<https://gemini.google.com/u/1/app/bf28f389cd093e55?is_sa=1&android-min-version=301356232&ios-min-version=322.0&campaign_id=bkws&utm_source=google&utm_medium=cpc&utm_campaign=2024enUS_gemfeb&pt=9008&mt=8&ct=p-growth-sem-bkws>

<https://gemini.google.com/u/1/app/34bd37922031b95a>

<https://gemini.google.com/u/1/app/21b8e85b3e611787>

\* \* \* \* \*

### 3\. Updated Production-Ready Specification

4.2 Accommodations Table Module (Version 1.5)

---------------------------------------------

This document details the structure, purpose, and considerations for the `accommodations` table, which stores specifics for lodging options. Version 1.5 updates the RLS policies to align with the platform-wide security and authentication strategy using the `public.has\_role()` helper function.

### 1\. Purpose & Primary Use-Cases

The `accommodations` table stores detailed, specific information about lodging options available to pilgrims, extending the generic `waypoints` entry for an accommodation. Its purpose is to provide structured, filterable data on accommodation types, contact details, booking information, operational details (check-in/out), pricing notes, and specific pilgrim-related services or considerations.

Key user-story touchpoints:

- Pilgrim: Finding suitable lodging by type, availability (including seasonal), and key features. (Story A3)

- Pilgrim: Accessing contact information, booking links, and notes for securing accommodation. (Story A3)

- Pilgrim: Understanding check-in/out times, seasonal availability, and potential pilgrim-specific offers. (Story A3, B2)

- Accommodation Host: Managing their listing's core details, contact information, booking status, and seasonal availability. (Story B1, B2)

- Admin/Content Manager: Reviewing and ensuring accuracy of accommodation listings, including managing their lifecycle via the parent waypoint.

### 2\. Schema (Markdown Table)

\*(No change to column structure from Version 1.4)\*

| column | data\_type | constraints | description |

| waypoint\_id | `bigint` | Primary Key, Foreign Key to `waypoints(id)` ON DELETE CASCADE | Links to the generic `waypoints` table. This is the PK. Matches `waypoints.id` type. |

| accommodation\_type\_id | `integer` | Not Null, Foreign Key to `accommodation\_types\_master(id)` ON DELETE RESTRICT | The primary type of accommodation, linking to a master table. |

| host\_profile\_id | `uuid` | Nullable, Foreign Key to `profiles(id)` ON DELETE SET NULL | Links this accommodation to a specific host's profile, useful for RLS and management. |

| host\_name\_or\_organization | `text` | Nullable, CHECK (`host\_name\_or\_organization` IS NULL OR length(`host\_name\_or\_organization`) &lt;= 255) | Name of the host, family, or organization running the accommodation. Primary reference language (English) text. Translatable. |

| contact\_person | `text` | Nullable, CHECK (`contact\_person` IS NULL OR length(`contact\_person`) &lt;= 150) | Name of the primary contact person for bookings or inquiries. Primary reference language (English) text. Translatable. |

| phone\_number | `text` | Nullable, CHECK (`phone\_number` IS NULL OR length(`phone\_number`) &lt;= 50) | Primary contact phone number. Consider E.164 format validation at app level. |

| whatsapp\_number | `text` | Nullable, CHECK (`whatsapp\_number` IS NULL OR length(`whatsapp\_number`) &lt;= 50) | WhatsApp contact number, if available. Consider E.164 format validation. |

| email\_address | `text` | Nullable, CHECK (`email\_address` IS NULL OR (length(`email\_address`) &lt;= 254 AND `email\_address` ~\* '^[A-Za-z0-9.\_%+-]+@[A-Za-z0-9.-]+.[A-Za-z]{2,}$')) | Primary contact email address. Basic email format check. |

| website\_url | `text` | Nullable, CHECK (`website\_url` IS NULL OR (length(`website\_url`) &lt;= 2048 AND `website\_url` ~\* '^https?://.+')) | Official website URL for the accommodation. Basic URL format check. |

| booking\_url\_primary | `text` | Nullable, CHECK (`booking\_url\_primary` IS NULL OR (length(`booking\_url\_primary`) &lt;= 2048 AND `booking\_url\_primary` ~\* '^https?://.+')) | Direct link to a primary booking platform or their own booking page. Basic URL format check. |

