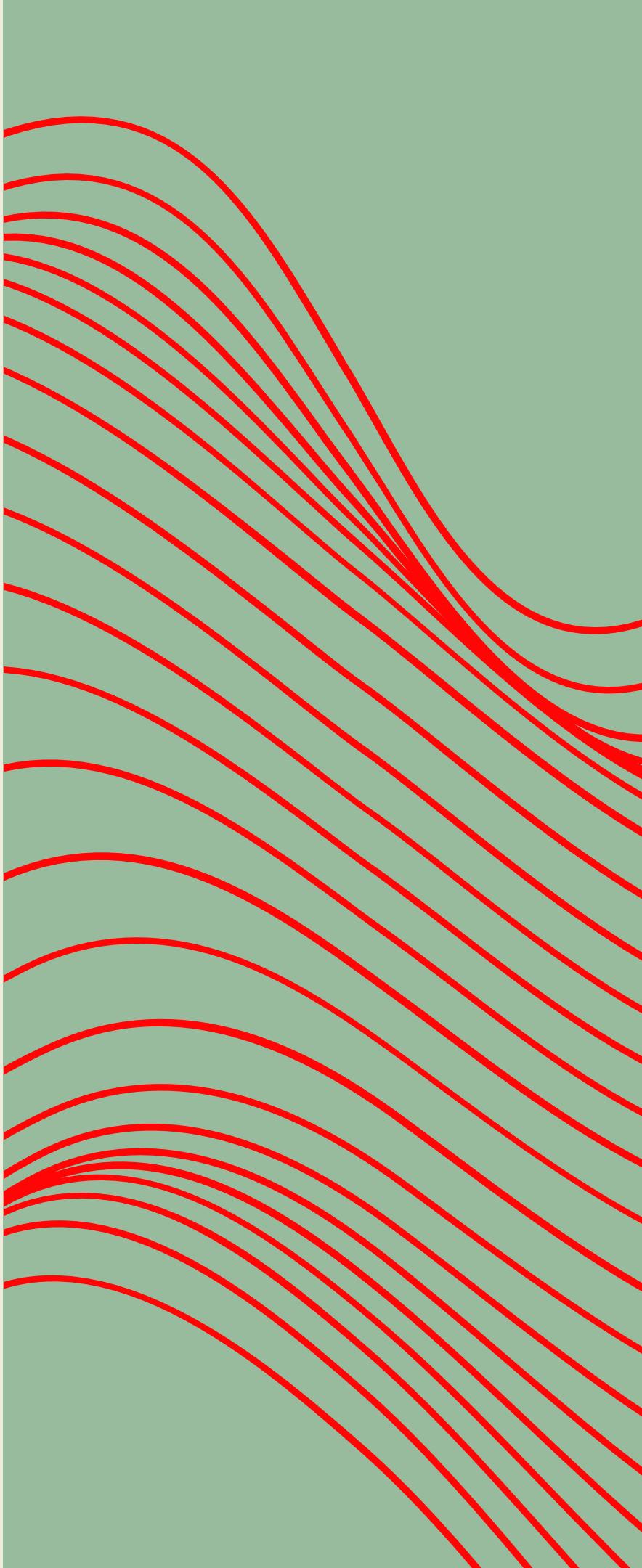


Proposal and Database for  
Community Charity Fund and NGO

# Online NGO Database Management

Creating a community that aims to heal lives, empower communities and work together to make a difference.

E050 Siddhi Rohit  
E061 Namita Talluri



Hoping to help



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A few benefits of doing so include:

- Improved data collection and storage.
- Enhanced communication with stakeholders
- Increased efficiency and productivity
- Better program monitoring and evaluation
- Enhanced fundraising and donor management:



# Storyline

NGOs are the backbone of our society and a great way to revolutionize the process of storing data in NGOs is by using of database management systems.

