

Database:-

1.) User Table :-

Field Name	Data Type	Description
user-id (PK)	INT	unique user ID
name	VARCHAR	full name
email (unique)	VARCHAR	login - email
password	VARCHAR	encrypted password
phone	VARCHAR	contact number
role ..	ENUM('user', 'agent')	Defined under type
registration-date	DATETIME	when account created
status	ENUM	for approval control

~~city..~~

2) Location Table :-

~~City~~

Field Name	Data Type	Description
city-id (PK)	INT	unique city ID
city-name	VARCHAR	city name
district-id (FK)	INT	Reference district table

3) Service Table :-

Field Name	Data Type	Description
service-id (PK)	INT	unique service ID
service-name	VARCHAR	e.g: Towing
description	TEXT	Service description

4) Agent Details Table:-

Field Name	Data Type	Description
agent-id (PK)	INT	unique agent ID
user-id (PK)	INT	References users
approved-by-admin (fk)	BOOLEAN	Admin approval flag
approved-date	DATETIME	When admin approved
status	ENUM	Agent status.
disabled-by-admin (fk)	NULL	Disable - remarks.
disabled-reasons	TEXT	Reasons for disabling

5) Agent-Services Table:-

Field Name	Data Type	Description
agent-service-id (PK)	INT	unique record
agent-id (PK)	INT	References Agent-details
service-id (FK)	INT	References service.
agent-city-id (FK)	INT	References agent location table

6) Agent Location Table:-

Field Name	Data Type	Description
agent-city-id (PK)	INT	unique record
agent-id (FK)	INT	References Agent-Details
city-id (FK)	INT	References location

Province

District

github.com/nabinghimine ↗ info of nepal

City

JSON

7.) Vehicle Table:-

field Name	Data type	Description
vehicle_id (PK)	INT	unique vehicle ID
user_id (FK)	INT	References users
→ vehicle_type (fk)	VARCHAR	car, bus, truck etc.
model	VARCHAR	Model name
registration_no	VARCHAR	Vehicle registration number.

8.) Booking Table:-

field Name	Data type	Description
booking_id (PK)	INT	unique booking ID
user_id (FK)	INT	who requested service
agent_id (FK)	INT	which agent (was assigned)
vehicle_id (FK)	INT	Vehicle needing service
service_id (FK)	INT	service requested
city_id (PK)	INT	City where service is required
created_booking-time	DATETIME	when booking made
scheduled-time	DATETIME	scheduled time
status	ENUM	Booking status
report-details	TEXT	Service report
completed-at	DATETIME	Completion time.
→ Actual location	TEXT	
→ Landmark	TEXT	User describes about their location
✓ landmark	TEXT	Notable landmark near user location
user_location (fk)		

3) Feedback Table :-

field Name	Data Type	Description
feedback-id (PK)	INT	unique feedback ID
→ booking-id (FK)	INT	References Bookings
user-id (FK)	INT	who gave feedback
rating	INT	Rating
comments	TEXT	feedback comments
created-at	DATETIME	when feedback was submitted.

Concept :-

- Single user can request service from multiple location
- An agent can provide multiple services.
- Admin approves agent by category.
- User don't need to login time & again
- Agent can also be the user.

4) Admin Table :-

field Name	Data Type	Description
admin-id (PK)	INT	unique admin ID
username	VARCHAR	Admin log name
password	VARCHAR	Admin password

→ Database:

i.) ~~User Table:~~

ii.) ~~District Table:-~~
Province

field Name	Data type	Description
province-id (PK)	INT	unique province ID
province-name	VARCHAR	Name of the province

iii.) District Table:-

field Name	Data type	Description
district-id (PK)	INT	unique district ID
district-name	VARCHAR	Name of the district
province-id (FK)	INT	Reference Province Table

iv.) ~~Other Table~~

user_location_table

field Name	Data type	Description
user-id (PK)		
name		
email		

13) User-location Table :-

fieldName	Datatype	Description
user-location.id (PK)	INT	Unique record ID
user-id (FK)	INT	References user table.
province.id (PK)	INT	Referenced province table
district.id (FK)	INT	References district table.
city.id (PK)	INT	Referenced city table
detail.location	TEXT	User's
landmarks	TEXT	Noteable landmarks near the location
Created at	TIME	

Guarage

Service Provider → Office