| booking\_url\_secondary | `text` | Nullable, CHECK (`booking\_url\_secondary` IS NULL OR (length(`booking\_url\_secondary`) &lt;= 2048 AND `booking\_url\_secondary` ~\* '^https?://.+')) | Optional secondary booking link. Basic URL format check. |

| booking\_notes | `text` | Nullable | Specific instructions about the booking process. Primary reference language (English) text. Translatable. |

| booking\_availability\_status\_id | `integer` | Nullable, Foreign Key to `booking\_statuses\_master(id)` ON DELETE SET NULL, Default (SELECT id FROM `public.booking\_statuses\_master` WHERE code = 'unknown' LIMIT 1) | Current booking availability status, linking to a master table. |

| booking\_status\_last\_updated\_by\_host | `timestamp with time zone` | Nullable | Timestamp of the last known update to `booking\_availability\_status\_id` by the host. |

| check\_in\_time\_start | `time without time zone` | Nullable | Usual earliest check-in time (e.g., "14:00"). |

| check\_in\_time\_end | `time without time zone` | Nullable | Usual latest check-in time (e.g., "20:00"). |

| check\_out\_time\_latest | `time without time zone` | Nullable | Usual latest check-out time (e.g., "10:00"). |

| check\_in\_out\_notes | `text` | Nullable | Specific notes about check-in/out procedures or flexibility. Primary reference language (English) text. Translatable. |

| price\_summary\_notes | `text` | Nullable | General notes about pricing. Detailed pricing via `accommodation\_room\_configurations`. Primary reference language (English) text. Translatable. |

| display\_currency\_code | `char(3)` | Not Null, Default 'EUR', CHECK (length(`display\_currency\_code`) = 3 AND `display\_currency\_code` = upper(`display\_currency\_code`)) | Primary currency code for display purposes (e.g., "EUR"). |

| pilgrim\_special\_offer\_exists | `boolean` | Not Null, Default false | Is there any special offer, discount, or service for pilgrims with credentials? |

| pilgrim\_special\_offer\_details | `text` | Nullable | Description of the pilgrim special offer. Primary reference language (English) text. Translatable. |

| meal\_service\_summary\_notes | `text` | Nullable | General notes about meals. Specifics via `accommodation\_meal\_services`. Primary reference language (English) text. Translatable. |

| laundry\_summary\_notes | `text` | Nullable | General notes about laundry. Specifics via `accommodation\_amenities`. Primary reference language (English) text. Translatable. |

| luggage\_transfer\_offered | `boolean` | Not Null, Default false | Does the accommodation directly offer or facilitate luggage transfer services? |

| luggage\_transfer\_notes | `text` | Nullable | Notes about luggage transfer services. Primary reference language (English) text. Translatable. |

| bicycle\_storage\_notes | `text` | Nullable | Notes about bicycle storage. Amenity can also flag this. Primary reference language (English) text. Translatable. |

| pet\_policy\_notes | `text` | Nullable | Detailed policy on pets. Amenity can also flag this. Primary reference language (English) text. Translatable. |

| is\_suitable\_for\_groups | `boolean` | Not Null, Default false | Is this accommodation generally suitable for hosting groups? |

| group\_suitability\_notes | `text` | Nullable | Notes regarding group bookings, capacity, facilities for groups, or discounts. Primary reference language (English) text. Translatable. |

| max\_group\_size\_accepted | `integer` | Nullable, CHECK (`max\_group\_size\_accepted` IS NULL OR `max\_group\_size\_accepted` > 0) | Approximate maximum group size the accommodation can comfortably host. |

| pilgrim\_specific\_guidance\_notes | `text` | Nullable | Other important notes, rules, or guidance specifically for pilgrims. Primary reference language (English) text. Translatable. |

| opening\_months | `integer[]` | Nullable, CHECK (`opening\_months` IS NULL OR (array\_length(`opening\_months`, 1) > 0 AND `public.are\_valid\_months`(`opening\_months`))) | Array of month numbers [1-12] when typically open. Validated by `are\_valid\_months` function for range and uniqueness. |

| opening\_season\_details\_notes | `text` | Nullable | Textual notes for specific opening dates, exceptions, "by reservation only" periods. Primary reference language (English) text. Translatable. |

| is\_part\_of\_official\_network | `boolean` | Not Null, Default false | Is this accommodation part of an official pilgrim hospitality network? |