## FUNCTIONALITIES

Track the number of underprivileged people in an NGO facility

Keep track of and care for even dependents of underprivileged people

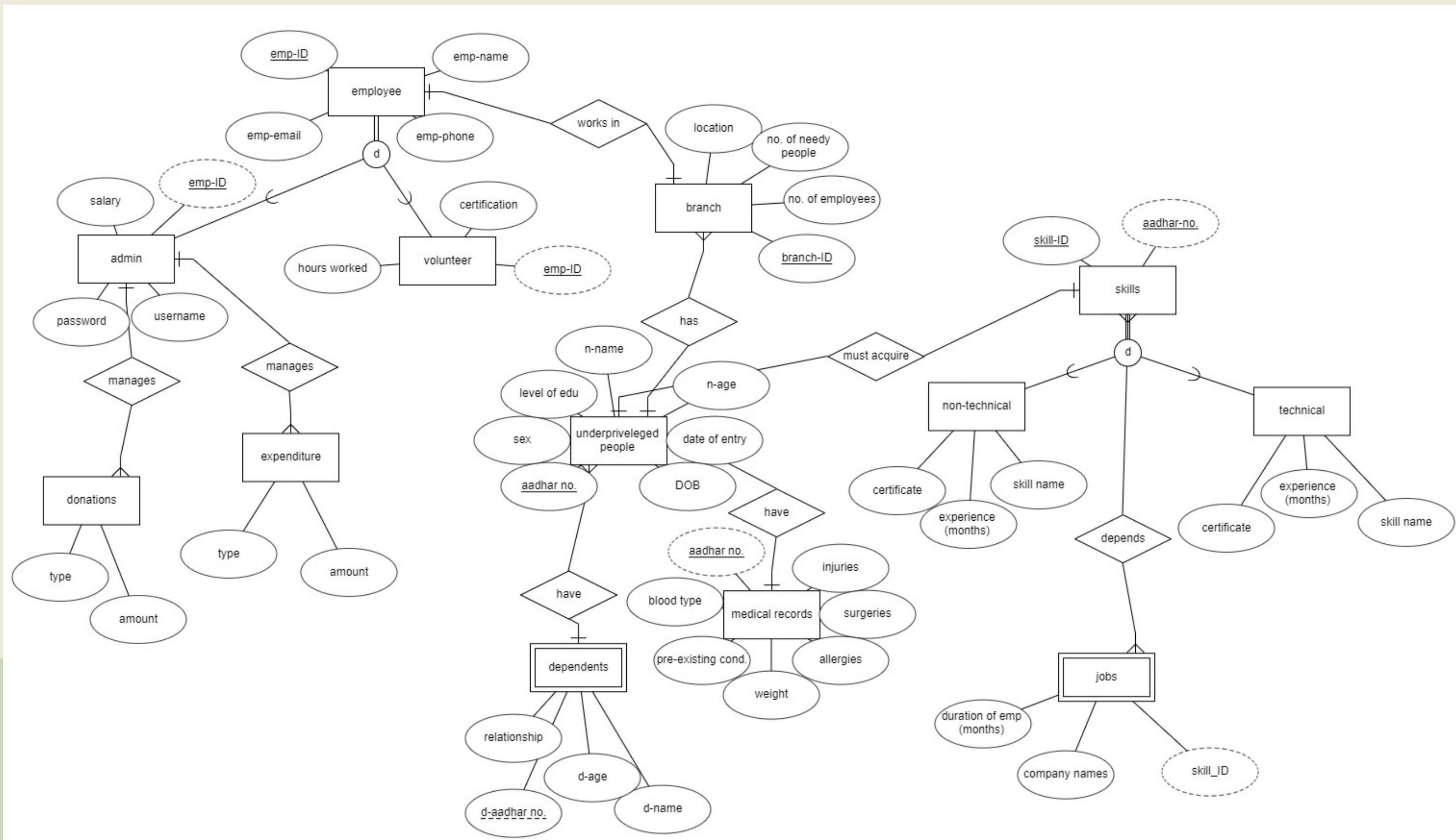
Assign people in facilities to skill of two kinds - technical and non-technical and latter on to corresponding jobs

