BRGY RESIDENTS Information & Table Structure (brgy_residents)

🔑 Core Resident Info (Required)

- Full Name
- Sex
- Birthdate & Age
- Civil Status
- Address (Sitio/Purok)
- Contact Number
- Household Number (unique per family)
- Head of Household (Yes/No)

🪪 Government-Related Info

- Voter Status (Registered/Not, Precinct No.)
- 4Ps Beneficiary (Yes/No)
- Senior Citizen (Yes/No + ID No.)
- PWD Status (Yes/No + Type)
- Solo Parent (Yes/No)
- National ID No.
- PhilHealth/SSS/Pag-IBIG Numbers

👨‍👩‍👧 Social & Community Context

- Employment Status (Employed, Unemployed, Student, OFW)
- Educational Attainment
- Religion (for community events/planning)
- Ethnic Group (if IPs are in the area)
- Skills or Livelihood (e.g., carpenter, farmer, seamstress)
- Owned Pets (for rabies/vaccine tracking)

🚨 Emergency/Barangay Use

- Medical Conditions/Allergies
- Emergency Contact
- Evacuation Needs (PWD, elderly, infant, etc.)

- Crime Record (optional, internal use only)

- Participation in Brgy Programs (e.g., clean-up drives, livelihood)

TABLE STRUCTURE (Recommended)

✅ Current Fields You Already Have:

Field	Purpose
id	Primary key
fname, lname	Resident name
phone_number, email	Contact info (email is unique)
profile_picture	For resident ID/profile
address	Current full address
password	For login (assuming this is used for system access)
created_at, updated_at	Timestamps for record management

✳️ Recommended Additions:

Field	Type	Purpose
birthdate	date	To calculate age, determine senior status, etc.
gender	enum('Male','Female','Other')	Needed for demographics
civil_status	enum('Single','Married','Widowed','Divorced')	Social records
household_no	varchar(50)	Group residents by family
is_household_head	tinyint(1)	Marks head of family
voter_status	enum('Registered','Not Registered')	Voter profile
precinct_no	varchar(50)	Voting precinct info
pwd_status	tinyint(1)	For identifying Persons with Disabilities
solo_parent	tinyint(1)	Social service qualification
senior_citizen	tinyint(1)	Elderly support eligibility
employment_status	varchar(100)	Unemployed, Farmer, OFW, etc.
education_level	varchar(100)	Useful for profiling & program planning

Field	Type	Purpose
religion	varchar(100)	Optional, for cultural context
emergency_contact	varchar(255)	In case of disasters
medical_conditions	text	Optional but useful for health response

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Purpose of this Table in a Barangay System

- **Resident Profiling:** Collect comprehensive info for each resident for social, health, and administrative purposes.

- **Social Welfare:** Identify vulnerable groups like senior citizens, PWDs, solo parents, and provide targeted assistance.

- **Voter Management:** Track voter registration and precinct info for election-related activities.

- **Emergency Preparedness:** Store emergency contacts and medical info to aid disaster response.

- **Household Organization:** Group residents by household for census and program planning.

- **System Access:** Allow residents or admins to log in securely with email and password.

- **Demographic Analysis:** Collect gender, education, employment, and religion data for planning and resource allocation.

1. All Residents

- **List View Content:**
  - Columns: Full Name, Household No., Gender, Age, Civil Status, Phone Number, Voter Status, Special Group Icons (PWD, Senior Citizen, Solo Parent)
  - Search bar + filters (by name, household, voter status)
  - Buttons:
    - **Add New Resident**
    - **Edit** (per resident)
    - **Delete** (per resident with confirmation)
    - **View Details**

- **Resident Detail View:**
  - Profile picture
  - Full Name, Birthdate (with age calculated), Gender, Civil Status
  - Address, Household No., Is Household Head (Yes/No)
  - Phone Number, Email
  - Voter Status & Precinct No.
  - Employment Status, Education Level, Religion
  - Special statuses (PWD, Solo Parent, Senior Citizen)
  - Emergency Contact info
  - Medical Conditions (textarea)
  - Buttons:
    - **Edit Resident**
    - **Delete Resident**
    - **Back to List**

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2. By Household

- **List View Content:**
  - List of household numbers with household head name
  - Number of members per household
  - Expand/collapse to show household members (with basic info: name, age, gender)
  - Buttons:
    - **Add New Household** (optional)