| official\_network\_name | `text` | Nullable, CHECK (`official\_network\_name` IS NULL OR length(`official\_network\_name`) &lt;= 150) | Name of the official network, if applicable. Primary reference language (English) text. Translatable. |

| maps\_place\_id | `text` | Nullable, Unique, CHECK (`maps\_place\_id` IS NULL OR length(`maps\_place\_id`) &lt;= 255) | Google Maps Place ID for this specific accommodation. |

| maps\_url | `text` | Nullable, CHECK (`maps\_url` IS NULL OR (length(`maps\_url`) &lt;= 2048 AND `maps\_url` ~\* '^https?://.+')) | Direct link to the Google Maps listing. Basic URL format check. |

| data\_last\_verified\_at | `timestamp with time zone` | Nullable | Timestamp indicating when these details were last verified. |

| created\_at | `timestamp with time zone` | Not Null, Default `now()` | Timestamp of record creation. |

| created\_by\_profile\_id | `uuid` | Nullable, Foreign Key to `profiles(id)` ON DELETE SET NULL | Profile ID of the user who created this accommodation record. |

| updated\_at | `timestamp with time zone` | Not Null, Default `now()` | Timestamp of last update (auto-updated by trigger). |

| updated\_by\_profile\_id | `uuid` | Nullable, Foreign Key to `profiles(id)` ON DELETE SET NULL | Profile ID of the user who last updated this accommodation record. |

### 3\. PostgreSQL DDL

\*(DDL for table structure, comments, triggers, and indexes remain the same as Version 1.4, including the GIN index on `opening\_months`. Only the version in the table comment changes.)\*