Keep track of employees, volunteers and the various branches in a facility

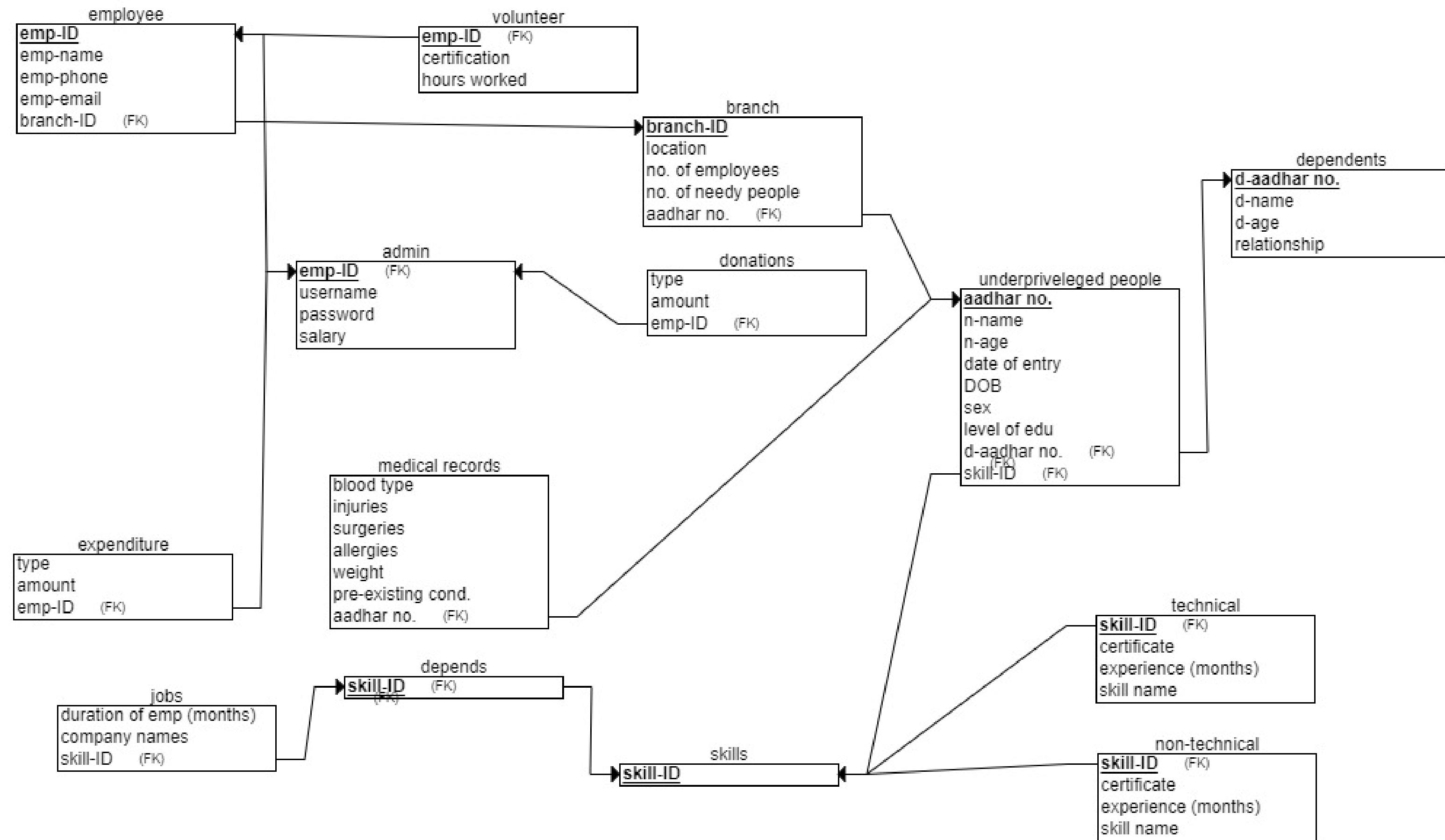
Maintain a record of all medical care, doctors, previous injuries of a person

Keep track of all donations made - both monetary and physical items to ensure transparency in NGO.

# ERD



# Schema



# Insertions

## Employee Table

	emp_id	emp_name	emp_phone	emp_email
▶	121227	Ishita Deshpande	2837487367	ishdes27@gmail.com
	121338	Harleen Deol	2839382993	hardeo38@gmail.com
	121343	Divya Malhotra	2837483728	divmal43@gmail.com
	121669	Imara Dubey	2345436547	imadub69@gmail.com
	121768	Esha Madan	8798765675	eshmad68@gmail.com
	121836	Jhalak Dutt	2283399872	jhadut36@gmail.com
	121847	Daksha Iyer	3847383748	dakiye47@gmail.com
	121883	Heena Lal	2837483627	heelal83@gmail.com
	121989	Bina Ganguly	8767897654	bingan89@gmail.com
	121998	Chhaya Das	2938929489	chhdas98@gmail.com
	209033	Jeremy True	9809835000	jeremytrue@yahoo.c...
	232876	Ashish Bhardwaj	5000076578	ashishbwaj@gmail.com
	665783	Aman Matang	468000743	amanmatang12@gm...
	747393	Andrew Tate	9000645670	andretop@gmail.com
	747394	Anaj esha	9065080880	anajesh@gmail.com
	747395	Anand Aram	1200098654	araman@gmail.com
	747396	Drew Goodman	2209901250	drewg@gmail.com
	747397	Felix King	2209640980	pewdie@gmail.com
	747398	Kurtis Conner	4032158033	kurtiscon@gmail.com
*	767898	Ananya Purohit	5000099876	ananya11@yahoo.com
	HULL	HULL	HULL	HULL

