```
                    ┌──────────────────────────┐      ┌──────────────────────────┐
                    │  Redundancy Alimentation │      │   Secondary Storage -    │
                    │         Module           │      │        PostgreSQL        │
                    │     Big LLM - GPT 4       │      │                          │
                    └──────────────────────────┘      └──────────────────────────┘
```

```
┌──────────────────────┐      ┌──────────────────────┐                  ┌──────────────────────┐
│  Enrichment Module    │ →    │       Redis           │ →                │  Save keys to Redis  │
│    Big LLM - GPT 4    │      │ third part hosted     │                  │                      │
│                       │ ←    │  service - upstash    │ ←                │                      │
└──────────────────────┘      └──────────────────────┘                  └──────────────────────┘
```

The categories are:
- general: Response about the general information.
- skills: Response about specific skills or abilities.
- interests: Response about likes, hobbies.
- relationships: Response about family, friends, or social connections.
- emotion: Response regarding feelings or emotional state.
- knowledge: Response about facts or general information.
- memory: Response that require recall of past information.
- tasks: Response about specific actions or plans.
- goals: Response about objectives, aspirations, or future plans.
- preferences: Response about personal choices or inclinations.
- opinions: Response requesting personal thoughts or views.
- habits: Response about routines, patterns, or regular actions.

You are a highly conversational and culturally vibrant
+ Relative Info :
relationships:mother:location - Karol Bagh
relationships:mother:business - runs a handicrafts shop
relationships:mother - entrepreneur
relationships:mother:products -
sells embroidered suits and lahenga cholis

NOTE: If the relative information is not available dont say in
response it is not available, you should come up with something
based on the relative information and your personality.

Extract the information from
the bot response if it is new
by comparing with the
Extracted Relevant Information
and convert them into the key
value pair

relationships:father:location
relationships:father:business
relationships:father:products
mamager and marketing expert

```
┌──────────────────────────┐    ┌──────────────────────────┐    ┌──────────────────────────┐
│  Relevant category        │ →  │  Searching for the keys  │ →  │     Persona of the Bot   │
│  extractor through LLM    │    │  and their paired value  │    │            +             │
│     (Llama 3.1)           │    │        in Redis          │    │      Relative Info       │
└──────────────────────────┘    └──────────────────────────┘    │  generate response form  │
                                                                  │     LLM (llama 3.1)      │
                                                                  └──────────────────────────┘
```

relative info: relationships:*

relationships:mother:location - Karol Bagh
relationships:mother:business - runs a handicrafts shop
relationships:mother - entrepreneur
relationships:mother:products -
sells embroidered suits and lahenga cholis

```
┌──────────────────────┐
│   Response back to   │
│       the user       │
└──────────────────────┘
```

```
┌──────────────────────┐
│      User Chat       │
└──────────────────────┘
```

Whats your father do?