truthPrintz - Global Operating System: Government Structure Model and SMART Citizen Prompt Generator Specification

This document details the components of truthPrintz GOS responsible for modeling government structures and enabling citizens to generate SMART prompts for engagement.

I. Government Structure Model

The truthPrintz GOS utilizes a relational database model to represent government structures. The following tables are central to this model:

1. Government Actors Table:

```
SQL
CREATE TABLE GovernmentActors (
    actor_id SERIAL PRIMARY KEY,
    name VARCHAR(255) NOT NULL,
    type VARCHAR(50) NOT NULL, -- e.g., Branch, Agency, Individual
    level VARCHAR(50), -- e.g., Local, State, Federal, International
    jurisdiction TEXT,
    contact_information JSONB
);
```

Purpose: Stores information about government entities and individuals.
Function: Allows the system to map issues to responsible government actors and facilitate direct engagement.
actor_id (SERIAL PRIMARY KEY): Unique identifier for each government actor.
name (VARCHAR(255) NOT NULL): The official name of the government entity or individual.
type (VARCHAR(50) NOT NULL): The type of government actor (e.g., "Legislative Branch," "Environmental Protection Agency," "Senator John Doe").
level (VARCHAR(50)): The level of government the actor operates at (e.g., "Local," "State," "Federal," "International").
jurisdiction (TEXT): A textual description of the geographical or functional area of responsibility for the actor.
contact_information (JSONB): A JSON object storing contact details such as email addresses, phone numbers, physical addresses, and links to official websites or contact forms.

2. IssueGovernmentActors Table (Many-to-Many Relationship):

```
SQL
CREATE TABLE IssueGovernmentActors (
    issue_id INTEGER REFERENCES Issues(issue_id),
    actor_id INTEGER REFERENCES GovernmentActors(actor_id),
    PRIMARY KEY (issue_id, actor_id)
);
```

Purpose: Represents the many-to-many relationship between issues and

government actors.
Function: Allows multiple government actors to be associated with a single issue and vice versa, enabling accurate mapping of accountability.
issue_id (INTEGER REFERENCES Issues(issue_id)): Foreign key referencing the Issues table.
actor_id (INTEGER REFERENCES GovernmentActors(actor_id)): Foreign key referencing the GovernmentActors table.
PRIMARY KEY (issue_id, actor_id): Ensures that each issue-actor pairing is unique.
II. SMART Citizen Prompt Generator

The truthPrintz GOS includes a module to assist citizens in generating effective and actionable prompts for engaging with government actors. This module is accessible through the web frontend.

1. Refined Formula for Generating SMART Prompts:

The prompt generator is based on the following formula:

Prompt = [Issue Focus] + [Identified Accountable Government Branch/Node/Actor] + [Specific Actionable Demand with Measurable Outcome] + [Reference to Relevant Legal/Policy Framework (Optional)] + [Call for Transparency/Reporting] + [Desired Tone/Format] + [Optional: truthPrintz Watchdog Assessment]

2. Self-Sustained Web Page for Prompt Generation and Mapping:

The web page guides users through the following steps to generate a SMART prompt:
Select an Issue: Users can browse categories or search for specific domestic or global issues they are concerned about.
Explore the Accountability Map: An interactive map will allow users to visualize the governmental landscape related to their chosen issue and identify relevant branches, agencies, and officials (leveraging the GovernmentActors and IssueGovernmentActors data).
Define the Desired Action (SMART Criteria): The prompt generator will provide a structured form for users to specify their request based on the SMART criteria:
Specific Request: Clearly state what action is needed from the identified government actor.
Measurable Outcome: Define concrete and quantifiable results that would indicate the issue is being addressed.
Achievable Action: Ensure the request is realistic and within the power of the target official or entity.
Relevance Details: Explain why this issue matters to the user and the broader public, potentially referencing constitutional rights or systemic impacts.
Time-bound: Specify clear deadlines for acknowledgment of the prompt, a progress report on addressing the issue, and a final resolution.

Reference Legal/Policy Framework (Optional): Users can access a searchable database (potentially linked to a GovernanceRecords table) of relevant laws, policies, and UN resolutions to strengthen their prompt.
Request Transparency: A checkbox or field will allow users to request specific information or reports related to the issue.
Choose Tone and Format: Users can select the tone of their message (e.g., formal, urgent, collaborative) and any desired formatting.
Optional: Include truthPrintz Watchdog Assessment: Users will have the option to include a summary of a watchdog assessment in their prompt. If selected, a section will appear allowing them to input scores (0-100) for the following categories based on the truthPrintz Watchdog Assessment Formula:
Domestic Overreach & Steps Toward Authoritarianism
Concentration of Power
Unethical International Policy - Support for Allies
Concentration of Power in International Relations The system will calculate and include an overall concern level ("Low," "Moderate," "High," or "Critical") based on these weighted scores.
Enter User Information: Users will provide their name, contact information, and address.
Generate and Send: The system will generate the prompt based on the user's input and provide a pre-filled email or a link to the official contact form of the identified government entity (using the contact_information from the GovernmentActors table), along with clear instructions on how to send it. Users will also have the option to copy the generated prompt to their clipboard.
III. Relevant Component from Detailed Breakdown:
2. Web Frontend (UI): Provides the user interface for interacting with the accountability map (to select government actors) and the SMART prompt generation form.
3. Backend API (Logic): Handles the logic for retrieving government actor data, calculating the watchdog assessment score, generating the prompt text based on user input, and potentially facilitating the sending of the prompt.
This specification provides a focused view of the government structure model and the SMART citizen prompt generator within the truthPrintz - Global Operating System.