- ▪ **Add Member** (inside household view)
- ▪ **Edit Household Info**
- ▪ **Change Household Head**

- **Household Detail View:**
  - o Household number
  - o Household head info with full resident detail link
  - o List of members (clickable to resident detail)
  - o Buttons:
    - ▪ **Add Member**
    - ▪ **Edit Household**
    - ▪ **Remove Member**

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3. Special Groups

- **List View Content:**
  - o Tabs or filters: Senior Citizens, PWD, Solo Parents
  - o Resident list filtered by group
  - o Columns: Name, Age, Address, Contact, Special Group Tag
  - o Buttons:
    - ▪ **Add to Group** (toggle on resident edit)
    - ▪ **Export Group List** (CSV, PDF)
    - ▪ **View Details**

- **Resident Detail View:** (same as All Residents, with special group badges highlighted)
  - o Buttons:
    - ▪ **Edit Resident**
    - ▪ **Remove from Group** (toggle)
    - ▪ **Back to Group List**

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4. Voter Status

- **List View Content:**
  - o Tabs: Registered / Not Registered
  - o Columns: Name, Age, Address, Contact, Precinct No.
  - o Buttons:
    - ▪ **Update Voter Status** (bulk or individual)

- **View Details**
- **Resident Detail View:** (same as All Residents, with voter status clearly marked)
  - Buttons:
    - **Edit Resident**
    - **Back to Voter List**

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5. New Residents

- **List View Content:**
  - Sorted by created_at descending (recent first)
  - Columns: Name, Date Added, Contact, Status (if approval workflow)
  - Buttons:
    - **Approve / Reject** (if needed)
    - **Edit Resident**
    - **View Details**
- **Resident Detail View:** (full detail)
  - Buttons:
    - **Approve / Reject**
    - **Edit Resident**
    - **Back to New Residents**

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6. By Employment

- **List View Content:**
  - Filters/Tabs: Employed, Unemployed, OFW, Others
  - Columns: Name, Employment Status, Contact, Address
  - Buttons:
    - **Update Employment Status** (bulk or individual)
    - **View Details**
- **Resident Detail View:** (full detail with employment info emphasized)
  - Buttons:
    - **Edit Resident**
    - **Back to Employment List**

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7. Health & Emergency

- **List View Content:**
  - Residents with medical conditions or emergency contacts
  - Columns: Name, Medical Conditions (summary), Emergency Contact, Contact Info
  - Buttons:
    - **Flag for Follow-up**
    - **View Details**
- **Resident Detail View:**
  - Full medical conditions notes
  - Emergency contact name, relationship, and phone
  - Buttons:
    - **Edit Medical Info**
    - **Edit Emergency Contact**
    - **Back to Health List**

BRGY RESIDENTS TABLE FORMAT

Field	Type	Nullable	Key	Default	Description/Purpose
id	bigint(20) unsigned	NO	PRI	auto_increment	Primary key, unique resident ID
fname	varchar(255)	NO		NULL	First name
lname	varchar(255)	NO		NULL	Last name
phone_number	varchar(255)	NO		NULL	Contact phone number
email	varchar(255)	NO	UNI	NULL	Unique email address
profile_picture	varchar(255)	YES		NULL	URL/path to profile picture
address	text	NO		NULL	Complete address
birthdate	date	YES		NULL	Date of birth
gender	enum('Male','Female','Other')	YES		NULL	Gender
civil_status	enum('Single','Married','Widowed','Divorced')	YES		NULL	Civil status
household_no	varchar(50)	YES		NULL	Household number
is_household_head	boolean	NO		false	Flag if resident is head of household
voter_status	enum('Registered','Not Registered')	YES		NULL	Voter registration status
precinct_no	varchar(50)	YES		NULL	Voter precinct number
pwd_status	boolean	NO		false	Person with Disability status
solo_parent	boolean	NO		false	Solo parent status
senior_citizen	boolean	NO		false	Senior citizen status
employment_status	varchar(100)	YES		NULL	Employment status
education_level	varchar(100)	YES		NULL	Highest education level
religion	varchar(100)	YES		NULL	Religion
emergency_contact	varchar(255)	YES		NULL	Emergency contact info (name + number)
medical_conditions	text	YES		NULL	Medical conditions or notes
password	varchar(255)	NO		NULL	Hashed password for resident login
created_at	timestamp	YES		NULL	Timestamp when record was created
updated_at	timestamp	YES		NULL	Timestamp when record was last updated