SQL

```

-- Assumes master tables (accommodation\_types\_master, booking\_statuses\_master),

-- waypoints, profiles tables are already defined.

-- Assumes public.set\_current\_timestamp\_updated\_at() and public.are\_valid\_months(INTEGER[]) functions exist.

-- Assumes public.cleanup\_related\_translations(TEXT, TEXT) function and specific per-table wrapper exist.

CREATE TABLE public.accommodations (

waypoint\_id BIGINT PRIMARY KEY,

accommodation\_type\_id INTEGER NOT NULL,

host\_profile\_id UUID NULL,

host\_name\_or\_organization TEXT NULL CHECK (host\_name\_or\_organization IS NULL OR length(host\_name\_or\_organization) <= 255),

contact\_person TEXT NULL CHECK (contact\_person IS NULL OR length(contact\_person) <= 150),

phone\_number TEXT NULL CHECK (phone\_number IS NULL OR length(phone\_number) <= 50),

whatsapp\_number TEXT NULL CHECK (whatsapp\_number IS NULL OR length(whatsapp\_number) <= 50),

email\_address TEXT NULL CHECK (email\_address IS NULL OR (length(email\_address) <= 254 AND email\_address ~\* '^[A-Za-z0-9.\_%+-]+@[A-Za-z0-9.-]+\.[A-Za-z]{2,}$')),

website\_url TEXT NULL CHECK (website\_url IS NULL OR (length(website\_url) <= 2048 AND website\_url ~\* '^https?://.+')),

booking\_url\_primary TEXT NULL CHECK (booking\_url\_primary IS NULL OR (length(booking\_url\_primary) <= 2048 AND booking\_url\_primary ~\* '^https?://.+')),

booking\_url\_secondary TEXT NULL CHECK (booking\_url\_secondary IS NULL OR (length(booking\_url\_secondary) <= 2048 AND booking\_url\_secondary ~\* '^https?://.+')),

booking\_notes TEXT NULL,

booking\_availability\_status\_id INTEGER NULL DEFAULT (SELECT id FROM public.booking\_statuses\_master WHERE code = 'unknown' LIMIT 1),

booking\_status\_last\_updated\_by\_host TIMESTAMPTZ NULL,

check\_in\_time\_start TIME WITHOUT TIME ZONE NULL,

check\_in\_time\_end TIME WITHOUT TIME ZONE NULL,

check\_out\_time\_latest TIME WITHOUT TIME ZONE NULL,

check\_in\_out\_notes TEXT NULL,

price\_summary\_notes TEXT NULL,

display\_currency\_code CHAR(3) NOT NULL DEFAULT 'EUR' CHECK (length(display\_currency\_code) = 3 AND display\_currency\_code = upper(display\_currency\_code)),

pilgrim\_special\_offer\_exists BOOLEAN NOT NULL DEFAULT FALSE,

pilgrim\_special\_offer\_details TEXT NULL,

meal\_service\_summary\_notes TEXT NULL,

laundry\_summary\_notes TEXT NULL,

luggage\_transfer\_offered BOOLEAN NOT NULL DEFAULT FALSE,

luggage\_transfer\_notes TEXT NULL,

bicycle\_storage\_notes TEXT NULL,

pet\_policy\_notes TEXT NULL,

is\_suitable\_for\_groups BOOLEAN NOT NULL DEFAULT FALSE,

group\_suitability\_notes TEXT NULL,

max\_group\_size\_accepted INTEGER NULL CHECK (max\_group\_size\_accepted IS NULL OR max\_group\_size\_accepted > 0),

pilgrim\_specific\_guidance\_notes TEXT NULL,

opening\_months INTEGER[] NULL CHECK (opening\_months IS NULL OR (array\_length(opening\_months, 1) > 0 AND public.are\_valid\_months(opening\_months))),

opening\_season\_details\_notes TEXT NULL,

is\_part\_of\_official\_network BOOLEAN NOT NULL DEFAULT FALSE,

official\_network\_name TEXT NULL CHECK (official\_network\_name IS NULL OR length(official\_network\_name) <= 150),

maps\_place\_id TEXT NULL UNIQUE CHECK (maps\_place\_id IS NULL OR length(maps\_place\_id) <= 255),

maps\_url TEXT NULL CHECK (maps\_url IS NULL OR (length(maps\_url) <= 2048 AND maps\_url ~\* '^https?://.+')),

data\_last\_verified\_at TIMESTAMPTZ NULL,

created\_at TIMESTAMPTZ NOT NULL DEFAULT now(),

created\_by\_profile\_id UUID NULL,

updated\_at TIMESTAMPTZ NOT NULL DEFAULT now(),

updated\_by\_profile\_id UUID NULL,

CONSTRAINT fk\_waypoint

FOREIGN KEY(waypoint\_id)

REFERENCES public.waypoints(id)

ON DELETE CASCADE,

CONSTRAINT fk\_accommodation\_type

FOREIGN KEY(accommodation\_type\_id)

REFERENCES public.accommodation\_types\_master(id)

ON DELETE RESTRICT,

CONSTRAINT fk\_host\_profile

FOREIGN KEY(host\_profile\_id)

REFERENCES public.profiles(id)

ON DELETE SET NULL,

CONSTRAINT fk\_booking\_availability\_status

FOREIGN KEY(booking\_availability\_status\_id)

REFERENCES public.booking\_statuses\_master(id)

ON DELETE SET NULL,

CONSTRAINT fk\_created\_by\_profile

FOREIGN KEY(created\_by\_profile\_id)

REFERENCES public.profiles(id)

ON DELETE SET NULL,

CONSTRAINT fk\_updated\_by\_profile

FOREIGN KEY(updated\_by\_profile\_id)

REFERENCES public.profiles(id)

ON DELETE SET NULL

);

COMMENT ON TABLE public.accommodations IS 'Detailed information for lodging options, extending the generic waypoints table. Version 1.5';

-- Column comments from Version 1.4 remain valid.

-- Trigger for updated\_at

CREATE TRIGGER trigger\_accommodations\_set\_updated\_at

BEFORE UPDATE ON public.accommodations

FOR EACH ROW

EXECUTE FUNCTION public.set\_current\_timestamp\_updated\_at();

COMMENT ON TRIGGER trigger\_accommodations\_set\_updated\_at ON public.accommodations IS 'Trigger to automatically update updated\_at timestamp on row modification.';

-- Trigger for orphan translation cleanup

CREATE OR REPLACE FUNCTION public.cleanup\_accommodations\_translations()

RETURNS TRIGGER AS $$

BEGIN

IF TG\_OP = 'DELETE' THEN

DELETE FROM public.translations

WHERE table\_identifier = 'accommodations'

AND row\_foreign\_key = OLD.waypoint\_id::TEXT;

END IF;

RETURN OLD;

END;

$$ LANGUAGE plpgsql SECURITY DEFINER;

CREATE TRIGGER trigger\_cleanup\_accommodations\_translations

AFTER DELETE ON public.accommodations

FOR EACH ROW

EXECUTE FUNCTION public.cleanup\_accommodations\_translations();

COMMENT ON TRIGGER trigger\_cleanup\_accommodations\_translations ON public.accommodations IS 'Cleans up orphaned translations from public.translations when an accommodations record is deleted.';

-- Indexes (including GIN index from previous update)

CREATE INDEX idx\_accommodations\_host\_profile\_id ON public.accommodations(host\_profile\_id) WHERE host\_profile\_id IS NOT NULL;

CREATE INDEX idx\_accommodations\_accommodation\_type\_id ON public.accommodations(accommodation\_type\_id);

CREATE INDEX idx\_accommodations\_booking\_availability\_status\_id ON public.accommodations(booking\_availability\_status\_id) WHERE booking\_availability\_status\_id IS NOT NULL;

CREATE INDEX IF NOT EXISTS idx\_accommodations\_opening\_months ON public.accommodations USING GIN (opening\_months);

-- VIEW for accommodation capacity (remains as defined in Version 1.4)

CREATE OR REPLACE VIEW public.accommodations\_capacity\_summary\_view AS

SELECT

acc.waypoint\_id,

COALESCE(SUM(arc.count\_of\_this\_room\_type \* rtm.typical\_capacity\_persons), 0) AS calculated\_total\_beds,

COALESCE(SUM(arc.count\_of\_this\_room\_type), 0) AS calculated\_total\_rooms

FROM public.accommodations acc

LEFT JOIN public.accommodation\_room\_configurations arc ON acc.waypoint\_id = arc.accommodation\_waypoint\_id

LEFT JOIN public.room\_types\_master rtm ON arc.room\_type\_id = rtm.id

GROUP BY acc.waypoint\_id;

COMMENT ON VIEW public.accommodations\_capacity\_summary\_view IS 'Provides calculated total beds and total rooms for each accommodation based on its room configurations. Join with accommodations or waypoints on waypoint\_id.';