## Volunteer Table

certification	hours_worked	emp_id
Y	15	121669
Y	21	121768
N	16	121989
Y	18	121998
N	20	121847
Y	18	121343
Y	13	121338
N	10	121883
N	9	121227
Y	18	121836

## AdminTable

salary	username	password	emp_id
50000	bing21	ashishb	232876
46800	bondpass	amanmat	665783
50000	nogopass	ananypu	767898
35000	myngo	jeretru	209033
90000	topg	andtate	747393
90000	toopass	anajesh	747394
1200	anuj	araman	747395
22000	pgpass	drewg	747396
22000	gokul11	pewdie	747397
40033	goatman	kurtis	747398
50000	bing21	ashishb	232876
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22000	gokul11	pewdie	747397
40033	goatman	kurtis	747398

# Underprivileged Table

Donations Table

type	amount
money	50000
socks	9
food	18
bedsheets	25
pillows	30
pencils	100
money	25000
clothes	45
toiletries	50
toys	30

aadhar_no	dob	date_of_entry	n_name	n_age	level_of_edu	sex
26374668594	2003-02-13	2023-01-19	Indira Muni	20	12th	F
78296428496	1998-03-14	2023-01-20	Anusha Menon	25	12th	F
394878900098	1997-09-01	2023-01-04	Nirupama Jha	25	12th	F
495758557892	2002-10-10	2023-11-11	Sona Tripathi	21	12th	F
561733285738	2003-10-13	2023-01-13	Tanu Bhandari	23	10th	F
563748564756	2000-07-23	2023-01-22	Ila Bassi	23	Undergrad	F
564738295768	1999-05-12	2023-07-30	Shanti Apte	24	Undergrad	F
576483976582	2004-02-24	2023-01-06	Priti Lala	19	12th	F
887537446529	1998-12-04	2023-01-09	Shreya Chadha	25	12th	F
998711120936	2001-09-12	2023-01-03	Purnima Sule	21	Undergrad	F
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Branch Table

branch_id	location	no_of_needy_people	no_of_employees
11233	Borivali	376	45
11234	Vile Parle	350	50
11238	Kandivali	427	48
11247	Juhu	299	40
11275	Andheri	323	41
11283	Mulund	450	55
11284	Ghatkopar	389	42
11287	Malad	318	39
11290	Powai	334	49
11292	Churchgate	210	37
NULL	NULL	NULL	NULL

Dependents Table

d_aadhar_no	d_name	d_age	relationship
220984455	Uma Mangal	13	daughter
987263748	Ranjeet Chandra	74	father
119283728392	Sadhana Haldar	17	sister
228376287638	Samair Ghosh	10	brother
229483920949	Ojas Parekh	11	son
229876457387	Paakhi Dayal	6	daughter'
338477263217	Megha Biswas	19	sister
746384973847	Jay Verma	5	son
846374638463	Jagruti Dewan	10	brother
993899447578	Mohini Rao	70	mother
NULL	NULL	NULL	NULL

Jobs Table

duration_of_emp	company_name	SKILL_ID
12	Pixel Perfect	SK119
15	Shopify	SK230
11	CyberSafe	SK993
14	Skanska	SK432
12	Google Cloud	SK223
13	Apex Consult	SK324
10	Gourmet Foodies	SK098
15	Event Architects	SK432
16	Fiscal Pro	SK334
14	Rustic Treasures	SK983