```

### 4\. JSON Schema Mirror

\*(No change from Version 1.4)\*

JSON

```

{

"title": "accommodation\_detail",

"description": "Detailed information for lodging options, extending the generic waypoints table. Version 1.5",

"type": "object",

"properties": { /\* ... all properties as in Version 1.4 ... \*/ },

"required": [ /\* ... as in Version 1.4 ... \*/ ]

}

```

### 5\. Relationships & Integrity

\*(No change from Version 1.4)\*

- Primary Key: `waypoint\_id` (BIGINT)

- Foreign Keys: As defined in V1.4.

- URL Validation: `CHECK` constraints with regex for URL fields.

- Capacity Summary: Via `public.accommodations\_capacity\_summary\_view`.

### 6\. Multilingual Strategy

\*(No change from Version 1.4)\*

- Translatable Fields: `host\_name\_or\_organization`, `contact\_person`, `booking\_notes`, `check\_in\_out\_notes`, etc.

- Translation Management: `AFTER DELETE` trigger `trigger\_cleanup\_accommodations\_translations`.

### 7\. Role-Based Workflow & RLS Notes

\*(This section is updated to reflect the new auth strategy)\*

- Key Fields for Workflow:

- `host\_profile\_id`: Crucial for allowing hosts to manage their own listings.

- `booking\_availability\_status\_id`, `booking\_status\_last\_updated\_by\_host`: Allow hosts to update their availability.

- `data\_last\_verified\_at`: For content managers to track data freshness.

- `created\_by\_profile\_id`, `updated\_by\_profile\_id`: For auditing.

- The linked `waypoints.content\_visibility\_status\_id` (via `accommodations.waypoint\_id`) controls overall publication.

- Recommended Row-Level Security (RLS) Policies (Assumes `public.has\_role(TEXT)` helper function exists):

- Public Users (Read Only Published):

SQL

```

-- Name: Allow public read access to published accommodations

-- Target: accommodations

-- Operation: SELECT

-- Role(s): anon, authenticated

CREATE POLICY "Allow public read access to published accommodations"

ON public.accommodations FOR SELECT

USING (

EXISTS (

SELECT 1 FROM public.waypoints w

WHERE w.id = accommodations.waypoint\_id

AND w.deleted\_at IS NULL

AND w.content\_visibility\_status\_id = (SELECT id FROM public.content\_statuses\_master WHERE code = 'published' LIMIT 1)

)

);

```

- Accommodation Hosts (Role: `host`):

- Viewing Own Listings:

SQL

```

-- Name: Hosts can view their own accommodation records

-- Target: accommodations

-- Operation: SELECT

-- Role(s): authenticated

CREATE POLICY "Hosts can view their own accommodation records"

ON public.accommodations FOR SELECT

USING (

auth.role() = 'authenticated' AND

host\_profile\_id = auth.uid()

);

```

- Updating Own Listings:

SQL

```

-- Name: Hosts can update their own accommodation records

-- Target: accommodations

-- Operation: UPDATE

-- Role(s): authenticated

CREATE POLICY "Hosts can update their own accommodation records"

ON public.accommodations FOR UPDATE

USING (

auth.role() = 'authenticated' AND

host\_profile\_id = auth.uid()

) WITH CHECK (

auth.role() = 'authenticated' AND

host\_profile\_id = auth.uid() AND

waypoint\_id IS NOT DISTINCT FROM OLD.waypoint\_id

);

```

- Content Managers/Admins (Broader Access):

- Viewing All:

SQL

```

-- Name: Platform content team can view all accommodation records

-- Target: accommodations

-- Operation: SELECT

-- Role(s): regional\_content\_manager, admin\_platform

CREATE POLICY "Platform content team can view all accommodation records"

ON public.accommodations FOR SELECT

USING (

auth.role() = 'authenticated' AND

(public.has\_role('regional\_content\_manager') OR public.has\_role('admin\_platform'))

);

```

- Updating Any:

SQL

```

-- Name: Platform content team can update any accommodation records

-- Target: accommodations

-- Operation: UPDATE

-- Role(s): regional\_content\_manager, admin\_platform

CREATE POLICY "Platform content team can update any accommodation records"

ON public.accommodations FOR UPDATE

USING (

auth.role() = 'authenticated' AND

(public.has\_role('regional\_content\_manager') OR public.has\_role('admin\_platform'))

) WITH CHECK (

auth.role() = 'authenticated' AND

(public.has\_role('regional\_content\_manager') OR public.has\_role('admin\_platform'))

);

```

- Inserting New (Admin/Manager Workflow):

SQL

```

-- Name: Platform content team can insert accommodation records

-- Target: accommodations

-- Operation: INSERT

-- Role(s): regional\_content\_manager, admin\_platform

CREATE POLICY "Platform content team can insert accommodation records"

ON public.accommodations FOR INSERT

WITH CHECK (

auth.role() = 'authenticated' AND

(public.has\_role('regional\_content\_manager') OR public.has\_role('admin\_platform')) AND

created\_by\_profile\_id = auth.uid() AND

EXISTS (

SELECT 1 FROM public.waypoints w

JOIN public.waypoint\_categories\_master wcm ON w.waypoint\_primary\_category\_id = wcm.id

WHERE w.id = waypoint\_id AND wcm.code = 'accommodation\_location'

)

);

```

- Enable RLS:

SQL

```

ALTER TABLE public.accommodations ENABLE ROW LEVEL SECURITY;

```

### 8\. ENUM vs Lookup Discussion

\*(No change from Version 1.4)\*

- Relies on `accommodation\_types\_master` and `booking\_statuses\_master`.

### 9\. UI/UX Enablement

\*(No change from Version 1.4)\*

- Columns and their UI/UX implications remain as detailed.

### 10\. Key Considerations & Definitions

\*(No change from Version 1.4)\*

- Data Integrity: Relationship with `waypoints` (category 'accommodation\_location') enforced by RLS. `opening\_months` validated by function. URL fields have DB-level CHECKs.

### 11\. Scalability & Future-Proofing

\*(No change from Version 1.4)\*

- Audit columns, 1:1 with `waypoints`, and use of lookup tables contribute positively.

- Media: Relies on parent `waypoints` for primary media.

- Future Consideration: Implement a standardized SQL function (e.g., `public.is\_valid\_url(TEXT)`) for URL validation.

### 12\. Next-Action Checklist

\*(No DDL changes required for this specific update beyond what was in V1.4, the main change is to the RLS policy definition in this document)\*

- 🔴 Verify/Implement RLS Helper: Ensure the `public.has\_role(TEXT)` helper function is correctly implemented and available.

- 🔴 Apply RLS Policies: Implement and thoroughly test the updated RLS policies.

- 🟢 Confirm Prerequisite Functions: Ensure `public.are\_valid\_months(INTEGER[])` is correctly implemented.

- 🟢 Translation Entries: Prepare/verify English entries for all translatable fields.