Medical Record Table

weight	blood_type	injuries	surgeries	allergies	pre_existing_cond	aadhar_no
48	A+	NULL	NULL	NULL	NULL	394878900098
49	B+	NULL	NULL	NULL	Diabetes	887537446529
58	AB+	NULL	NULL	NULL	NULL	998711120936
55	A-	NULL	NULL	NULL	NULL	576483976582
55	B+	bruises	NULL	NULL	NULL	26374668594
51	A+	NULL	NULL	dust	NULL	564738295768
53	B+	NULL	NULL	NULL	NULL	561733285738
43	AB-	NULL	NULL	dust	NULL	78296428496
46	O-	NULL	NULL	NULL	NULL	563748564756
50	O+	NULL	NULL	NULL	asthma	495758557892

## Skills Table

skill_id	aadhar_no
SK223	26374668594
SK433	78296428496
SK119	394878900098
SK983	495758557892
SK098	561733285738
SK334	563748564756
SK324	564738295768
SK432	576483976582
SK230	887537446529
SK993	998711120936
HULL	HULL

## Expenditure Table

type	amount
supplies	5000
water	5500
electricity	6000
rent	13000
salary	40000
food	25000
disposable	10000
maintenance	7000

## Non Technical Table

SKILL_NAME	EXPERIENCE	CERTIFICATE	SKILL_ID
Management	6	Y	SK324
Cooking	8	Y	SK098
Stitching	4	Y	SK433
Pottery	19	Y	SK334
Handicraft	9	Y	SK983

## Technical Table

SKILL_NAME	EXPERIENCE	CERTIFICATE	SKILL_ID
C	9	Y	SK119
Python	4	Y	SK230
Linux	11	Y	SK993
Hardware	14	Y	SK432
Cloud	7	Y	SK223

# Triggers

A trigger is a stored procedure in a database which automatically invokes whenever a special event in the database occurs. For example, a trigger can be invoked when a row is inserted into a specified table or when certain table columns are being updated.

## **BEFORE and AFTER of Trigger:**

BEFORE triggers run the trigger action before the triggering statement is run.

AFTER triggers run the trigger action after the triggering statement is run.

## **Types of SQL Server Triggers**

We can categorize the triggers in SQL Server in mainly three types:

1. Data Definition Language (DDL) Triggers
2. Data Manipulation Language (DML) Triggers
3. Logon Triggers

```
CREATE [OR REPLACE ] TRIGGER trigger_name  
{BEFORE | AFTER | INSTEAD OF }  
{INSERT [OR] | UPDATE [OR] | DELETE}  
ON table_name  
[ FOR EACH ROW]  
WHEN (condition)  
[trigger_body]
```

- 1.create trigger [trigger\_name]: Creates or replaces an existing trigger with the trigger\_name.
- 2.[before | after]: This specifies when the trigger will be executed.
- 3.{insert | update | delete}: This specifies the DML operation.
- 4.on [table\_name]: This specifies the name of the table associated with the trigger.
- 5.[for each row]: This specifies a row-level trigger, i.e., the trigger will be executed for each row being affected.
- 6.[trigger\_body]: This provides the operation to be performed as the trigger is fired

# Website



HeartString

Home About Program Blog Contact Forum Volunteer

Get Involved



Support the Community

Join Us

## About Our Organization

HeartString is a non-governmental organization that is dedicated to providing healthcare services to underprivileged individuals, as well as equipping them with the necessary skills to secure jobs based on their abilities. The NGO empowers individuals through education, training, and job placement opportunities. In addition to its services, HeartString also offers a crowdfunding platform to raise funds for its projects and services. The NGO is open to volunteers willing to provide their time and expertise in helping underprivileged individuals. Heartstring's mission is to create positive change and improve the quality of life for those in need.

Read More

## Section 1



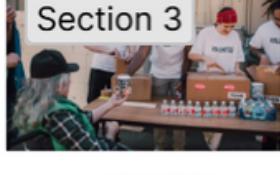
## Section 2

<b>20L</b>	<b>50,000</b>	<b>30</b>	<b>2,000</b>
Raised via crowdfunding	Underprivileged people helped	Company collaborations	Volunteers

## Section 4



## Section 3



Volunteer Today

Read more

## Section 3



Skill and Job Associations

Read more

## Section 3



Our Other Branches

Read more

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# Conclusion

A well-designed NGO management database is essential for efficiently managing operations, tracking donations, and providing support to the underprivileged.

As technology continues to evolve, it is crucial to continually update and optimize the database to ensure it meets the organization's changing needs.



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